

1.4.1

Structured feedback for design and review of syllabus (semester wise / year wise) is obtained from 1) Students, 2) Teachers, 3) Employers, 4) Alumni

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Any additional Information:

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Policies on Feedback Mechanism

MAHARAJ VIJAYARAM GAPATHI RAJ COLLEGE OF ENGINEERING(AUTONOMOUS)

Vijayaram Nagar Campus, Chintalavalasa, Vizianagaram-535005, Andhra Pradesh

Accredited by NAAC with 'A' Grade & Listed u/s 2(f) & 12(B) of UGC

(Approved by AICTE, New Delhi and Permanently Affiliated by JNTUK-Kakinada)

NBA Accredited UG Courses: B.Tech(MEC), B.Tech(CIV), B.Tech(EEE), B.Tech(ECE), B.Tech(CSE), B.Tech(IT),
B.Tech(MEC) & B.Tech(CHE) and PG Course: MBA

DEPARTMETN OF CIVIL ENGINEERING

Policy on feedback mechanism for design and review of Syllabus:

The department, keeping the vision, mission and PEOs in the forefront, has arrived at the Program Outcomes (POs). In consideration of the POs, the program curriculum is designed. The steps involved in the process are described below and also shown in Fig.1.

1. A meeting chaired by HoD was convened to discuss about the design of the course structure. The concerned faculty were asked to prepare the course curriculum for the subjects in their respective specialization.
2. After a series of reviews at department involving the entire faculty, the draft course structure and syllabus were finalized.
3. This draft curriculum was then circulated to members of BoS comprising of academicians from IIT, NIT, IISc, state universities, Industry experts, professional body executives and alumni a few weeks prior to the BoS meeting.
4. Final version of curriculum that adequately meets the requirements of stakeholder is arrived at the BoS meeting.
5. After incorporating the recommendations of the BOS, the final version of the curriculum is prepared and submitted to the Academic Council for ratification.

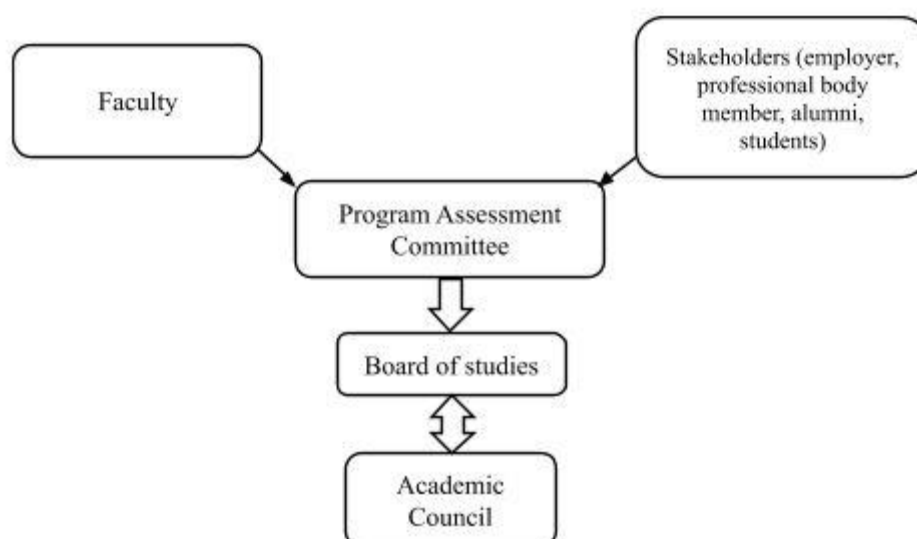


Fig.1. Policy on feedback mechanism for design and review of Syllabus

FEEDBACK FORMATS

Employer Feedback

**Department of Civil Engineering
MVGR College of Engineering(A)**

<i>Name of the Employer</i>	
<i>Designation</i>	
<i>Company Name</i>	
<i>Permanent Address</i>	
<i>Phone Number</i>	
<i>Signature</i>	

1. Are you confident that our B. Tech programme helped the student acquire the requisite knowledge as intended in the program outcomes? []

A. Absolutely B. Substantially C. Just About
D. Not confident E. Categorical No

2. Are you confident that our B. Tech programme helped the student analyzing complex engineering problems as intended in the program outcomes? []

B. Absolutely B. Substantially C. Just About
D. Not confident E. Categorical No

3. Are you confident that our B. Tech programme helped the student design complex engineering problems as intended in the program outcomes? []

C. Absolutely B. Substantially C. Just About
D. Not confident E. Categorical No

4. Are you confident that the B. Tech programme helped the student develop research based knowledge acquired at entry level in the industry? []

A. Absolutely B. Substantially C. Just About
D. Not confident E. Categorical No

5. Do you feel that the B.Techprogramme helped the students to develop complex engineering activities with an understanding of the limitations? []

A. Absolutely B. Substantially C. Just About
D. Not Confident E. Categorical No

6. Do you feel that the B.Techprogramme helped the students to assess societal, health and safety issues with an understanding of the limitations? []

A. Absolutely B. Substantially C. Just About
D. Not Confident E. Categorical No

7. Are you confident that the B. Tech programme helped the student to understand the impact of the professional engineering solutions with an understanding of the limitations? []

B. Absolutely B. Substantially C. Just About
D. Not confident E. Categorical No

8. Do you feel that the B.Techprogramme helped the students to work effectively as an individual or as a team leader in multi-disciplinary teams with a commitment towards professional ethics and responsibilities? []

A. *Absolutely* B. *Substantially* C. *Just About*
D. *Not Confident* E. *Categorical No*

9. Are you confident that the B. Tech programme helped the student as a member or leader in diverse teams at entry level in the industry? []

A. *Absolutely* B. *Substantially* C. *Just About*
D. *Not confident* E. *Categorical No*

10. Are you confident that the B. Tech programme helped the student to communicate effectively on complex engineering activities and design documentation skill at entry level in the industry?
[]

A. *Absolutely* B. *Substantially* C. *Just About*
D. *Not confident* E. *Categorical No*

11. Are you confident that the B. Tech programme helped the student to manage projects and in multidisciplinary environmentsat entry level in the industry? []

A. *Absolutely* B. *Substantially* C. *Just About*
D. *Not confident* E. *Categorical No*

12. Are you confident that the B. Tech programme helped the student develop the required skill at entry level in the industry?
[]

B. *Absolutely* B. *Substantially* C. *Just About*
D. *Not confident* E. *Categorical No*

13. Are you confident that the B. Tech programme laid the required foundation necessary in Civil Engineering graduate to pursue higher learning through job mandated learning and practice life-long learning? []

A. *Absolutely* B. *Substantially* C. *Just About*
D. *Not confident* E. *Categorical No*

14. Are you confident that the B. Tech programme helped the student in gaining the skills required to communicate effectively in a professional setting by means of report writing, documentation and presentations? []

A. *Absolutely* B. *Substantially* C. *Just About*
D. *Not confident* E. *Categorical No*

Any Comments you would want to add to help us improve the effectiveness of the programme:

Comments:

Parents Feedback

Department of Civil Engineering
MVGR College of Engineering(A)

<i>Name of the parent</i>	
<i>Name of the student</i>	
<i>Phone Number</i>	
<i>Current Position</i>	
<i>Permanent Address</i>	
<i>Signature of the parent</i>	

1. Are you confident that our B. Tech programme helped your ward acquire the requisite knowledge as intended in the program educational objectives? []

A. Absolutely B. Substantially C. Just About
D. Not confident E. Categorical No
2. Are you confident that the B. Tech programme helped your ward acquire the analyze complex engineering problems skill at entry level in the industry? []

A. Absolutely B. Substantially C. Just About
D. Not confident E. Categorical No
3. Are you confident that the B. Tech programme helped your ward acquire the skill to design system components at entry level in the industry? []

A. Absolutely B. Substantially C. Just About
D. Not confident E. Categorical No
4. Are you confident that the B. Tech programme helped your ward in investigating complex problems? []

A. Absolutely B. Substantially C. Just About
D. Not confident E. Categorical No
5. Are you confident that the B. Tech programme helped your ward to use modern tool?[]

A. Absolutely B. Substantially C. Just About
D. Not confident E. Categorical No
6. Are you confident that the B. Tech programme helped your son/daughter to assess contextual knowledge to assess societal, health, safety measures in the industry? []

A. Absolutely B. Substantially C. Just About

D. Not confident

E. Categorical No

7. Are you confident that the B. Tech programme laid the required foundation necessary in Civil Engineering graduate to demonstrate the knowledge of and need for sustainable development?

[]

A. *Absolutely*

B. *Substantially*

C. *Just About*

D. Not confident

E. Categorical No

8. Are you confident that the B. Tech programme helped your ward to do research? []

A. *Absolutely*

B. *Substantially*

C. *Just About*

D. Not confident

E. Categorical No

9. Are you confident that the B. Tech programme laid the required foundation necessary in Civil Engineering graduate to pursue higher learning either through higher studies or through job mandated learning and practice life-long learning?

[]

A. *Absolutely*

B. *Substantially*

C. *Just About*

D. Not confident

E. Categorical No

10. Are you confident that the B. Tech programme helped your ward in gaining ethical principles and responsibilities and norms of the engineering practice?

[]

A. *Absolutely*

B. *Substantially*

C. *Just About*

D. Not confident

E. Categorical No

11. Are you confident that the B. Tech programme helped your ward to act as a member or leader in multidisciplinary settings?

[]

A. *Absolutely*

B. *Substantially*

C. *Just About*

D. Not confident

E. Categorical No

12. Are you confident that the B. Tech programme helped your ward in gaining ethical principles and responsibilities and norms of the engineering practice?

[]

A. *Absolutely*

B. *Substantially*

C. *Just About*

D. Not confident

E. Categorical No

13. Are you confident that the B. Tech programme helped your ward to demonstrate knowledge and understanding of the engineering management principles and apply these to one's own work?

[]

A. *Absolutely*

B. *Substantially*

C. *Just About*

D. Not confident

E. Categorical No

14. Are you confident that the B. Tech programme helped your ward in gaining the skills required to effectively work in team oriented projects and communicate effectively in a professional setting.

[]

A. *Absolutely*

B. *Substantially*

C. *Just About*

D. Not confident

E. Categorical No

Any Comments you would want to add to help us improve the effectiveness of the programme:

Comments:

Alumni Feedback

**Department of Civil Engineering
MVGR College of Engineering(A)**

Alumni Name :	
Father's Name :	
Date of Birth (DD/MM/YYYY) :	
Year of Passing out:	Register No:
Permanent Address:	
Contact No:	
E-mail ID :	
Present Organization:	
Designation:	Present Location :

1. Are you confident that the B. Tech programme helped you acquire the requisite engineering knowledge as required for your present endeavours? []

A. Absolutely
D. Not Confident

B. Substantially
E. Categorical No

C. Just About

2. Are you able to identify the engineering problems in your work and design a solution by analysing them with the help of mathematics and engineering sciences? []

A. Absolutely
D. Not Confident

B. Substantially
E. Categorical No

C. Just About

3. Are you able to identify the engineering problems in your work and design a solution with the help of mathematics? []

A. Absolutely

B. Substantially

C. Just About

D. Not Confident

E. Categorical No

4. Are you able to identify the research methods including design of experiments within the learning of the program? []

A. Absolutely

B. Substantially

C. Just About

D. Not Confident

E. Categorical No

5. Are you able to use modern engineering tools within the learning of the program? []

A. Absolutely

B. Substantially

C. Just About

D. Not Confident

E. Categorical No

6. Are you able to identify the consequent responsibilities relevant to the professional engineering practice? []

A. Absolutely

B. Substantially

C. Just About

D. Not Confident

E. Categorical No

7. With the knowledge acquired through your B.Techprogramme are you able to provide engineering solutions for sustainable development as required by your job specifications? []

A. Absolutely

B. Substantially

C. Just About

D. Not Confident

E. Categorical No

8. Are you able to work effectively as an individual or as a team leader in multi-disciplinary teams with a commitment towards professional ethics and responsibilities? []

A. Absolutely

B. Substantially

C. Just About

D. Not Confident

E. Categorical No

9. Are you able to function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.? []

A. Absolutely

B. Substantially

C. Just About

D. Not Confident

E. Categorical No

10. Are you able to find the learnings in the programme to communicate effectively on the engineering activities with both the engineering community and the society by means of report writing, documentation and presentations? []

A. Absolutely

B. Substantially

C. Just About

D. Not Confident

E. Categorical No

11. Are you able to manage your multi-disciplinary teams as an individual or as a team leader by applying the principles of management? []

A. Absolutely

B. Substantially

C. Just About

D. Not Confident

E. Categorical No

12. Are you able to engage yourself in life-long learning by preparing yourself in the context of technological change? []

A. Absolutely

B. Substantially

C. Just About

D. Not Confident

E. Categorical No

13. Are you able to solve civil engineering problems using analytical methods within the learning of the program? []

B. Absolutely

B. Substantially

C. Just About

D. Not Confident

E. Categorical No

14. Are you able to rehabilitate civil engineering structures within the learning of the program?

[]

C. Absolutely

B. Substantially

C. Just About

D. Not Confident

E. Categorical No

Any Comments you would want to add to help us improve the effectiveness of the programme:

Comments: -



Policy for Design and Review of Syllabus

The policy followed by the Department of Electrical & Electronics Engineering for the design and review of the program structures and syllabi of the courses offered in any program is as specified below:

The Department Academic & Assessment Committee (Consisting of Head of the Department, Academic Coordinator, Administrative Coordinator and Two Senior Professors with different specializations) will deliberate on the curriculum to be incorporated and the required components in the curriculum. Keeping in view the vision and mission of the college and department at large, and with a broader perspective of grooming students with proper skill sets required to be good engineers as well as good citizens, the committee pronounces the structure and courses which are necessary and sufficient. While doing so, the committee takes the following into consideration:

- a) Norms imposed by the regulatory bodies.
- b) Existing curriculum
- c) Feedback of the outgoing students, parents, alumni and employers.
- d) Boundary condition with respect to curricula of GATE, IES, IAS etc.
- e) Program specific criteria from the lead societies like

Lead Society: Institute of Electrical and Electronics Engineers

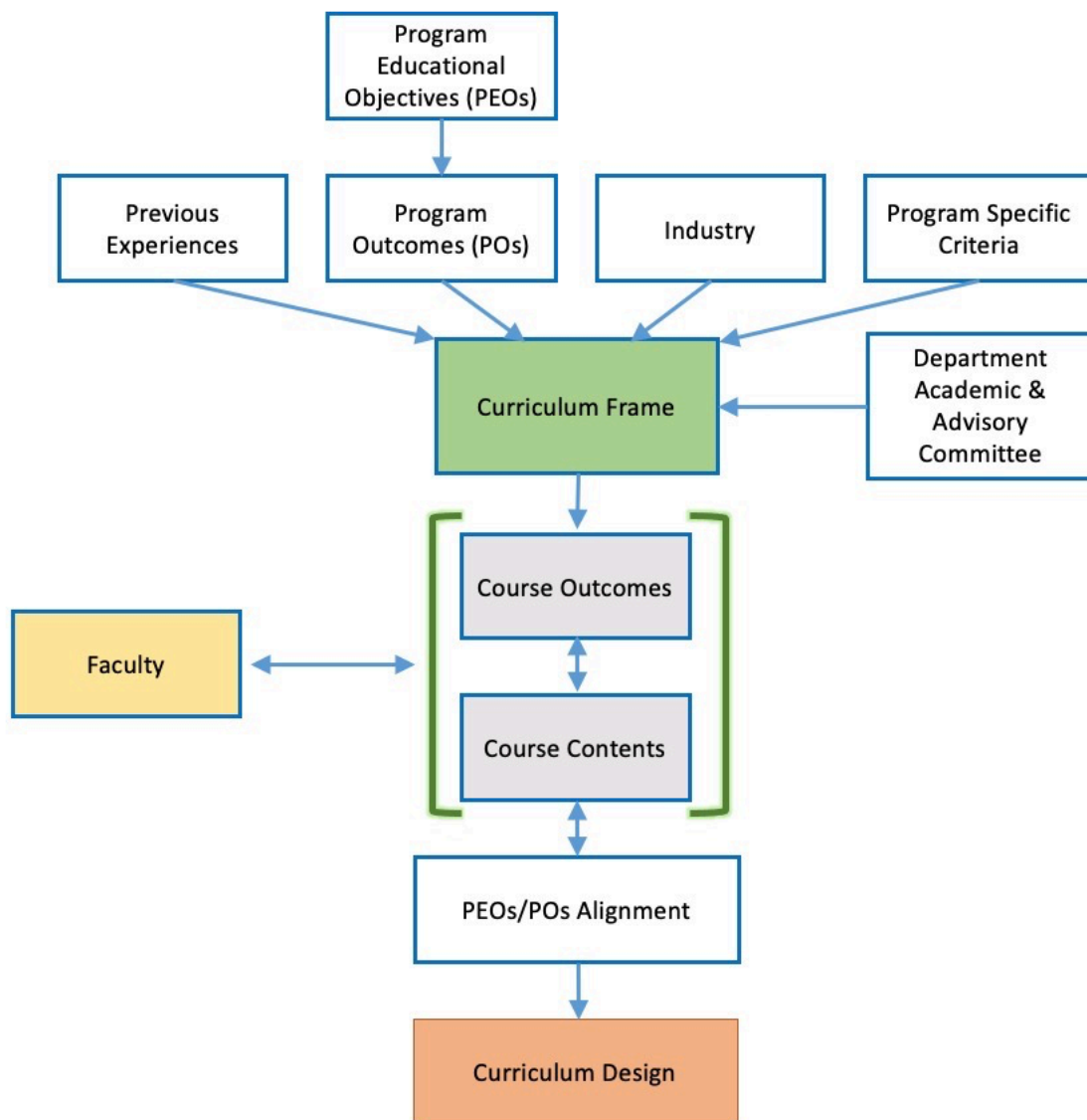
Cooperating Society for Computer Engineering Programs: CSAB

The courses are then categorized into broader specializations. Faculty teams of different specializations, each headed by a senior faculty are constituted and entrusted with the design of the syllabus.



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
MVGR COLLEGE OF ENGINEERING - AUTONOMOUS

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Kakinada, Listed U/S 2(f) & 12(B) of the UGC Act 1956)



Meeting of specialization teams

The specialization teams conduct a series of meetings in which the syllabus prescribed by various reputed institutes like IITs, NITs, state universities, deemed universities and foreign universities are taken into consideration for discussion. The syllabus prescribed for various competitive exams (GATE, IES, etc.) are also considered and a draft syllabus copy for each course is prepared.



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Consolidation of the draft curriculum and syllabi

After the draft syllabus is prepared for each course, the Department Academic & Assessment Committee convenes another meeting with all the faculty of the department for their inputs and suggestions, and then consolidates the draft proposals of all teams. The same draft proposal is circulated among all members of the Board of Studies (BoS) which includes renowned intellectuals from industry and academia of high repute much prior to the commencement of meeting of BoS.

Meeting of BoS

The BoS meeting chaired by the Head of the Department is convened with all members of the board to finalize the structures and syllabi of the programs offered by the department. The BOS comprises of the following members:

- Faculty of the Department
- Professors from reputed Institutes
- Scientists from Research Laboratories
- Members from Professional society
- Senior Executives from Industry
- University Nominee
- Alumni

The final version of the program structures and the syllabi of the courses offered are arrived after deliberations by the members of the board.

Meeting of Academic council

The Academic council chaired by the Principal of the Institute is convened with all members of the board to ratify the proposals of BoS of various programs. The Academic council comprises of the following members:



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
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Kakinada, Listed U/S 2(f) & 12(B) of the UGC Act 1956)

- Heads of the Program Departments
- Administrative team of the Institution
- Professors from reputed Institutes
- Scientists from Research Laboratories
- Senior Executives from Industry
- A Professor from the affiliating university

The final version of the program structures and syllabi of the courses offered which are proposed by BoS, is ratified after deliberations by the members of the council.



DEPARTMENT OF MECHANICAL ENGINEERING
MVGR COLLEGE OF ENGINEERING - AUTONOMOUS

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Policy for Design and Review of Syllabus

The policy followed by the Department of Mechanical Engineering for the design and review of the program structure and the syllabi of the courses offered in any program is a five step process which is defined in the ensuing sections

Step 1

Meeting of the Department Academic Committee

The committee which comprises of The HOD, Academic Coordinator, Administrative coordinator and two senior professors belonging to different specializations convenes with an agenda of Constituting Specialization Teams.

The committee with an unflinching determination to march ahead in the direction of the vision of the Department and also in view of the broader scope of Mechanical engineers, pronounces structure and the courses which are necessary and sufficient. Norms imposed by the regulatory bodies, the existing curriculum and the feedback of the outgoing students, parents, alumni and Employers is thoroughly considered in the process. The courses are then categorized in to broader specializations. Faculty teams of different specializations each headed by a senior faculty are constituted and entrusted with the design of the Syllabus.

Step 2

Meeting of the Specialization Teams

The Specialization Teams conducts a series of meetings in which the syllabus prescribed by various reputed institutes like IITs, NITs Deemed Universities and Foreign universities are discussed and a draft syllabus copy for each course is prepared



DEPARTMENT OF MECHANICAL ENGINEERING
MVGR COLLEGE OF ENGINEERING - AUTONOMOUS

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Step 3

Consolidation of the draft Curriculum and Syllabi

The Department academic committee convenes another meeting with all the faculty of the department for their inputs and suggestions and then consolidates the draft proposals of all the teams. The same draft proposal is circulated through mail to the all the members of the Board of Studied (BOS) which includes renowned intellectuals from Industry and academia of high repute much prior to the commencement of the meeting of the Board of Studies.

Step 4

Meeting of the Board of Studies

The Board of studies (BOS) chaired by the Head of the Department is convened with all the members on the board to finalize the Structure and syllabi of the program offered by the department. The BOS comprises of the following members

- All Faculty of the Department
- Professors from Institutes of repute
- Scientists from Research Laboratories
- Senior Executives from Industry
- A Professor representing the affiliating university (University Nominee)
- Alumni

The final version of the program structure and the syllabi of the courses offered is arrived after deliberations by the members on the board



DEPARTMENT OF MECHANICAL ENGINEERING
MVGR COLLEGE OF ENGINEERING - AUTONOMOUS

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Step 5

Meeting of the Academic Counsel (AC)

The Academic Counsel chaired by the Principal of the institute is convened with all the members on the board to ratify the proposals of BOS of various programs. The AC comprises of the following members

- All the Heads of the Program Departments
- Administrative team of the Institution
- Professors from Institutes of repute
- Scientists from Research Laboratories
- Senior Executives from Industry
- A Professor representing the affiliating university

The final version of the program structure and the syllabi of the courses offered which is proposed by the BOS is ratified after deliberations by the members on the counsel.



College Code: 33

Department of Electronics and Communication Engineering

MVGR College of Engineering (Autonomous)

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Listed U/S 2(f) & 12(B) of the UGC Act 1956

Vijayaram Nagar Campus, Chintalavalasa, VIZIANAGARAM-535 005.



Policy for Design and Review of Syllabus

The policy followed by the Department of Electronics and Communication Engineering for the design and review of the program structure and the syllabi of the courses offered in any program is a five step process which is defined in the ensuing sections

Step 1

Meeting of the Department Academic Committee

The committee which comprises of The HOD, Academic Coordinator, Administrative coordinator and two senior professors belonging to different specializations convenes with an agenda of Constituting Specialization Teams.

The committee with an unflinching determination to march ahead in the direction of the vision of the Department and also in view of the broader scope of Electronics and Communication Engineers, pronounces structure and the courses which are necessary and sufficient. Norms imposed by the regulatory bodies, the existing curriculum and the feedback of the outgoing students, parents, alumni and Employers is thoroughly considered in the process. The courses are then categorized in to broader specializations. Faculty teams of different specializations each headed by a senior faculty are constituted and entrusted with the design of the Syllabus.

Step 2

Meeting of the Specialization Teams

The Specialization Teams conducts a series of meetings in which the syllabus prescribed by various reputed institutes like IITs, NITs Deemed Universities and Foreign universities are discussed and a draft syllabus copy for each course is prepared



College Code: 33

Department of Electronics and Communication Engineering

MVGR College of Engineering (Autonomous)

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Vijayaram Nagar Campus, Chintalavalasa, VIZIANAGARAM-535 005.



Step 3

Consolidation of the draft Curriculum and Syllabi

The Department academic committee convenes another meeting with all the faculty of the department for their inputs and suggestions and then consolidates the draft proposals of all the teams. The same draft proposal is circulated through mail to the all the members of the Board of Studied (BOS) which includes renowned intellectuals from Industry and academia of high reputation much prior to the commencement of the meeting of the Board of Studies.

Step 4

Meeting of the Board of Studies

The Board of studies (BOS) chaired by the Head of the Department is convened with all the members on the board to finalize the Structure and syllabi of the program offered by the department. The BOS comprises of the following members

- All Faculty of the Department
- Professors from Institutes of repute
- Scientists from Research Laboratories
- Senior Executives from Industry
- A Professor representing the affiliating university (University Nominee)
- Alumni

The final version of the program structure and the syllabi of the courses offered is arrived after deliberations by the members on the board



College Code: 33

Department of Electronics and Communication Engineering

MVGR College of Engineering (Autonomous)

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Step 5

Meeting of the Academic Counsel (AC)

The Academic Counsel chaired by the Principal of the institute is convened with all the members on the board to ratify the proposals of BOS of various programs. The AC comprises of the following members

- All the Heads of the Program Departments
- Administrative team of the Institution
- Professors from Institutes of repute
- Scientists from Research Laboratories
- Senior Executives from Industry
- A Professor representing the affiliating university

The final version of the program structure and the syllabi of the courses offered which is proposed by the BOS is ratified after deliberations by the members on the counsel.

Action Taken Report on A1 Regulations

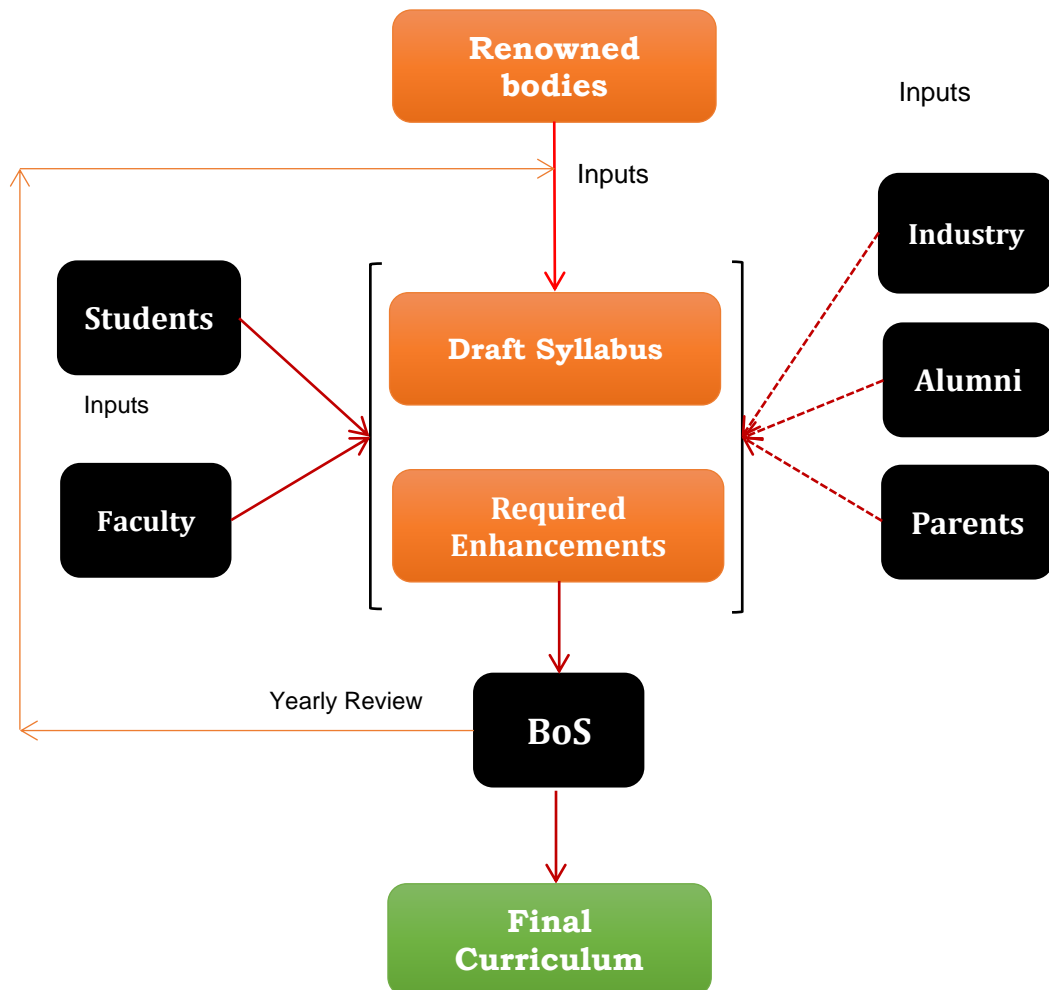
The following is the report on actions taken on the suggestions made during the meeting of “Board of Studies” on Electronics and Communication Engineering (UG), VLSI (PG) and Communication Systems (PG) programs held on **13-06-2015, 13-02-2016, 24-06-2017 and 04-08-2018**. These suggestions include the suggestions from the students through meetings with class representatives. The Faculty, Employers and Alumni are all part of the Board of Studies and their suggestions through deliberations in the BOS meeting are thoroughly considered and implemented

Policy Document for Stakeholders Feedback on Curriculum

Stakeholders of the program

The Stake Holders in the program are essentially those who might or ought to have a say in how the program objectives are set and check if the curriculum structure meets the current industry requirements and whether the students can acquire employability skills industry ready or not. The primary stakeholders of the program include:

- Students
- Parents
- Faculty
- Alumni
- Information Technology Industry
- Renowned bodies (Affiliating University, AICTE, Reputed Institutes)



Stake-Holder inputs & process for obtaining the Feedback

- A survey is done on the curriculum of well-recognized international programs at the graduate level.
- Take into account the Parent's input as defined in **Appendix-A**. Parent's inputs on what their expectations are from the undergraduate program have to be taken as below:
 - A meeting with select parents (4-8 parents) with the department academic council must be conducted.
 - The draft version of the department's curriculum has to be shared with the parents & ask them to enlist what their expectations were of the B. Tech Program.
 - A meeting with set of expectations is analyzed, and the feasible adjustments may be made to the curriculum.
- Academic experts, Industry experts & Alumni, shall be included as members in the Department's Board of Studies.
- Current students' suggestions are taken through the class-in-charges and an informal discussion by the Chairman of BoS with the students **(Appendix-B)**.
- An exit feedback with the current passed-out batch students is also taken on the desired aspirations of the student. **(Appendix-C)**
- With the information gathered from various stakeholders viz., survey & parent's feedback, a meeting shall be conducted among all Domain / Subject experts (faculty members) to develop a draft version of the curriculum.
- The draft version is circulated to all program department's staff, and a meeting shall be conducted to take inputs. The class in-charges are also asked to share the draft with students and bring any inputs. Based on the inputs of all the faculty members and students, a final draft version is prepared.
- The version coming out above was put up for discussion in the Department Board of Studies meeting where participants from Industry experts, Academicians from reputed Universities, and alumni are included and members. The draft curriculum is ratified after making minor changes in this committee.
- The version from above is then put up for ratification by the college Academic Council.

Constitution of Members of Board of Studies:

- 2-3 Expert Members from Reputed Institutes in India
- 1-2 Expert Members from Industries
- 1-2 Expert Members from Alumni
- 1 Expert Member nominated by the VC of Affiliating University.
- All Subject Expert faculty members of the department

Frequency of obtaining Feedback:

- Students : Yearly Once (Every batch at the end of VI Semester)
- Parents : Yearly Once (Selective parents of every batch who are at the end of VI Semester)
- Faculty : Yearly Once
- Alumni : Yearly Once
- I T Industry : Once during BoS Meeting

Appendix – A

Parent Input

--/--/----

Dear esteemed Parent,

We are in the process of collecting inputs from parents about what your expectations are from the B. Tech (IT) program before we sit and formulate the Objectives of the program formally so we can tailor the delivery process to suit those objectives and better meet the aspirations of our esteemed stakeholders of which parents are one of the most prominent groups. We recently conducted a meeting in the department with a few parent representatives and came up with some common expectations from the B. Tech (IT) Program. We request you to spend a few minutes of your time identifying some of the core things you expect from the program. Please put a tick mark against the item/aspect you think is among your expectations among the listing arrived at the meeting with Parent's representatives.

I want my Child/Ward to become:

1. Skilled IT professional as per the industry expectation of professional skill required at the B. Tech Program.
2. Readily employable as an engineer in some software firm/firm that builds/vends software.
3. A thorough-bred professional oozes confidence, poise, and communication ability necessary to sustain fruitful employability & grow in his/her career.
4. Capable enough of getting admission into higher education institutes of national and international repute to pursue higher learning.
5. A life-longer learner who is adaptable enough to develop skills and acquire knowledge continually much after formal education is over to keep pace with the changing world.
6. Equipped to manage the challenges career and life throw at them over a long period.

Please feel free to write any other expectations you might have from the B. Tech (IT) program.

--

Signature of Parent

Appendix – B

Student feedback questionnaire

Academic Year:

Class:

Registered#:

Course:

Q1. Do you have the ability to write a formal algorithmic solution for the given problem & explain the features of Programming Language (C, C++, or any o) like types including scalar & vector types, operators, expressions, expression evaluation, operator precedence, sequential, conditional & iterative constructs? []

A. B. Substantially C. Just About

D. Not confident E. Categorical No

Q2. Did you gain the ability to adopt any programming technology? []

A. B. Substantially C. Just About

D. Not confident E. Categorical No

Q3. Do you feel that the curriculum covers all advanced technologies required for industry placements? []

A. B. Substantially C. Just About

D. Not confident E. Categorical No

Q4. Are you satisfied with the expectation like, curriculum structure meeting Employability skills and Learning Experience?
[]

A. Absolutely B. Substantially C. Just About

D. Not confident E. Categorical No

Q5. Did you feel that any of the courses' content is heavy for the specified 48 hrs/54 hours? []

A. Absolutely B. Substantially C. Just About

D. Not confident E. Categorical No

Q6. How satisfied are you with your overall curriculum structure? []

A. Absolutely B. Substantially C. Just About

D. Not confident E. Categorical No

Appendix - C

DEPARTMENT OF INFORMATION TECHNOLOGY MVGR COLLEGE OF ENGINEERING

FINAL YEAR STUDENTS – EXIT FEEDBACK ON PO & PSO

CAY :	BATCH:	Date :
PROGRAM	B. Tech. Information Technology	
Optional	Name:	Regd. No:

The department has the following stated objectives for Curriculum Design:

- I. Knowledge of mathematics, science, computing, and engineering fundamentals shall be imparted to the students, followed by the study program's breadth and in-depth studies. Further, students are equipped with laboratory and project-based experiences and proficiency in modern computational tools.
- II. Our graduates will be employed in the computing profession and will be engaged in learning, understanding, and applying new ideas and technologies as the field evolves.
- III. Necessary infrastructure and Academic support shall be provided to ensure that Graduates succeed in pursuing advanced degrees in engineering or other fields and have skills for continued independent, lifelong learning to become experts in their profession and broaden their professional knowledge.
- IV. A framework to promote the ability to organize and present information, to write and speak effective English, to work effectively on team-based engineering projects, and practice ethics inculcating a sense of social responsibility shall be setup

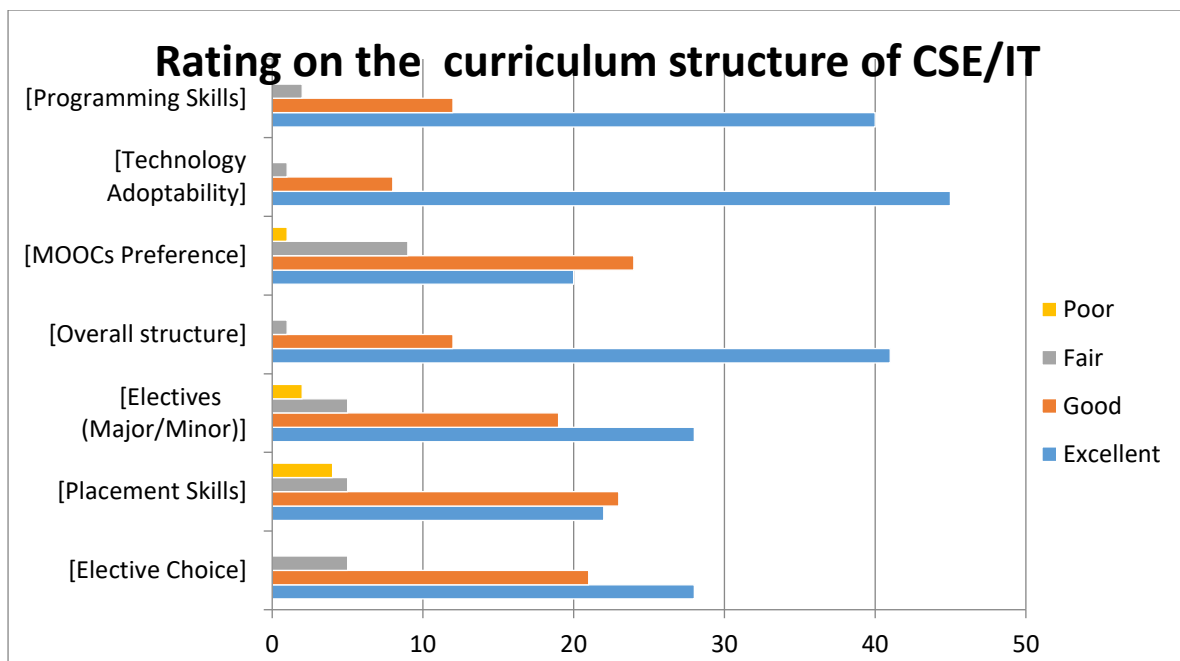
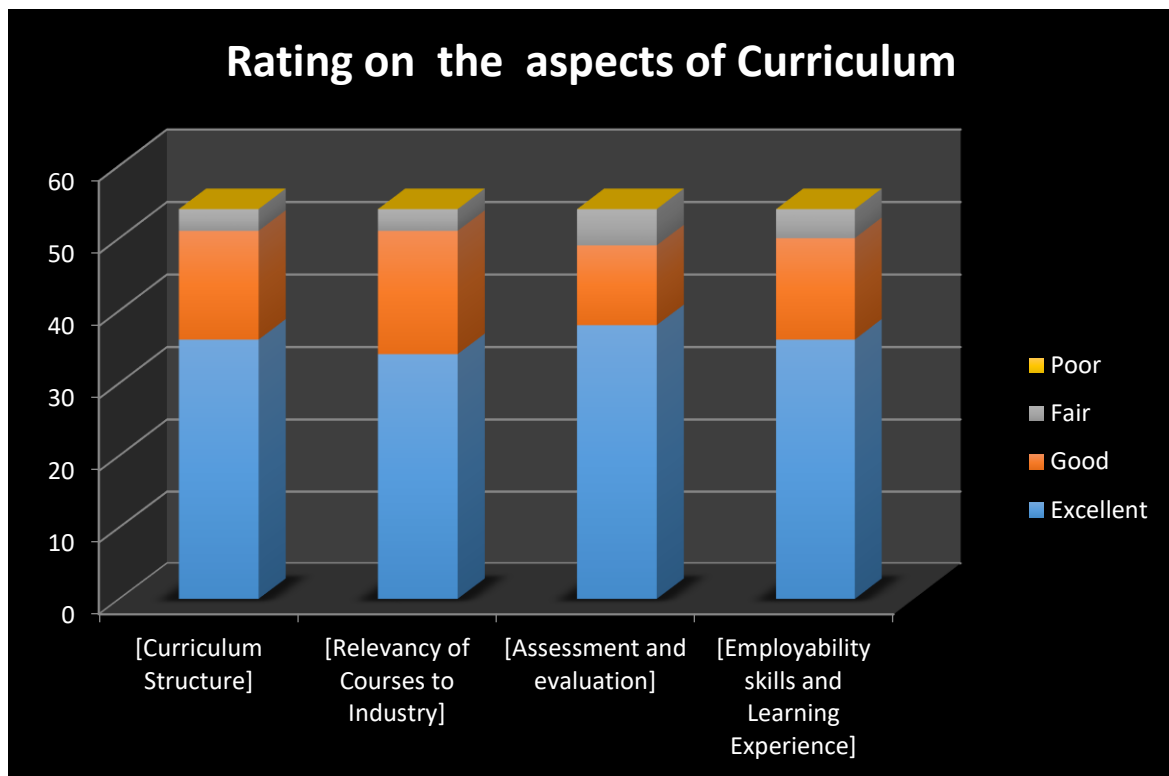
Obj	Description	Score
a	an ability to apply knowledge of mathematics, science, and engineering	
b	an ability to design and conduct experiments, as well as to analyze and interpret data	
c	an ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability	
d	an ability to function on multidisciplinary teams	
e	an ability to identify, formulate, and solve engineering problems	
f	an understanding of professional and ethical responsibility	
g	an ability to communicate effectively	
h	the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context	
i	a recognition of the need for and an ability to engage in life-long learning	
j	a knowledge of contemporary issues	
k	An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.	
l	Selected Computer Science majors will apply their course learnings to research, leading either to graduate or continuing research in an industrial setting.	
Total		

RATING CRITERIA:

Excellent(E)	Good(G)	Average(A)	Poor(P)	No Comment(NC)
5	4	3	2	1

Please feel free to write any other expectations you might have from the B. Tech (IT) program.

Sample Reports:



1.4.1: Structured Feedback for design and review of Syllabus (Semester Wise/ Year wise) is obtained from 1) Students, 2) Teachers, 3) Employers, 4) Alumni

Feedback Process& Policy

- We have designed an Online application to collect the student's feedback on Teaching learning process.
- For each semester we are going to collect the student's feedback for two times. One is at midterm and another one is at the end of the semester.
- The online application contains a questionnaire and ask the students to evaluate the particular subject with options like Excellent, Good, Average, poor.
- After students have given the feedback it will be summarized in the application and a score will be generated for a score of 5.
- For each subject a separate comment section also will be there so that the comments also will be collected.
- We are also not limited to that inputs also will be taken from class In-charges and class representatives.
- Finally, this report will be shared with the corresponding faculty and HOD.
- HOD and Academic coordinator will evaluate the report and a review meeting will be held by them with respective faculty to assert the problems and rectifications.

Structured Feedback for design and review of Syllabus (Semester Wise/ Year wise) is obtained from 1) Students, 2) Teachers, 3) Employers, 4) Alumni

=====

Student Feedback

The B.Tech-Chemical Engineering Programme in MVGR College of Engineering is expected to make students achieve outcomes ‘1’ through ‘12’ and program specific outcomes ‘1’ and ‘2’ mentioned in the Table below; In your own opinion, how do you rate yourself in having achieved these expected outcomes?

PO	Programme Outcomes	Your Achievement Level
1	Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5
2	Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5
3	Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5
4	Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5
5	Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5

6	The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5
7	Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5
8	Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5
9	Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5
10	Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5
11	Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5
12	Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5
PSO-1	An ability to solve chemical engineering problems using analytical methods and modern tools and techniques	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5
PSO-2	An ability to design, operate, maintain and troubleshoot chemical engineering equipments.	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5

1 =Little; 2=Moderate; 3= Satisfactory; 4=Good; 5=Excellent

In your opinion, what can the Department do to improve the student achievement levels?

Comments

Teachers Feedback

Department of Chemical Engineering
MVGR College of Engineering(A)

<i>Name of the parent</i>	
<i>Name of the student</i>	
<i>Phone Number</i>	
<i>Current Position</i>	
<i>Permanent Address</i>	
<i>Signature of the parent</i>	

1. Are you confident that our B. Tech programme helped your ward acquire the requisite knowledge as intended in the program educational objectives?
[]

A. Absolutely	B. Substantially	C. Just About
D. Not confident	E. Categorical No	
2. Are you confident that the B. Tech programme helped your ward acquire to analyze complex engineering problems skill at entry level in the industry?
[]

A. Absolutely	B. Substantially	C. Just About
D. Not confident	E. Categorical No	
3. Are you confident that the B. Tech programme helped your ward acquire to design system components at entry level in the industry?
[]

A. Absolutely	B. Substantially	C. Just About
D. Not confident	E. Categorical No	
4. Are you confident that the B. Tech programme helped your ward acquire to design system components at entry level in the industry?
[]

A. Absolutely	B. Substantially	C. Just About
D. Not confident	E. Categorical No	

5. Are you confident that the B. Tech programme helped your ward to use modern tool?
[]
A. Absolutely *B. Substantially* *C. Just About*
D. Not confident *E. Categorical No*
6. Are you confident that the B. Tech programme helped your son/daughter to assess contextual knowledge to assess societal, health, safety measures in the industry?
[]
A. Absolutely *B. Substantially* *C. Just About*
D. Not confident *E. Categorical No*
7. Are you confident that the B. Tech programme laid the required foundation necessary in Chemical Engineering graduate to demonstrate the knowledge of and need for sustainable development?
[]
A. Absolutely *B. Substantially* *C. Just About*
D. Not confident *E. Categorical No*
8. Are you confident that the B. Tech programme helped your ward to do research? []
A. Absolutely *B. Substantially* *C. Just About*
D. Not confident *E. Categorical No*
9. Are you confident that the B. Tech programme laid the required foundation necessary in Chemical Engineering graduate to pursue higher learning either through higher studies or through job mandated learning and practice life-long learning?
[]
A. Absolutely *B. Substantially* *C. Just About*
D. Not confident *E. Categorical No*
10. Are you confident that the B. Tech programme helped your ward in gaining ethical principles and responsibilities and norms of the engineering practice?
[]
A. Absolutely *B. Substantially* *C. Just About*
D. Not confident *E. Categorical No*
11. Are you confident that the B. Tech programme helped your ward to act as a member or leader in multidisciplinary settings?
[]
A. Absolutely *B. Substantially* *C. Just About*
D. Not confident *E. Categorical No*
12. Are you confident that the B. Tech programme helped your ward in gaining ethical principles and responsibilities and norms of the engineering practice?
[]
A. Absolutely *B. Substantially* *C. Just About*
D. Not confident *E. Categorical No*

13. Are you confident that the B. Tech programme helped your ward to demonstrate knowledge and understanding of the engineering management principles and apply these to one's own work?

[]

A. Absolutely

B. Substantially

C. Just About

D. Not confident

E. Categorical No

14. Are you confident that the B. Tech programme helped your ward in gaining the skills required to effectively work in team oriented projects and communicate effectively in a professional setting.

[

]

A. Absolutely

B. Substantially

C. Just About

D. Not confident

E. Categorical No

Any Comments you would want to add to help us improve the effectiveness of the programme:

Comments

Employer Feedback

Department of Chemical Engineering
MVGR College of Engineering(A)

<i>Name of the Employer</i>	
<i>Designation</i>	
<i>Company Name</i>	
<i>Permanent Address</i>	
<i>Phone Number</i>	
<i>Signature</i>	

1. Are you confident that our B. Tech programme helped the student acquire the requisite knowledge as intended in the program outcomes? []

A. Absolutely B. Substantially C. Just About
D. Not confident E. Categorical No
2. Are you confident that our B. Tech programme helped the student analyzing complex engineering problems as intended in the program outcomes? []

B. Absolutely B. Substantially C. Just About
D. Not confident E. Categorical No
3. Are you confident that our B. Tech programme helped the student design complex engineering problems as intended in the program outcomes? []

C. Absolutely B. Substantially C. Just About
D. Not confident E. Categorical No
4. Are you confident that the B. Tech programme helped the student develop research based knowledge acquired at entry level in the industry? []

A. Absolutely B. Substantially C. Just About
D. Not confident E. Categorical No
5. Do you feel that the B.Tech programme helped the students to develop complex engineering activities with an understanding of the limitations? []

A. Absolutely B. Substantially C. Just About
D. Not Confident E. Categorical No

6. Do you feel that the B.Tech programme helped the students to assess societal, health and safety issues with an understanding of the limitations? []

A. Absolutely
D. Not Confident

B. Substantially
E. Categorical No

C. Just About
7. Are you confident that the B. Tech programme helped the student to understand the impact of the professional engineering solutions with an understanding of the limitations? []

B. Absolutely
D. Not confident

B. Substantially
E. Categorical No

C. Just About
8. Do you feel that the B.Tech programme helped the students to work effectively as an individual or as a team leader in multi-disciplinary teams with a commitment towards professional ethics and responsibilities? []

A. Absolutely
D. Not Confident

B. Substantially
E. Categorical No

C. Just About
9. Are you confident that the B. Tech programme helped the student as a member or leader in diverse teams at entry level in the industry? []

C. Absolutely
D. Not confident

B. Substantially
E. Categorical No

C. Just About
10. Are you confident that the B. Tech programme helped the student to communicate effectively on complex engineering activities and design documentation skill at entry level in the industry? []

D. Absolutely
D. Not confident

B. Substantially
E. Categorical No

C. Just About
11. Are you confident that the B. Tech programme helped the student to manage projects and in multidisciplinary environments at entry level in the industry? []

E. Absolutely
D. Not confident

B. Substantially
E. Categorical No

C. Just About
12. Are you confident that the B. Tech programme helped the student develop the required skill at entry level in the industry? []

F. Absolutely
D. Not confident

B. Substantially
E. Categorical No

C. Just About
13. Are you confident that the B. Tech programme laid the required foundation necessary in Chemical Engineering graduate to pursue higher learning through job mandated learning and practice life-long learning? []

A. Absolutely
D. Not confident

B. Substantially
E. Categorical No

C. Just About
14. Are you confident that the B. Tech programme helped the student in gaining the skills required to communicate effectively in a professional setting by means of report writing, documentation and presentations? []

A. Absolutely
D. Not confident

B. Substantially
E. Categorical No

C. Just About

Any Comments you would want to add to help us improve the effectiveness of the programme:

Comments:

- D. Not Confident* *E. Categorical No*
6. Are you able to identify the consequent responsibilities relevant to the professional engineering practice? []
A. Absolutely *B. Substantially* *C. Just About*
D. Not Confident *E. Categorical No*
7. With the knowledge acquired through your B.Tech programme are you able to provide engineering solutions for sustainable development as required by your job specifications? []
A. Absolutely *B. Substantially* *C. Just About*
D. Not Confident *E. Categorical No*
8. Are you able to work effectively as an individual or as a team leader in multi-disciplinary teams with a commitment towards professional ethics and responsibilities? []
A. Absolutely *B. Substantially* *C. Just About*
D. Not Confident *E. Categorical No*
9. Are you able to find the learnings in the programme to communicate effectively on the engineering activities with both the engineering community and the society by means of report writing, documentation and presentations? []
A. Absolutely *B. Substantially* *C. Just About*
D. Not Confident *E. Categorical No*
10. Are you able to manage your multi-disciplinary teams as an individual or as a team leader by applying the principles of management? []
A. Absolutely *B. Substantially* *C. Just About*
D. Not Confident *E. Categorical No*
11. Are you able to engage yourself in life-long learning by preparing yourself in the context of technological change? []
A. Absolutely *B. Substantially* *C. Just About*
D. Not Confident *E. Categorical No*
12. Are you able to solve Chemical engineering problems using analytical methods within the learning of the program? []
B. Absolutely *B. Substantially* *C. Just About*
D. Not Confident *E. Categorical No*
13. Are you able to rehabilitate Chemical engineering structures within the learning of the program? []
C. Absolutely *B. Substantially* *C. Just About*
D. Not Confident *E. Categorical No*
14. Are you able to design, operate, maintain and troubleshoot chemical engineering equipments? []
D. Absolutely *B. Substantially* *C. Just About*
D. Not Confident *E. Categorical No*

Any Comments you would want to add to help us improve the effectiveness of the programme:

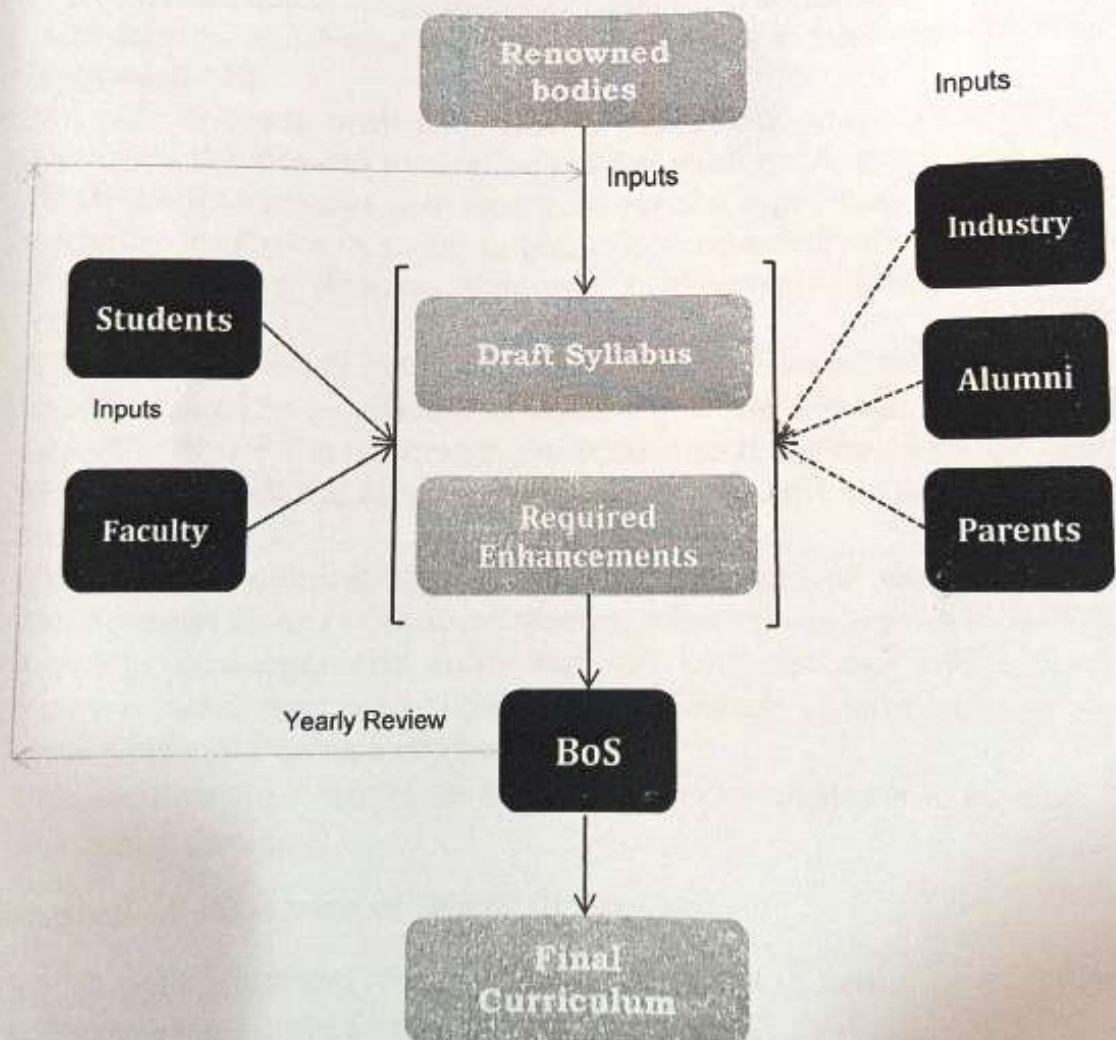
Comments: -

Policy Document for Stakeholders Feedback on Curriculum

Stakeholders of the program

The Stake Holders in the program are essentially those who might or ought to have a say in how the program objectives are set and check if the curriculum structure meets the current industry requirements and whether the students can acquire employability skills industry ready or not. The primary stakeholders of the program include:

- Students
- Parents
- Faculty
- Alumni
- Information Technology Industry
- Renowned bodies (Affiliating University, AICTE, Reputed Institutes)



Stake-Holder inputs & process for obtaining the Feedback

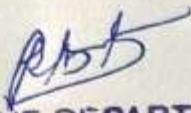
- A survey is done on the curriculum of well-recognized international programs at the graduate level.
- Take into account the Parent's input as defined in **Appendix-A**. Parent's inputs on what their expectations are from the undergraduate program have to be taken as below:
 - A meeting with select parents (4-8 parents) with the department academic council must be conducted.
 - The draft version of the department's curriculum has to be shared with the parents & ask them to enlist what their expectations were of the B. Tech Program.
 - A meeting with set of expectations is analyzed, and the feasible adjustments may be made to the curriculum.
- Academic experts, Industry experts & Alumni, shall be included as members in the Department's Board of Studies.
- Current students' suggestions are taken through the class-in-charges and an informal discussion by the Chairman of BoS with the students (**Appendix-B**).
- An exit feedback with the current passed-out batch students is also taken on the desired aspirations of the student. (**Appendix-C**)
- With the information gathered from various stakeholders viz., survey & parent's feedback, a meeting shall be conducted among all Domain / Subject experts (faculty members) to develop a draft version of the curriculum.
- The draft version is circulated to all program department's staff, and a meeting shall be conducted to take inputs. The class in-charges are also asked to share the draft with students and bring any inputs. Based on the inputs of all the faculty members and students, a final draft version is prepared.
- The version coming out above was put up for discussion in the Department Board of Studies meeting where participants from Industry experts, Academicians from reputed Universities, and alumni are included and members. The draft curriculum is ratified after making minor changes in this committee.
- The version from above is then put up for ratification by the college Academic Council.

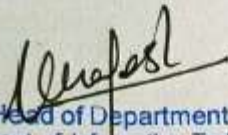
Constitution of Members of Board of Studies:

- 2-3 Expert Members from Reputed Institutes in India
- 1-2 Expert Members from Industries
- 1-2 Expert Members from Alumni
- 1 Expert Member nominated by the VC of Affiliating University.
- All Subject Expert faculty members of the department

Frequency of obtaining Feedback:

- Students : Yearly Once (Every batch at the end of VI Semester)
- Parents : Yearly Once (Selective parents of every batch who are at the end of VI Semester)
- Faculty : Yearly Once
- Alumni : Yearly Once
- I T Industry : Once during BoS Meeting


HEAD OF THE DEPARTMENT
Computer Science & Engineering
Maharaj Vijayaram Gajapathi Raj
College of Engineering
Vizianagaram-535005


Head of Department
Department of Information Technology
MVGR College of Engineering (A)
Vizianagaram - 535005

Appendix – A

Parent Input

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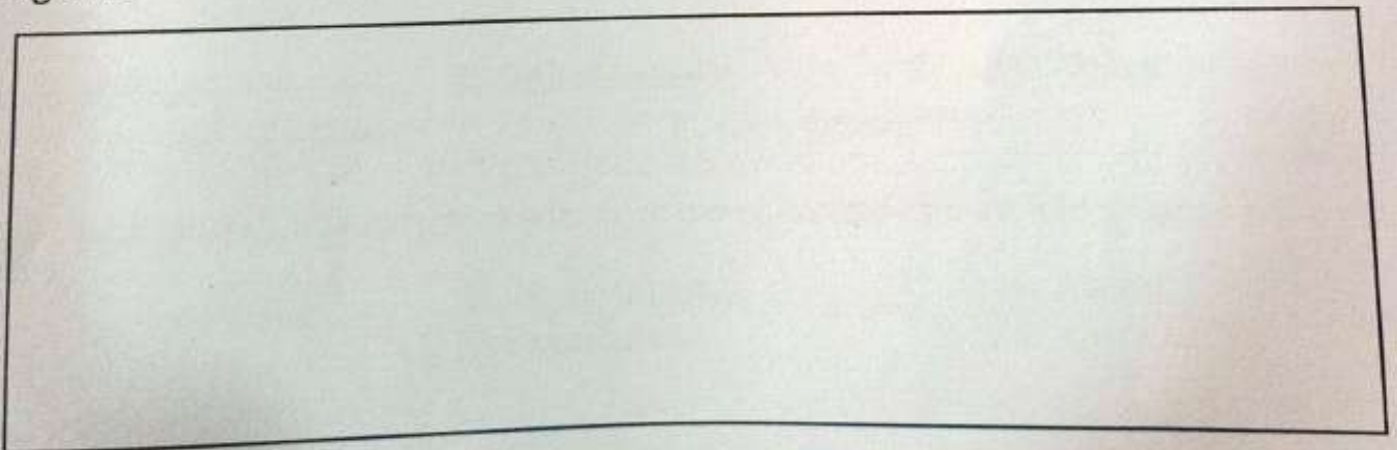
Dear esteemed Parent,

We are in the process of collecting inputs from parents about what your expectations are from the B. Tech (IT) program before we sit and formulate the Objectives of the program formally so we can tailor the delivery process to suit those objectives and better meet the aspirations of our esteemed stakeholders of which parents are one of the most prominent groups. We recently conducted a meeting in the department with a few parent representatives and came up with some common expectations from the B. Tech (IT) Program. We request you to spend a few minutes of your time identifying some of the core things you expect from the program. Please put a tick mark against the item/aspect you think is among your expectations among the listing arrived at the meeting with Parent's representatives.

I want my Child/Ward to become:

1. Skilled IT professional as per the industry expectation of professional skill required at the B. Tech Program.
2. Readily employable as an engineer in some software firm/firm that builds/vends software.
3. A thorough-bred professional oozes confidence, poise, and communication ability necessary to sustain fruitful employability & grow in his/her career.
4. Capable enough of getting admission into higher education institutes of national and international repute to pursue higher learning.
5. A life-longer learner who is adaptable enough to develop skills and acquire knowledge continually much after formal education is over to keep pace with the changing world.
6. Equipped to manage the challenges career and life throw at them over a long period.

Please feel free to write any other expectations you might have from the B. Tech (IT) program.



Signature of Parent

Appendix – B

Student feedback questionnaire

Academic Year:

Class:

Registered#:

Course:

Q1. Do you have the ability to write a formal algorithmic solution for the given problem & explain the features of Programming Language (C, C++, or any o) like types including scalar & vector types, operators, expressions, expression evaluation, operator precedence, sequential, conditional & iterative constructs? []

A. B. Substantially C. Just About

D. Not confident E. Categorical No

Q2. Did you gain the ability to adopt any programming technology? []

A. B. Substantially C. Just About

D. Not confident E. Categorical No

Q3. Do you feel that the curriculum covers all advanced technologies required for industry placements? []

A. B. Substantially C. Just About

D. Not confident E. Categorical No

Q4. Are you satisfied with the expectation like, curriculum structure meeting Employability skills and Learning Experience?
[]

A. Absolutely B. Substantially C. Just About
D. Not confident E. Categorical No

Q5. Did you feel that any of the courses' content is heavy for the specified 48 hrs/54 hours? []

A. Absolutely B. Substantially C. Just About
D. Not confident E. Categorical No

Q6. How satisfied are you with your overall curriculum structure? []

A. Absolutely B. Substantially C. Just About
D. Not confident E. Categorical No

Appendix - C

DEPARTMENT OF INFORMATION TECHNOLOGY MVGR COLLEGE OF ENGINEERING

FINAL YEAR STUDENTS - EXIT FEEDBACK ON PO & PSO

CAY :	BATCH:	Date :
PROGRAM	B. Tech. Information Technology	
Optional	Name:	Regd. No:

The department has the following stated objectives for Curriculum Design:

- I. Knowledge of mathematics, science, computing, and engineering fundamentals shall be imparted to the students, followed by the study program's breadth and in-depth studies. Further, students are equipped with laboratory and project-based experiences and proficiency in modern computational tools.
- II. Our graduates will be employed in the computing profession and will be engaged in learning, understanding, and applying new ideas and technologies as the field evolves.
- III. Necessary infrastructure and Academic support shall be provided to ensure that Graduates succeed in pursuing advanced degrees in engineering or other fields and have skills for continued independent, lifelong learning to become experts in their profession and broaden their professional knowledge.
- IV. A framework to promote the ability to organize and present information, to write and speak effective English, to work effectively on team-based engineering projects, and practice ethics inculcating a sense of social responsibility shall be setup

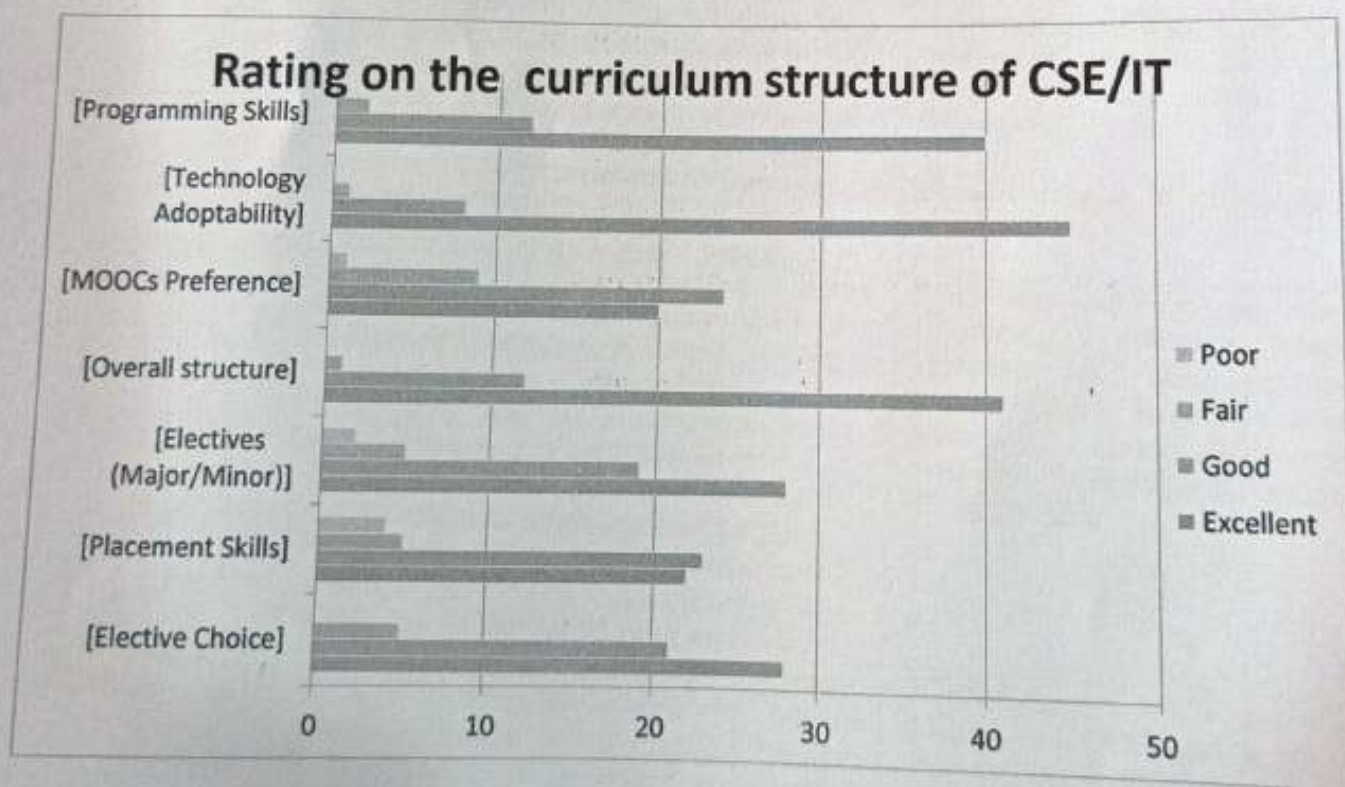
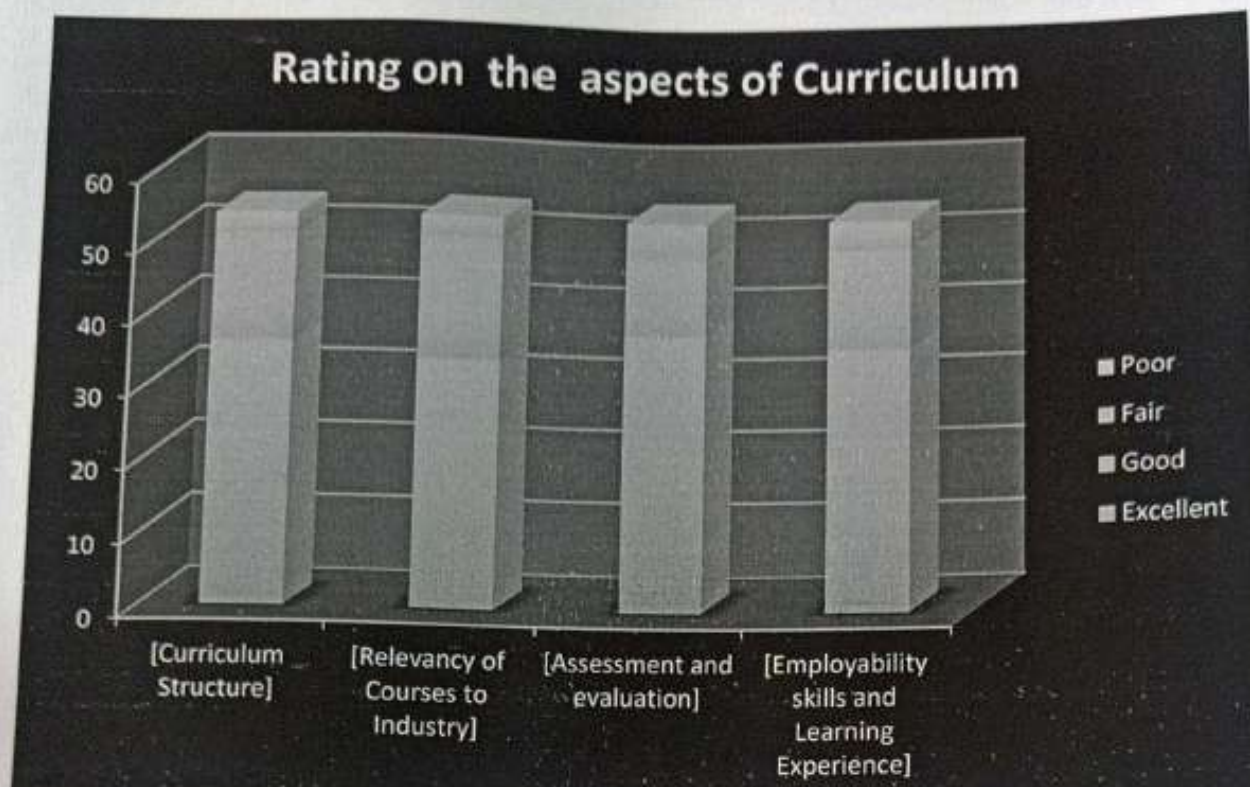
Obj	Description	Score
a	an ability to apply knowledge of mathematics, science, and engineering	
b	an ability to design and conduct experiments, as well as to analyze and interpret data	
c	an ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability	
d	an ability to function on multidisciplinary teams	
e	an ability to identify, formulate, and solve engineering problems	
f	an understanding of professional and ethical responsibility	
g	an ability to communicate effectively	
h	the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context	
i	a recognition of the need for and an ability to engage in life-long learning	
j	a knowledge of contemporary issues	
k	An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.	
l	Selected Computer Science majors will apply their course learnings to research, leading either to graduate or continuing research in an industrial setting.	
Total		

RATING CRITERIA:

Excellent(E)	Good(G)	Average(A)	Poor(P)	No Comment(NC)
5	4	3	2	1

Please feel free to write any other expectations you might have from the B. Tech (IT) program.

Sample Reports:



Department of Management Studies

Policy on Feedback Mechanism for Design and Review of Syllabus

The policy followed by the Department of Management Studies for the design and review of the program structure and the syllabi of the courses offered in the program is defined in the ensuing sections.

The Department rigorously engages in formulating the Vision, Mission, Program Educational Objectives, Program Outcomes and Syllabus by discussing with stakeholders and experts, coordinated by Department Planning and Assessment Committee (DPAC), comprising Head of the Department and senior faculty members of the department.

A. VISION AND MISSION

Process involved in defining Vision and Mission

1. DPAC initiating the formulation process based on the existing Vision, Mission and PEO Statements
2. Stake holders' inclusive discussion in meetings to formulate vision and mission statement.
 - a. Internal: Administration, Faculty and Students.
 - b. External: Parents, Industry Experts, alumni, employers and BoS.
3. Compiled by DPAC.
4. Submission to Governing Body for approval.
5. Periodic Review.

B. PROGRAM EDUCATIONAL OBJECTIVES

Process involved in defining PEOs of the Program

1. PEOs are evolved in DPAC's discussions based on final Vision-Mission statements
2. DPAC prepares initial draft
3. The draft is shared with all stake holders for discussions
 - a. Internal: Administration, Faculty and Students.
 - b. External: Parents, Industry Experts, Alumni, Employers and BoS.
4. Compiled by DPAC.
5. Submission to Governing Body for approval.
6. Periodic Review.

C) BOARD OF STUDIES - STRUCTURE & FUNCTIONS

As an autonomous institution the college follows academic syllabi and course structure as recommended by the Board of Studies and approved by college academic council. As such the composition of BoS and functions are as follows.

Composition of Board of Studies:

1. Head of the Department concerned (Chairman).
2. The entire faculty of each specialization.
3. Two subject experts from outside the Parent University to be nominated by the Academic Council.
4. One expert to be nominated by the Vice-Chancellor from a panel of six recommended by the college principal.
5. One representative from industry/corporate sector/allied area relating to placement.
6. One postgraduate meritorious alumnus to be nominated by the principal. The Chairman, Board of Studies, may with the approval of the principal of the college, co-opt:
 - (a) Experts from outside the college whenever special courses of studies are to be formulated.
 - (b) Other members of staff of the same faculty.

Functions:

The Board of Studies shall:

- (a) Prepare syllabi for various courses keeping in view the objectives of the college, interest of the stakeholders and national requirement for consideration and approval of the Academic Council;
- (b) Suggest methodologies for innovative teaching and evaluation techniques;
- (c) Suggest panel of names to the Academic Council for appointment of examiners; and
- (d) Coordinate research, teaching, extension and other academic activities in the department/college.

Members of BoS (2019-20)

S. No	Name	Title	Organization
1	Dr.K.S.S.RamaRaju	Chairman/BoS	HoD-MBA- MVGR
2	Prof. R.Ravi Kumar	Member	IIM-Bangalore
3	Prof. M.Ravindar Reddy	Member	NIT-Warangal
4	Prof. P.Viswanadham	Member	JNTUK- Nominee
5	Mr. G.Sambasiva Rao	Member	Chairman, AP Chambers of Commerce and Industry Federation (ASSOCHAM)
6	Dr. GBS.Prasad	Member	Director (Personnel) RINL, Visakhapatnam
7	Mr. Y.Sankar(Alumni)	Member	Delloitte, Hyderabad
8	All members of faculty from MBA department	Member	MVGR College of Engineering

MVGR COLLEGE OF ENGINEERING (A)
DEPARTMENT OF MANAGEMENT STUDIES

EXIT FEEDBACK FORM

Dear Student,

These are the Learning Outcomes or Program Outcomes which is expected to be acquired by the graduates after the successful completion of this two year PG Management Program (MBA) which you have just finished. Please self-rate (✓) the extent of your attainment of the following expected outcomes. Your feedback helps us improving the curriculum. Thank you for sparing your time.

S. No	Attributes	High Level of Attainment	Medium Level of Attainment	Low Level of Attainment
1	Apply knowledge of management theories and practices to solve business problems.			
2	Foster Analytical and critical thinking abilities for data-based decision making.			
3	Ability to develop Value based Leadership.			
4	Ability to understand, analyze and communicate global, economic, legal, and ethical aspects of business.			
5	Ability to lead themselves and others in the achievement of organizational goals, contributing effectively to a team environment.			
6	Generate business ideas, develop business plans, understand regulatory requirements, and locate sources of finance and other resources to start new business ventures.			

NAME OF THE STUDENT:

Regd. Number:

EMPLOYER/SUPERIOR FEEDBACK FORM

Dear Sir/Madam,

Greetings from MVGR-MBA.

We are thankful to you, for providing employment to graduates of our institution. We strive continuously to make the students industry ready, yet we understand that there lies a gap between the two. We like to bridge the gap in conjunction with you.

We shall be very much happy and grateful if you spare some of your valuable time to fill up this feedback form as an employer/ immediate superior of our graduates.

We shall appreciate your feedback which will help us to improve our pedagogy and enhance quality of forthcoming graduates.

Name of employee (Our Alumni): ADARSH KUMAR SHARMA.

Please rate (✓) the extent of performance of our students among the following areas.					
Attributes	Excellent	Very good	Good	Average	Poor
General Communication skills			✓		
Working as a part of team		✓			
Applying Management knowledge in developing practical solutions to Workplace Problems			✓		
Analytical and critical thinking abilities			✓		
Ability to develop leadership qualities among peers			✓		
Ability to apply macro-economic and environmental aspects in decision making			✓		
Contributions towards accomplishment of organizational goals as a part of team		✓			
Open to new ideas and plans			✓		
Organizing skills and resource mobilization			✓		

Feedback given by:

Name: RAJENDRA CHINTHAN Position: Lead-HR Email: Rajendra@primusglobal.com
Company/Organization: PRIMUS GLOBAL TECHNOLOGIES PVT LTD

Please email the scanned copy of the filled in form to **mbahod.mvgr@gmail.com** or handover to employee (Our Alumni) for further process.

HOD,
Department of Management studies,
MVGR College of Engineering (Autonomous),
Viziangararam.
Andhra Pradesh.
India.

ALUMNI FEEDBACK FORM

Dear Student,

Greetings from your Alma-mater.

We are thankful to you for being part of MVGR. We strive continuously to make our important stake holder (you) industry ready, yet we understand that there lies a gap between the two. We like to bridge the gap in conjunction with you.

We shall be very much happy if you spare some of your time to fill up this feedback form as an Alumni of this institution, which will help us to improve our strengths and to better develop the expertise of your successors.

In this regard, we wish to know how you have fared well in the attributes mentioned below at your workplace.

Please self-rate (✓) the extent of your performance among the following areas at your work place.					
Level of your performance in....	Excellent	Very good	Good	Average	Poor
General Communication skills		✓			
Working as a part of team		✓			
Applying Management knowledge in developing practical solutions to Workplace Problems			✓		
Analytical and critical thinking abilities			✓		
Ability to develop leadership qualities among peers			✓		
Ability to apply macro-economic and environmental aspects in decision making			✓		
Contributions towards accomplishment of organizational goals as a part of team		✓			
Open to new ideas and plans			✓		
Organizing skills and resource mobilization			✓		

Name: ADARSH KUMAR SHARMA Position: Associate -HR Email: Adarshsharma73@gmail.com

Company/Organization: PRIMUS GLOBAL TECHNOLOGIES

Please email the scanned copy of the filled in form to your project guide.

HOD,
Department of Management studies,
MVGR College of Engineering (Autonomous),
Viziangararam.
Andhra Pradesh.
India.

TRAINING AND PLACEMENT CELL

MVGR COLLEGE OF ENGINEERING



FEEDBACK SURVEY

1. Do our graduates meet your expectation?

☐ Above Expectation ☒ Upto Expectation ☐ Average Expectation ☐ Below Expectation

2. How well do you think the program has strengthened links between the Academic and Industry?

☐ Above Expectation ☒ Upto Expectation ☐ Average Expectation ☐ Below Expectation

3. To what extent you are satisfied with the progress of our Graduates in professional career?

☐ Above Expectation ☒ Upto Expectation ☐ Average Expectation ☐ Below Expectation

4. Whether our graduates are able to properly address various ethical, environmental and safety codes framed by your organization or by concerned public institutions?

☐ Above Expectation ☒ Upto Expectation ☐ Average Expectation ☐ Below Expectation

5. Whether our graduates are able to carry out your assigned work with adequate managerial skills as well as communication skills?

☐ Above Expectation ☒ Upto Expectation ☐ Average Expectation ☐ Below Expectation

6. Whether our graduates are able to face the real life engineering problems and able to design feasible solutions?

☐ Above Expectation ☒ Upto Expectation ☐ Average Expectation ☐ Below Expectation

7. To what extent you rate the ability of our Graduates to work as team member?

☐ Above Expectation ☒ Upto Expectation ☐ Average Expectation ☐ Below Expectation

8. To what extent our Graduates emphasize on economical suitable technologies at the work place?

☐ Above Expectation ☒ Upto Expectation ☐ Average Expectation ☐ Below Expectation

9. Whether our graduates are able to solve your problems through required innovation and research?

☐ Above Expectation ☒ Upto Expectation ☐ Average Expectation ☐ Below Expectation

10. To what extent you are satisfied with the progress of our Graduates in professional career?

☐

Above Expectation

☒

Upto Expectation

☐

Average Expectation

☐

Below Expectation

11. What is the overall rating of our graduates?

☐

Above Expectation

☒

Upto Expectation

☐

Average Expectation

☐

Below Expectation

Any Other Suggestions:

Nothing specific. Institute is already taking lot of efforts in aligning with industry and especially is very supportive to our initiatives. They are training their students well in meeting company expectations.

Please keep up the good efforts and wishing the institute all the best.

Name: Karthik Abhirama Krishna

Designation: Manager – HR, Campus Recruitment Lead – Hyderabad Region

Company: Tata Consultancy Services

Action Taken Report on Curriculum –A1

MAHARAJ VIJAYARAM GAPATHI RAJ COLLEGE OF ENGINEERING(AUTONOMOUS)

Vijayaram Nagar Campus, Chintalavalasa, Vizianagaram-535005, Andhra Pradesh

Accredited by NAAC with 'A' Grade & Listed u/s 2(f) & 12(B) of UGC

(Approved by AICTE, New Delhi and Permanently Affiliated by JNTUK-Kakinada)

NBA Accredited UG Courses: B.Tech(MEC), B.Tech(CIV), B.Tech(EEE), B.Tech(ECE), B.Tech(CSE), B.Tech(IT),
B.Tech(MEC) & B.Tech(CHE) and PG Course: MBA

DEPARTMENT OF CIVIL ENGINEERING

Action Taken Report on A1 Curriculum

a) Undergraduate Program (B.Tech in Civil Engineering)

Minutes of 1st BOS Meeting

Agenda

1. To review and recommend draft curriculum for B.Tech & M.Tech
2. To review assessment and evaluation procedures.
3. To review academic regulations
4. To review the I & II semester syllabus
5. To review the extracurricular activities and audit courses

Members present in BoS

Name	Description
Dr. SSSV Gopala Raju, Head of the Department.	Chairman
Dr. D. Nagesh Kumar, IISc, Bangalore	Academic Expert
Prof. K.V.L. Subramaniam, HOD, Dept. of Civil Engg. IIT, Hyderabad	Academic Expert
Sri N R Stevenson, Steel Plant, Vizag	Industry Expert
Sri K.Surya Prakash, L&T, ECC	Industry Expert
Dr. Ch.Purnachandra Rao, Asst. Principal	Member
Dr. K.Rajeswara Rao, Dean, Civil Infrastructure	Member
Dr. K.Suryanarayana, Professor	Member
Dr. P. Markandeya Raju, Professor	Member
Dr. S. Chandra Mouli, Professor	Member
Sri. B. Ramesh Raju, Associate Professor	Member
Dr. Partheepan Ganesan, Associate Professor	Member
Mr. SMS Varma, Assistant Professor	Member
Mr. A.Vara Prasad, Assistant Professor	Member
Mr. Ch.V.Ravi Sankar, Assistant Professor	Member

Mr. P.Sudheer, Assistant Professor	Member
Mr. R.P.Singh, Assistant Professor	Member
Mr.B.Ramu, Assistant Professor	Member
Dr.N.Natarajan, Assistant Professor	Member
Mr. S.Siva Prasad, Assistant Professor	Member
Mr. T.P.Sreejani, Assistant Professor	Member
Mr. S.Purushotham Rao, Assistant Professor	Member

The meeting started with a presentation by the Head of the Department (Dr.SSSV Gopala Raju)

The following points were discussed in the presentation.

1. The marks allotted for laboratory internals may be increased from 40 to 60 since the student is being continuously monitored (Prof. Subramaniam). Equal weightage of 50-50 can be adopted for the internal and external as far as laboratory is concerned (Mr. Surya Prakash)
2. The minimum percentage of credits that a student needs to clear at the end of III semester for him to be promoted to V semester has to be increased to 60% rather than 50%(Prof. Nagesh Kumar)
3. The minimum pass mark in all theory subjects for a M.Tech student should be increased from 40 to 50 (Mr. Surya Prakash, Prof. Nagesh Kumar)
4. Prof. Subramaniam suggested to have minimum number of credits to be allocated for liberal arts (like economics, English literature, sociology, psychology, etc except professional ethics)
5. Prof. Subramaniam suggested to modify the course title “Design and drawing of steel structures” as Design of Steel Structures” as it covers only one unit on drawing. Its good that a course on rural roads has been introduced as the government is planning for some projects in this direction in future (Prof. Subramaniam).
6. Along with Air pollution control, a course on environmental management system (EMS) should be introduced as an open elective (Mr. Stevenson).
7. Creative arts can be included into soft skills (Prof. Subramaniam).
8. German and French languages should be offered to the students as audit courses (Mr. Stevenson) as they are also used worldwide.
9. The panel felt that the second semester syllabus of B. Tech is very low. Some subjects should be shifted from first semester to second semester (Prof. Subramaniam).
10. Communication skills of students should be improved as it is observed that the AP students struggle to communicate properly (Mr. Surya Prakash).
11. Mr. Stevenson suggested to include industry interaction in the curriculum.

Minutes of 2nd BOS Meeting

General

The meeting was started by Dr.SSSVGopalaraju, Head of the Department, by welcoming all the members of the BoS of Civil Engineering Department.

A power point presentation was given by the HoD on the recent developments happened in the departmentsince after first BoS meeting and then he presented the compliance report of the first BoS meeting and closed the presentation by mentioning the agenda of this present meeting i.e on to finalize the syllabus for 2nd, 3rd and 4th year Civil Engineering subjects.

Prof. KVL Subramaniam raised a question regarding the conduct of supplementary examinations immediately after results declared. It was confirmed by the HoD that supplementary examinations are being planned by the college immediately after results declared.

While presenting the course structure of 2nd, 3rd and 4th year Civil Engineering, Prof. KVL subrmanyam suggested that the titles of the courses should be in tune with the employer. All other members agreed with this and he made a particular change in the title for the subject water supply engineering to Environmental Engineering-I or Public Health Engineering.

All the members suggested regarding audit courses to mention pass or fail in the certificate based on attendance or any other criteria to create seriousness among the students.

Mr.Stevenson advised to have one subject on life valuation of the buildings if possible or at least include in the Estimation and Costing subject. Also he advised to have one course on ISO 9002-2008 in the audit courses.

The external members raised a question regarding teaching of audit courses. This was clarified by HoD saying that these courses are being taught by inviting external persons.

Mr. K.SuryaPrakash felt that Geology should be a core subject than Elective. But the clarification for keeping geology in core was given by HoD.

Semester-Wise/Subject-Wise Comments

III Semester

Strength of Materials

- 1) Suggested to include Castigliano's theorem on application for beams with indeterminate one.
- 2) Advised to keep the reference book Beer and Johnston as text book and felt that it is costlier.
- 3) Advised to review the book Junarkar and Shah to keep it in the text books.
- 4) Advised to modify the course outcomes and also suggested to include the following
“ To draw SFD and BMD for beams”

Elements of Surveying

- 1) Members felt that Unit-V contains huge syllabus and hence suggested to shift some topics to Transportation Engineering and also advised to include lead and lift in earth work computations and also IS1200.
- 2) Advised to remove the text book B.C.Punima and to include the reference book Subramanian as text book. Advised to review Duggal which is kept in text books.

Fluid Mechanics

- 1) Felt that the course is heavy. The number of hours to be increased to Unit-III from 10 to 12 hrs and TEL and HGL to be shifted to Unit-IV.
- 2) Advised to remove Rajput in text books and to include Subramanya as text book.

Building Materials and Concrete Technology

- 1) Advised to include supplementary cementitious materials like fly ash, GGBS, silica fume, RHA and Calcinated ash in Unit-II.
- 2) Also suggested to include fly ash mix design in Unit-VI.
- 3) Suggested to include P K mehta, Mindes and Young books in text books and relevant IS codes in reference books.

Surveying Laboratory

- 1) Suggested to carry out a small project work as a part of lab using total station.
- 2) Suggested to include traversing using total station

Fluid Mechanics Laboratory

- 1) Suggested to include experiments on minor losses due to sudden expansion, elbow, bend, pitot tube and design experiments.
- 2) Suggested to include subramanya book in references. Advised to include the following course outcomes
“to demonstrate the type of flow”

IV Semester

Strength of Materials –II

- 1) Felt that the course is heavy.
- 2) Suggested to make Unit-IV as Unit-III and vice versa.
- 3) Advised to remove theories of failure in Unit-1 and to be kept in Unit-IV .
- 4) Advised to remove core of a section/determination of stresses in retaining wall and dmas-conditions for stability and to include theories of failure.
- 5) Advised to include Beer &Jhonson in reference books.

Hydraulics and Hydraulic Machinery

- 1) Advised to simplify course objectives.
- 2) Advised to dilute Unit-III and merge into Unit-II
- 3) Suggested to include one Unit on Dams and Reservoirs
- 4) Advised to chngte the order of units as follows

Unit-I and Unit-II on Open channel flow, Unit-III on Dimensional analysis, Unit-IV on Dams and reservoirs and Unit V and Unit VI on Turbo Machinery.

Structural Analysis

- 1) Advised to include BMD by superposition method in Unit-1
- 2) Advised to keep Hibbler in text books

Building Planning & Drawing

- 1) Advised to change the title as “Building Planning & Civil Engineering Drawing”
- 2) Advised to combine Unit-2 and Unit-3 and include NBC
- 3) Advised to include one unit on interpretation of drawings and asked to include R.C.C and industrial drawings, pipe network drawings etc.,

Advanced Surveying(Core Elective-I)

- 1) Advised to change the title of Unit-IV as Satellite Photogrammetry and Aerial photographs as Satellite Photographs and asked to include Drones –Survey
- 2) Advised to remove textbook by Punmia and include any other good book on surveying.

Advanced Concrete Technology(Core Elective-I)

- 1) Advised the following changes in Unit-1:
Economic Analysis – rate analysis
Properties effecting the materials – properties effecting the admixtures
Asked to include scarcity, sustainability, carbon footprint, pros and cons of alternate materials
- 2) Advised to include Poprous concrete in Unit-III

- 3) Advised to change Unit –IV as Unit-VI and Unit-V as Unit –IV.
- 4) Advised to remove Design of FRS and HPC in Unit-V
- 5) Asked to make one unit on Admixtures and concrete durability aspects and also shrinkage, alkali testing and its attack, issues with cement, fineness of cement and relative content of fly ash.
- 6) Unit-VI can be merged in Unit-V

Engineering Geology(Core Elective-I)

- 1) Advised to include concept of seismic waves in Unit-IV.
- 2) Suggested to solve some numericals while explaining the concepts of electrical resistivity method in Unit-V.
- 3) Advised to include Engineering Geology by K V S G Gokhale in text books.

Strength of Materials Laboratory

- 1) Advised to include design experiments
- 2) Advised to have demonstrations on shot peening for stress removal in collaboration with industries like BHPV, RNIL etc.,

Hydraulic Machinery Laboratory

- 1) Advised to include design experiments
- 2) Advised to have demonstrations on submersible pumps.

Minutes of 3rd BOS Meeting

General:

The meeting was started by Dr.S.Chandramouli, Head of the Department, by welcoming all the members of the BoS of Civil Engineering Department.

A power point presentation was given by the HoD on the recent developments happened in the department since after second BoS meeting and then he presented the compliance report of the second BoS meeting and closed the presentation by mentioning the agenda of this present meeting i.e to finalize the syllabus for, 3rd and 4th year Civil Engineering subjects and to discuss the modifications proposed on some subjects which are ratified in previous BoS meetings.

Dr.Prasada Raju and Prof.KVL subramaniam suggested rearranging the subjects in core electives such that each elective should preferably contain one subject in structures, one in geotechnical or transportation and one in water resource or environmental engineering.

Dr. S.S.S.V.Gopal Raju suggested to remove tutorial hour for elective courses because the elective courses have only 3 credits.

All the members advised to rewrite course objectives and outcomes using terms like teach, impart, discuss, outline etc.,

Semester-Wise/Subject-Wise Comments

V Semester:

Water Resources Engineering

1. Suggested to include double mass curve in UNIT-1
2. Rewrite Course objectives and Course outcomes

Design of reinforced concrete structures

1. Members felt that syllabus is huge and hence suggested to remove Two way slabs from UNIT IV and keep in Advanced reinforced concrete structures subject in 6th semester.
2. Suggested to remove long columns from UNIT V and limit the syllabus in columns to short columns with axial load and uniaxial moment only.
3. Advice to include serviceability at any appropriate place.
4. Keep the book 'Reinforced Concrete Structures by Park and Pauly' to Reference books.
5. Rewrite Course objectives and Course outcomes

Transportation Engineering:

1. Suggested to include one unit on Introduction to Traffic Engineering and Traffic volume studies.
2. Present contents in UNIT VI can be shifted to UNIT IV and V and include Traffic Engineering in UNIT VI
3. Rewrite Course objectives and Course outcomes.
4. Include relevant IRC codes in Reference books.

Geotechnical Engineering

1. Change number of hours to 8 for UNIT III and 12 to UNIT V.
2. Bring 'Soil mechanics by Lambe and Whitman' to Reference books and add one more book in Text books.
3. Rewrite Course objectives and Outcomes

Water supply engineering:

1. Change the course title to Environmental Engineering-I
2. Include latest topics like 'Ultra filtration, Silica Gel, Activated carbonation etc.,' in UNIT IV
3. Remove 'Water supply Engineering by B.C.Punmia' from text books and keep any one good book from Reference books to Text books
4. Rewrite Course objectives and Outcomes

Project Planning and Management:

1. Include business models in UNIT V
2. Introduce any tool like MS Project, PRIMAVERA for project management in UNIT VI
3. Rewrite Course objectives and Outcomes

Air pollution and control:

1. Include measurement of Noise levels in UNIT VI
2. Rewrite Course objectives and Outcomes
3. Add one book each in Text books and Reference books.

Road safety Engineering

1. Rewrite Course objectives and Outcomes
2. Add one book in text book and one in reference books
3. Include IRC forum for accidents in references

Semester 6th

Design of Steel Structures:

1. Include design of concentric bolt/rivet connection
2. Try to include testing of HSFG bolts in any lab.
3. Rewrite Course objectives and Outcomes

Advanced Reinforced concrete structures:

1. Keep Design of Two way slabs in one unit.
2. Remove Deflections in Prestressed members.
3. Include design of simple prestressed beam.
4. Include one course objective and outcome on two way slabs
5. Rewrite course objectives and outcomes

Foundation Engineering:

1. Include use of Bentonite in UNIT V
2. Include IS 1904 and IS 2911 in reference books
3. Rewrite course objectives and outcomes

Waste water engineering:

1. Change title to Environmental Engineering II
2. Introduce latest treatment techniques like SBR, MBR etc., at appropriate places

Advanced Structural Analysis

1. Reduce content in UNIT V, give only introduction to flexible method. Reduce number of hours to 5.
2. Increase number of hours for UNIT VI to 12.

Building Construction & Services (Core Elective II)

1. Remove UNIT I (Foundations)
2. Introduce energy conservation, Green buildings, MEP

Construction Equipment and Methods

1. Combine UNIT IV and V
2. Put one unit on Construction methods like concrete pumping, Form works etc.,

Traffic Engineering

1. Include Traffic signs and Road markings in UNIT II

Disaster Management

1. Replace the term disasters to hazards in UNIT I and II

2. Include magnitude of various hazards in UNIT II

Applications of RS&GIS

1. Include TIN and DEM in UNIT II

Semester 7:

Estimation and quantity surveying:

1. Change the title to “Estimation and contracts”
2. Include SSR in UNIT IV
3. Include use of relevant software for quantity estimation like TALLY BUILDING in UNIT VI

Railways, Harbours and Airports

1. Include different types of railway transport like CRTS, Metro etc.,

Advanced Water Resources Engineering

1. Include design of aqueduct
2. In UNIT II, keep only types and performance in outlets
3. Replace ‘Irrigation and water power engineering by B.C.Punmia’ with some other book

Structural Dynamics

1. Remove UNIT –III (Numerical Evaluation of Dynamic Response)
2. Remove “Soil structure interaction effects’ in UNIT VI
3. Combine UNIT-V and UNIT-VI and split into three units.

Earthquake resistant design of structures:

1. In UNIT-IV, specify Design of simple portal frame by response spectrum method
2. Make UNIT –VI simple by limiting the syllabus to Introduction, boundary elements and detailing of shear walls.

Pavement Analysis, Design and Evaluation

1. Design of pavements is already covered in Transportation Engineering in Semester 5. Change UNIT –IV and UNIT-V.
2. Bring book on ‘Principles of Pavement Design-E.J.Yoder, M.W.Witczak’ to Reference books and replace with some other book in Text books.

Advanced Structural Design

1. In UNIT-I, include flat slabs with drops also.
2. In UNIT-IV, Replace Design of culverts with Design of Water tanks
3. In UNIT-V, Replace Design of Bridges with Design of R.C. Chimneys
4. Remove Strut-and-Tie method in UNIT-VI

Core Elective-V

Ground Improvement Techniques

1. In UNIT-IV, try to include design aspects of soil nailing

Introduction to Finite Element Methods

1. Committee felt the syllabus is very huge for UG level students. So suggested to revise the syllabus and make it very basic and simple.

Project planning and management

1. In UNIT –VI, introduce tool on project management like MS Project.

Repair and rehabilitation of structures

1. Suggested to move some portion of syllabus in UNIT-I to UNIT-II
2. Rename UNIT-III as ‘Repairing and Strengthening of Multi storey structures’ because jacketing, external pre-stressing comes under strengthening techniques.
3. Include the term ‘strengthening’ in UNIT-IV title.
4. Write ‘Heritage buildings’ instead of temples in UNIT-IV
5. Remove ‘sinking’ of piles in UNIT-V
6. Remove book on ‘Repairs of Fire Damaged Structures by Jagadish. R’ from text books, because syllabus does not contain anything related to fire damage.

Hydro Power Engineering

1. Keep only 3 books in Reference books

Design and Drawing of Irrigation Structures

1. In UNIT-II, keep design of super passage

Environmental Impact Assessment and Management

1. Remove Ecology part in UNIT-VI and replace with Regulations

Core Elective VIII

Solid Waste Management

1. In UNIT-III, replace the term ‘commercial wastes’ with ‘industrial wastes’

b) Post-Graduation Program (M.Tech in Structural Engineering)

Changes in A1 Regulation in comparison with R13 regulation Approved by BoS Members

- In R13 Regulation, I semester to IV semester total number of credits per semester is 20 credits. In A1 regulation, I semester and II semester total number of credits per semester are 24 credits and III semester and IV semester total number of credits are made to be 16 credits.
- As per R 13 regulation, Dissertation / Thesis has 18 credits in III semester and 18 Credits in IV semester. Hence, in R 13 regulation, the total credits for Dissertation / Thesis is 36 Credits. In A1 regulation, Project phase I is carried out in III semester for which 8 credits are allotted and in IV semester, for Project Phase-II 16 credits are allotted. Now, in A1 regulation total credits for Project work is 24 credits.
- In R13 regulation Mandatory courses and Elective Courses have 3 credits and Laboratory courses have 2 credits. In A1 regulation, Mandatory courses have 4 credits and Elective courses have 3 credits and laboratory courses have 2 credits.
- Comprehensive viva voce is introduced in 3rd semester in A1 regulation for 2 credits.
- Research methodology course is offered in A1 regulation for 2 credits. Also, Pre-requisite study course is allotted 2 credits.
- In I Semester, mandatory course “Matrix analysis” course in R13 regulation is made as Elective course and renamed as “Advanced structural analysis” in A1 regulation.
- Structural dynamics and Earthquake resistant design are two different courses in R13 Regulation. In A1 Regulation, it is merged and renamed as “Structural Dynamics and Earthquake resistant design”.
- Theory of plates and shells course in R13 regulation is offered as Elective course in A1 Regulation.
- In R13 Regulation, Substructure design is offered as elective course. In A1, Substructure design course is offered as mandatory course in 2nd semester.
- CAD Laboratory in II semester of R13 regulation is renamed as “Computer Applications in Structural Engineering Laboratory”.
- Total number of credits in A1 regulation is maintained as 80 as in R13 regulations. Also the total number of core and elective courses are maintained in A1 regulations is same as that in R13 regulations.



Action Taken Report on A1 Regulations

The following is the report on actions taken on the suggestions made during the meeting of “Board of Studies” on Electrical & Electronics Engineering (UG) and Power Systems (PG) programs held on 13-06-2015 at 10.00 A.M and subsequently on 09-01-2016 at 10:00AM, in the Department of Electrical & Electronics Engineering, MVGR College of Engineering, Vizianagaram. These suggestions include the suggestions from the students through meetings with class representatives. The Faculty, Employers and Alumni are all part of the Board of Studies and their suggestions through deliberations in the BOS meeting are thoroughly considered and implemented

FOR B TECH PROGRAM

1. A course on “Condition Monitoring may be added in the curriculum.

A course on “Condition Monitoring of Electrical Equipment” is added in the curriculum as an core elective subject

2. In the subject “Embedded Processors” topics related to FPGA, DSP Processors like TMH 28 Series for power system applications may be included.

Relevant topics has been introduced in the first unit and applications are incorporated in last unit.

3. In the course “Power semi conductor drives”, topics related to PMDC based drives may be incorporated.

A topic on PMSM has been incorporated in 5th unit.



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4. The course “Power Generation Operation & Control” may be split and operation and control part may be made as different course.

Keeping in view the credit distribution, operation & control is incorporated as a different course named “Power System Operation & Control” as a core elective.

5. The course “Switchgear & Protection” may be kept as core elective and a course on communication systems may be incorporated as a mandatory course

A course titled “Principles of communication Systems” is incorporated in the curriculum as core mandatory subject in VII semester.

6. In Electrical Measurements most of the part should be digital and analog should be compressed. This subject should be there after Signals and Systems and Digital ICs

Analog measurements has been compressed to accommodate 3 units pertaining to transducers and digital meters

7. Signals and Systems subject should be in 1st semester and Control Systems in 2nd semester of 2nd Year

The curriculum had been adjusted accordingly

8. In Power Systems Lab, Scott connection of transformers, Load frequency Control can be combined and separate experiment with relay should be there

Necessary changes had been done.

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9. Essential aspects of Switch gear and Protection should be covered in Power Systems as the course “Switchgear & Protection” is elective.

Power System courses have been reorganized to accommodate essential aspects of Switchgear and Protection in Computer methods in Power System Protection & also detailed course related to Switch gear and Protection has been included as an elective

10. The following should be part of curriculum

(i) Electrical Machine Design

(ii)Electrical safety

(iii)Substation automation

The above courses are incorporated as core electives.

11. The Measurements lab should be shifted to 6th semester

The curriculum had been adjusted accordingly

12. Compare the curriculum with IIT/NIT/AU/JNTU etc., suggested

Draft curriculum is prepared by considering the course structures of the above suggested esteemed institutions.



FOR M TECH PROGRAM

1. In the course “Smartgrids”, topics on communication protocol, Bigdata and cybersecurity may be included

The said topics have been incorporated in the course.

2. A course on “Condition Monitoring may be added in the curriculum.

A course on “Condition Monitoring of Electrical Equipment” is added in the curriculum as an core elective subject

3. The courses renewable energy may be considered as core and FACTS may be considered as elective.

As both the courses are deemed to be important for PG (Power Systems), they are made core mandatory subjects.

4. In the course “Distribution Automation”, a brief introduction of SCADA may be incorporated.

The topic on SCADA is introduced.

5. In the course “Flexible AC Transmission Systems”, topics on UPFC and “Multilevel Inverters” may be added.

It is very difficult for a student to study both the topics in a single unit, therefore, UPFC is incorporated in the syllabus.



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6. The topic related to “Harmonic Elimination” may be added in the course “Power Quality”

The contents had been modified and the topics were introduced.

7. Industry Internships may be made mandatory.

As such any credits can't be offered for Industry Internships, but the students are advised and motivated to go for a Industry Internship and possibly do an Industry Project.

8. Keeping in view the students pursuing project work in industries or R & D organization there should not be theory subjects during 3rd Semester of M. Tech

Only non-credit courses have been included in 3rd semester

9. Course on “Optimization Techniques” may be put as an elective

Included as an elective

10. In Advanced Control Systems, units 3 and 4 should be compressed to 1 unit (Unit 3) and Unit 5 should be expanded to Units 4 and 5

Necessary changes have been done



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Action Taken Report on A1 Regulations

The following is the report on actions taken on the suggestions made during the meeting of “Board of Studies” on Mechanical Engineering(UG) and Machine Design(PG) programs held on 17-06-2015 at 10.30 A.M, in the Department of Mechanical Engineering, MVGR College of Engineering, Vizianagaram. These suggestions include the suggestions from the students through meetings with class representatives. The Faculty, Employers and Alumni are all part of the Board of Studies and their suggestions through deliberations in the BOS meeting are thoroughly considered and implemented

FOR B TECH PROGRAM

1. Keep tutorial for Mathematics in Ist & 2nd sem

Tutorials are included for all the analytical courses

2. Change the text book for Advanced Materials (Ashby M.F is good)

Recommended book Materials selection in Mechanical Design by Ashby M.F & Bott is added as a Reference Book

3. Change name and Re arrange the topics of Production Technology

Name of Production Technology Course is changed as Manufacturing Processes

4. Name Machine Tool Technology as Machining Processes - Add M. K. Groover, GK Lal & SK Chowdary books for Production Technology

Name of Machine Tool Technology Course is changed as Machining Processes and the recommended books Fundamentals of Modern Machining by M. P. Groover and Fundamentals of Manufacturing Processes by GK Lal & SK



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(Approved by AICTE, New Delhi, , NAAC of UGC with 'A' grade and
how many are added as text and reference books respectively for the above said
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course.



5. Reduce the content in Machine tool technology - Remove text book,

Production Technology by RK JAIN

Content is reduced as suggested and R. K. Jain is removed as text book.

6. Move topic Jigs & Fixtures to Automation in Manufacturing course

Jigs & Fixtures topic is added in the first unit of Automation in Manufacturing
Course

**7. In Machine Tools keep 1 unit of Advanced Machining processes.-Kinematics
related to machine tools.**

Kinematics of various Machine Tools is included in second Unit of Machining
Processes. Specifications of the conventional Machines are included in third Unit.
Advanced Machining processes are added in fifth & sixth units.

8. Add unconventional machining process as one unit in core subject

Unconventional machining processes are added in fourth unit of Machining
Processes course

9. Add Boothroyd Text book for Machining Processes.

Fundamentals of machining and machine tools by Geoffrey Boothroyd is added as
reference Book for Machining Processes course.

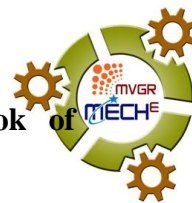
**10. Change Title of metrology & Instrumentation Course - may be changed as
Measurements and Metrology**

Metrology & Instrumentation Course is changed as Measurements and Metrology



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text Books: for Measurements- Doebelin, for metrology, hand book of
metrology , remove RK Jain



Measurement Systems Application and Design by Ernest O. Doebelin is added as
Text book and Hand Book of Metrology, CRC press is added as reference book
for the same course and R. K. Jain is removed as Text Book.

12. Instead of MEMS as one course keep it as one unit in Mechatronics

MEMS is added as a topic in sixth unit in Mechatronics Course

13. FEM may be offered as an open elective

Finite Element Methods is offered as an open Elective

**14. In CAD keep geometry modeling ,concepts, methods, wire frame surfaces
analysis and add some FEA fundamentals - Anupam, sahay Sexena book is
good for CAD**

Fundamentals of Finite Element Analysis are added in the fifth and sixth units in
the Computer aided Design Course. Computer Aided Engineering Design by
Aupam saxena and Birendra sahav is added as Text book for the same.

15. Finite Element for under graduates –AKIN text book is good

Finite Elements for Analysis & Design by J.E. Akin, Academic Press is added as
Text book for the course for Finite Element Analysis and reference book for
Computer aided Design Course.

16. Condition monitoring and vibration can be kept as one course

Mechanical Vibrations and Condition Monitoring course is offered as a Core
Elective in VII th Semester.



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the UGC Act 1956. Department Re-Accredited by NBA of AICTE)
**Optimization Tools is must to all students. Add as one Unit (soft
computing)in core subject (text book –C. Balaji –Optimization Techniques)**



Optimization tools are added sixth unit of Operations Research course and
Essentials of Thermal System Design and Optimization by C. Balaji is kept as a
reference book.

18. Elements of Computer Graphics – Rogers & Adams text book is good

Mathematical Elements for Computer Graphics by D. F. Rogers & J. A. Adams is
added as Text book for the Interactive Computer Graphics course.

**19. Remove IT workshop and modernize regular workshop instead of
Carpentry, Fitting ,Tinsmity-work some labs like**

a) Clay Modelling lab

**b) Assembly and disassembly of small M/c like, iron box, sewing machine,
Power Tools, Bosch Tool kits, pneumatic Tools operation / power tools**

IT & Engineering Workshop is renamed as Engineering Workshop and the
syllabus is completely revamped suiting to the requirements of current generation
Engineers.

20. Compare the curriculum with IIT/NIT/AU/JNTU etc., suggested

Draft curriculum is prepared by considering the course structures of the above
suggested esteemed institutions.



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FOR M TECH PROGRAM

1. **Include all core subjects in one semester and Electives in another semester.**

Four core subjects and two electives are offered in first two semesters and retained the structure for third and fourth semesters.

2. **In core subject fundamental of Design is must (Product Design)**
a) Concepts , b) Material Science C) Mechanisms d) core subject with HT/FM concepts in Design of different Systems.(Forces /fluid interaction / HEAT transfer/Pressure.

Core subjects covering all the above aspects are introduced in the first semester of the course curriculum.

3. **Remove Ship Structural Analysis & Design**

Above course is removed from the Electives offered

4. **Remove Design for Manufacturing –instead FEM/FEA is good**

Design for Manufacturing course is removed and Finite Element Methods is offered as core Course.

5. **Add Industrial Engineering, condition monitoring as electives in one list**

Condition Monitoring is included as an elective.

6. **Passing Moocs is difficult than regular course. How are you evaluating?**



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Faculty should get certified in modes courses and then evaluate the
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students.



Suggestions will be considered for offering MOOCs courses

General Suggestions

- 1 **Term paper /seminar/Term Projects by every instructor may work to improve the self-study of the student.**

Directed study and Seminar are credit courses for B.Tech and M.Tech students respectively to promote self-study

2. **Professional clubs activities will help to inculcate ethics, values, attitude etc.**

Professional club activities are planned on the platforms of SAE Collegiate club, Mechanical Engineering Association, Robotics club.



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Step 5

Meeting of the Academic Counsel (AC)

The Academic Counsel chaired by the Principal of the institute is convened with all the members on the board to ratify the proposals of BOS of various programs. The AC comprises of the following members

- All the Heads of the Program Departments
- Administrative team of the Institution
- Professors from Institutes of repute
- Scientists from Research Laboratories
- Senior Executives from Industry
- A Professor representing the affiliating university

The final version of the program structure and the syllabi of the courses offered which is proposed by the BOS is ratified after deliberations by the members on the counsel.

Action Taken Report on A1 Regulations

The following is the report on actions taken on the suggestions made during the meeting of “Board of Studies” on Electronics and Communication Engineering (UG), VLSI (PG) and Communication Systems (PG) programs held on **13-06-2015, 13-02-2016, 24-06-2017 and 04-08-2018**. These suggestions include the suggestions from the students through meetings with class representatives. The Faculty, Employers and Alumni are all part of the Board of Studies and their suggestions through deliberations in the BOS meeting are thoroughly considered and implemented



Suggestions and action taken report on 1st BOS Meeting held on 13-06-2015

A1 Curriculum and Syllabus of UG (ECE) and PG (M.Tech-VLSI)

UG (ECE) Program

1. Instead of proposing the student to register and secure all credits it is advised to give an option like minimum credits to be obtained for award of degree which should be less than registered credits.
 - Student has to register for all subjects and secure all credits
2. According to the proposed course structure 39 credits are allocated for 1st and 2nd semester. Credits for 1st and 2nd semester must be increased.
 - 39 Credits have been retained for 1st and 2nd Semester
3. Computer programming theory and lab course must be in 1st or 2nd semester.
 - For the benefit of lateral entry students the Computer Programming course has been kept in 3rd Semester
4. Data structures and Java courses are preferred to be laboratory sessions instead of theory.
 - Along with theory classes few lab sessions will be conducted
5. Instead of offering Java as a course, it is preferred to offer the course as application oriented course like web technologies.
 - Java will be dealt as a course and web technologies can be taken by student as an open elective offered by CSE Dept.
6. Electronic Measurements and Instrumentation course must be in core mandatory.
 - EMI has been included in core mandatory
7. Prefer to offer Radar Systems course as core mandatory.
 - Radar Systems course is included in core electives
8. Reorganize the contents of VLSI Laboratory course and try to offer it in 5th or 6th semester.
 - VLSI subject has been reorganized and will be offered in 6th semester
9. Include one subject on life sciences.
 - Life Sciences subject has not been included because of the restriction of credits to 180 credits
10. Make Yoga as compulsory Audit Course
 - Yoga has been included in Audit Courses
11. Modify the titles of Elements of Civil and Mechanical Engineering and Elements of Electrical and Electronics Engineering.
 - The titles have been changed to Basics of Civil and Mechanical Engineering and Basics of Electrical and Electronics Engineering
12. Give scope for 6 months industrial internship in 6th semester.
 - Opportunity for 6 months industrial internship has been given in 8th Semester



13. Prefer to offer Artificial Intelligence and Neural Networks course.
 - Artificial Intelligence and Neural Networks course has been included in core electives
14. Modify Microprocessor and Microcontrollers, VLSI course titles and syllabus offered in open electives
 - The titles have been changed to Microcontrollers and Applications and Basics of VLSI Design
15. Prefer Biomedical Instrumentation course for ECE Students as elective subject.
 - Biomedical Instrumentation course has been included in core electives
16. Prefer Biomedical Engineering course as open elective.
 - Biomedical Engineering course has been included in open electives

PG (VLSI) Program

1. It is advisable to add a course on VLSI Modeling in 1st semester
 - MOS Device Modelling subject has been included in 1st semester
2. Modify VLSI lab – I title and syllabus
 - Title has been changed as FPGA Laboratory and the syllabus has been modified
3. Modify VLSI lab – II title and syllabus
 - Title has been changed as Custom IC Design Laboratory and the syllabus has been modified
 -
4. Modify the syllabus of VLSI Testing the Testability course.
 - Syllabus of Testing and Testability course has been modified
5. Prefer to offer courses on ASIC Design and Full Custom Design.
 - Custom IC Design course has been included in electives
6. Offer one digital related course in 2nd semester.
 - Digital related courses are included in 1st semester
7. If possible add two theory courses in 3rd semester.
 - In order to give opportunity for one year internship to the students theory courses were not included in 3rd semester
8. For submission of project it is mandatory to have at least one publication
 - At least one publication has been made mandatory for submission of M.Tech thesis.



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Suggestions and action taken report on 2nd BOS Meeting held on 13-02-2016

A1 Curriculum and Syllabus of UG (ECE) and PG (M.Tech-VLSI)

1. Computer Architecture & Organization subject may be renamed as Computer Organization & Architecture (COA).
 - Computer Architecture & Organization subject is renamed as Computer Organization & Architecture (COA).
2. Computer Organization & Architecture subject should be taught before Microprocessors and Microcontrollers subject. So it is recommended to shift COA to Core Elective – I and Electronics Circuit Analysis to Core Elective – II
 - Computer Organization & Architecture subject is shifted to Core Elective – I and Electronics Circuit Analysis subject to Core Elective - II
3. Digital Signal Processing (DSP) subject should be taught before Digital Image Processing subject. So it is recommended to shift DSP to 6th semester and Microwave Engineering to 7th semester.
 - Digital Signal Processing (DSP) subject is shifted to 6th semester and Microwave Engineering subject to 7th semester
4. It is recommended to shift Digital Television subject from Core Elective group of III, IV and V to Core Elective group of VI, VII & VIII.
 - Digital Television subject is shifted from Core Elective group of III, IV and V to Core Elective group of VI, VII & VIII
5. It is recommended to shift Cellular Mobile Communication subject from Core Elective group of VI, VII & VIII to Core Elective group of III, IV and V.
 - Cellular Mobile Communication subject is shifted from Core Elective group of VI, VII & VIII to Core Elective group of III, IV and V
6. Suggested to introduce two or three subjects in 8th semester.
 - Discussed in the department staff meeting about the suggestion to introduce two or three subjects in the 8th semester and forwarded the suggestion to College Academic Council for necessary direction.
7. Suggested to add two more interfacing experiments in Microprocessors and Microcontrollers Laboratory
 - Two interfacing experiments on 8279 and 8251 are added in Microprocessors and Microcontrollers Laboratory.
8. Suggested to reorganize Managerial Economics and Financial Analysis and Signals and Systems subjects syllabus.
 - Managerial Economics and Financial Analysis and Signals and Systems subjects' syllabus is reorganized



9. Suggested to modify Unit-I and Unit-II of Electronic Measurements and Instrumentation.
 - Unit-I and Unit-II of Electronic Measurements and Instrumentation subject is modified
10. Suggested to modify Microprocessors and Microcontrollers subject syllabus.
 - Modified Microprocessors and Microcontrollers syllabus
11. Suggested to combine digital IIR & FIR filters and add architecture of TMS320C5XXX in Digital Signal Processing subject.
 - In Digital Signal Processing subject, digital IIR & FIR filters are combined into one unit and architecture of TMS320C5XXX is added in 6th unit
12. Suggested to add slant transform in Digital Image Processing subject.
 - Slant transform topic is added in Digital Image Processing subject

Suggestions and action taken report on 3rd BOS Meeting held on 24-06-2017

A1 Curriculum and Syllabus for PG (M.Tech-Communication Systems)

1. Suggested to shift Optical Fiber Communication from elective to core subject.
 - Optical Fiber Communication subject is shifted from elective to core
2. Suggested to rename Modern Digital Communication Techniques subject as Digital Communication Techniques.
 - Renamed Modern Digital Communication Techniques subject as Digital Communication Techniques
3. Suggested to shift Detection and Estimation Theory subject to 1st semester.
 - Detection and Estimation Theory subject is shifted to 1st semester
4. Suggested to modify the syllabus of Information Theory and Coding and also to change the subject name as Coding Theory and Techniques.
 - Syllabus of Information Theory and Coding is modified as per suggestions and title of the subject is renamed as Coding Theory and Techniques
5. Suggested to remove the following subjects:
 - Modern Radar Systems
 - Multirate Signal Processing and Filter Banks
 - Microwave Components and Networks
 - Adaptive Signal Processing.
 - Image and Video Processing.
 - Smart Antennas.
 - Following subjects have been excluded from the drafted course structure:
 - Modern Radar Systems



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- Multirate Signal Processing and Filter Banks
 - Microwave Components and Networks
 - Adaptive Signal Processing.
 - Image and Video Processing.
 - Smart Antennas.
6. Suggested to include the following subjects:
- Satellite Communications
 - IoT and Applications
 - Telecommunication Systems
 - Speech Processing
 - Data Communication and Networks
 - Cryptography and Network Security
 - Included the following subjects in the modified course structure:
 - Satellite Communications
 - IoT and Applications
 - Telecommunication Systems
 - Speech Processing
 - Data Communication and Networks
 - Cryptography and Network Security
7. Suggested to modify the syllabus of Global Positioning System and also to change the subject name as GPS and Navigational Systems.
- Syllabus of Global Positioning System is modified and the subject title is changed to GPS and Navigational Systems.
8. Suggested to modify the syllabus of Advanced Wireless Communication and also to change the subject name as Wireless Communication Systems.
- Modified the syllabus of Advanced Wireless Communication subject and the title of the subject is renamed Wireless Communication Systems
9. Suggested to include experiment on Radio Receiver.
- Included experiment on Radio Receiver in Communication Systems Lab
10. The BoS has ratified the recommendation of additional subject to the student with Regd.No 15335A0419 to balance the difference in credits due to change in curriculum for R13 to Autonomous A1.



Suggestions and action taken report on 4th BOS Meeting held on 04-08-2018

UG (ECE) and PG (VLSI & Communication Systems)

1. Suggested to shift the topic “convolution of signals” from Unit-V to Unit-III in Signals and Systems (A1ECT204) subject in III Semester.
 - Shifted the topic “convolution of signals” from Unit-V to Unit-III in Signals and Systems (A1ECT204) subject in III Semester
2. Suggested to continue to the same syllabus for Microprocessors and Microcontrollers (A1ECT214) subject in V Semester.
 - Same syllabus is retained for Microprocessors and Microcontrollers (A1ECT214) subject in V Semester
3. Suggested to swap Unit-III and Unit-IV in VLSI Design (A1ECT216) subject in VI Semester.
 - Swapping of Unit-III and Unit-IV in VLSI Design (A1ECT216) subject in VI Semester has been done.
4. Suggested to modify the syllabus of Unit-II, Unit- III and Unit-V in Electronic Switching systems (A1ECT306) subject in VI Semester. The topics “2-stage, 3-stage and n-stage networks” in Unit-II are repeated again in the topic “Link Systems” in Unit-V. Signaling concepts are repeated in Unit-III part 1 and 2.
 - Syllabus of Unit-II, Unit- III and Unit-V in Electronic Switching Systems (A1ECT306) subject in VI Semester has been modified as per the suggestions
5. Suggested to interchange the Unit-IV and Units-VI in Analog Communications A1ECT208 Subject in VI semester.
 - Syllabus of Analog Communications (A1ECT208) Subject in VI semester has been retained
6. Suggested to reorganize syllabus of Unit-IV and Units-V of Wireless sensors and Networks A1ECT310 Subject in VI semester as the syllabus in Unit-IV is lengthy.
 - Syllabus of Unit-IV and Units-V of Wireless sensors and Networks A1ECT310 Subject in VI semester has been re-organized
7. Suggested to add “Introduction to RADOMES” in Unit-VI of Radar Systems (A1ECT313) Subject in VII semester.
 - Introduction to RADOMES has not been included in Unit-VI of Radar Systems (A1ECT313) Subject in VII semester but it is covered as an additional topic.
8. Suggested to continue to the same syllabus for Electronic Devices and Circuits (A1ECT301) subject in II Semester, Electronics Circuit Analysis (A1ECT303) subject in V Semester and Information Theory and Coding (A1ECT307) subject in VI semester.
 - Syllabus of Electronic Devices and Circuits, Electronic Circuit Analysis and Information Theory and Coding has been retained



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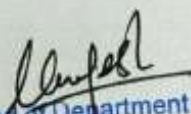
9. Suggested to introduce Embedded systems subject and Embedded systems Lab in appropriate semester.
 - Embedded and Real Time Operating Systems (A1ECT308) has been included in core electives
10. Suggested to continue the same course structure and syllabus for M.Tech (VLSI) and M.Tech (Communication Systems).

Action Taken Report for Feedback on A1 Regulation

Action Taken Report on A1 Regulation UG Program (CSE/IT)

Stakeholder	Recommendation/Suggestion	Action Taken
Expert from Reputed Institute	If there is any scope, we should try and reduce some basic sciences/engineering sciences courses in I & II semesters and introduce discipline specific introductory courses.	Given there is a strict definition of components required for Basic Sciences, Humanities and Engineering sciences, we have not been able to address the first point suggested above in the Board of Studies meeting. As structure is the same for all disciplines in Year I, it is currently not viable to put more discipline specific courses in Semester I and II.
University Nominee	In our academic regulations, gap year was provided after the end of Year – I of study. Ideally, gap year would more likely be used and useful after the Year – III of Study. This proposal should therefore be reviewed again.	This suggestion has been forwarded for consideration at institution level.
Alumni	Asked if there is any provision for branch sliding at the end of Year – I.	Andhra Pradesh Higher Education Council does not at this point allow inter discipline transfers at the end of Year II and hence this point cannot be facilitated.
Expert from Reputed Institute	It is recommended that we short-list a list of MOOC courses available for CSE students as a part of MOOC audit course. It is suggested that we go for our own assessment of MOOC audit course. It is recommended that we add at-least one contact hour in the schedule for MOOC audit course.	Assessment of MOOC course suggestions have been forwarded to the central committee. Short-listing of MOOC audit course done.
University Nominee	It is suggested that Operating Systems in advanced to earlier semesters and Software Engineering moved to later semesters. It is suggested that Operating Systems in advanced to earlier semesters and Software Engineering moved to later semesters. If needed, you might move Design & Analysis of Algorithms (recommended name for advanced data Structures given the syllabus) to next semester.	Structure altered to move Operating Systems to earlier semester and slide Software Engineering to later semester. Advanced Data Structures renamed to Design & Analysis of Algorithms.
University Nominee	It is recommended to change the name of OOPs through Java to Object Oriented programming and the lab also to be changed from JAVA lab to OOP Lab.	OOPS through JAVA has been changed to OOP and lab also changed accordingly.
University Nominee	For self-study course, since teacher assignment will be done for assessment, have some contact hours (with option given to students) where	This suggestion has been forwarded for consideration at institution level.

	doubts can be clarified and certain concepts can be covered on student request.	
Expert from Reputed Institute	Consider relaxing the requirement that all open electives should have no pre-requisites and add some open-electives that require pre-requisite knowledge and mention the requirement in the syllabus. Only those who have that knowledge will take the open elective.	Open electives suggestion has been forwarded for consideration at institution level.
University Nominee	Split the elective Social Networks and Semantic Web into 2 different elective courses.	Social Networks and Semantic Web course has been split and now we have Semantic Web in the place of old course and Social networks replaces Natural Language processing.
University Nominee	The Thrust area concept of elective choices is a good differentiator as far as curriculum design is concerned and done well.	
University Nominee	It was suggested we need to clearly define how assessment will be done for extra-curricular audit course.	Assessment of extra-curricular audit course will be done and has been taken up at institution level.
Expert from Reputed Institute	Change the titles of open-electives DBMS & Data Structure and Organization.	Title changes as recommended for open electives are done.
Expert from Reputed Institute	It is suggested we clearly mention in regulations about minimum number of student registrations to go ahead with an elective offering.	The minimum number of registrations for any course to be offered is 40 nos, and the rule is disseminated to all the students via the program department published syllabus book.
University Nominee	Academic regulations should also clearly specify that detention in any 1 semester will effectively lead to wasting a full year.	All the rules pertaining to detention, award of degree etc., are being printed in the syllabus book printed and handed over to them in 1 year only.
Students	It will be good if more number of programs are included for practicing the programs for CSE/IT students in 1 year lab.	Additional and more detail oriented problems will be included in the lab plan for CSE/IT students for Year I programming Lab.



 Head of Department
 Department of Information Technology
 MVGR College of Engineering (A)
 Vizianagaram - 535005


 HEAD OF THE DEPARTMENT
 Computer Science & Engineering
 Maharaj Vijayaram Gajapathi Raj
 College of Engineering
 Vizianagaram-535005

Action Taken Report for Feedback on A1 Regulation

Action Taken Report on A1 Regulation PG Program M.Tech (CSE)


Stakeholder	Recommendation/Suggestion	Action Taken
Alumni	It is suggested that for mandatory courses where practice is important that we change engagement from 4 theory hours to 3 theory hours and 2 practice hours without having to change the credits.	For 2 courses in each semester, the contact hours have been revised from 4+0 to 3+2.
University Nominee	Change the titles of the courses to have distinct names as compared to B. Tech course to avoid any confusion.	Changed as recommended.
University Nominee	It is suggested, we move to 4+2 mandatory + elective model instead of proposed 3 + 3 model.	Changed from 3+3 model to 4+2 model.
Expert from Reputed Institute	The elective groupings of M. Tech courses need to be looked at and changes similar to how they have been grouped into areas in B. Tech.	Groupings of electives have been changed as recommended.


HEAD OF THE DEPARTMENT
Computer Science & Engineering
Maharaj Vijayaram Gajapathi Raj
College of Engineering
Vizianagaram-535005

Action Taken Report for Feedback on A1 Regulation

Action Taken Report on A1 Regulation PG Program M.Tech (CNIS)


Stakeholder	Recommendation/Suggestion	Action Taken
Alumni	It is suggested that for mandatory courses where practice is important that we change engagement from 4 theory hours to 3 theory hours and 2 practice hours without having to change the credits.	For 2 courses in each semester, the contact hours have been revised from 4+0 to 3+2.
University Nominee	Change the titles of the courses to have distinct names as compared to B. Tech course to avoid any confusion.	Changed as recommended.
University Nominee	It is suggested, we move to 4+2 mandatory + elective model instead of proposed 3 + 3 model.	Changed from 3+3 model to 4+2 model.
Expert from Reputed Institute	The elective groupings of M. Tech courses need to be looked at and changes similar to how they have been grouped into areas in B. Tech.	Groupings of electives have been changed as recommended.


HEAD OF THE DEPARTMENT
Computer Science & Engineering
Maharaj Vijayaram Gajapathi R.
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Vizianagaram-535004

Action Taken Report for Feedback on A2 Regulation

Action Taken Report on A2 Regulation PG Program M.Tech (CNIS)


Stakeholder	Recommendation/Suggestion	Action Taken
Expert from Reputed Institute	We have adopted AICTE recommended course structure for this program. The BoS members did not mention any suggestions/comments.	NA
Industry Expert	Suggested to conduct Certification courses like CCNA and CEH for CNIS students.	CCNA and CEH related courses are introduced and certifications are encouraged.
University Nominee	No Comments	NA
Alumni	No Comments	NA


HEAD OF THE DEPARTMENT
Computer Science & Engineering
Maharaj Vijayaram Gajapathi
College of Engineering
Vizianagaram-535 002

Action Taken Report for Feedback on A1 Regulation

Action Taken Report on A1 Regulation PG Program M.Tech (CSE)

Stakeholder	Recommendation/Suggestion	Action Taken
Alumni	It is suggested that for mandatory courses where practice is important that we change engagement from 4 theory hours to 3 theory hours and 2 practice hours without having to change the credits.	For 2 courses in each semester, the contact hours have been revised from 4+0 to 3+2.
University Nominee	Change the titles of the courses to have distinct names as compared to B. Tech course to avoid any confusion.	Changed as recommended.
University Nominee	It is suggested, we move to 4+2 mandatory + elective model instead of proposed 3 + 3 model.	Changed from 3+3 model to 4+2 model.
Expert from Reputed Institute	The elective groupings of M. Tech courses need to be looked at and changes similar to how they have been grouped into areas in B. Tech.	Groupings of electives have been changed as recommended.


HEAD OF THE DEPARTMENT
Computer Science & Engineering
Maharaj Vijayaram Galapathi Raj
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Vizianagaram-535005

Action Taken Report for Feedback on A1 Regulation

S.No	Recommendations	Action Taken
Students	Scope to improve Laboratory classes for better understanding of the subject.	Project based learning experiments have been introduced in the A2 Curriculum.
	Need for more Industrial visits.	Industrial visits are being planned periodically.
	Need to provide Industry Internships for Students.	Internships have been introduced in the A2 Curriculum.
Parents	Need to include motivational classes for students	Motivational lectures for students are organized periodically.
	Need for Presentation and Communication skills for students.	Soft skills course is introduced in the Curriculum.
	Need for Industry Exposure to students.	Industry visits are being organized regularly for the students.
Teachers	Keep the full references in “Biology for Engineers” with the details of year and edition	Suggested reference books are incorporated in the A2 regulation in the syllabus of “Biology for Engineers” subject.

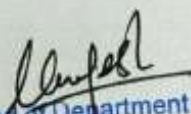
	Include the special cases of Distillation, Extraction etc; in combination of “Unit Operations and Unit Processes “, in the syllabus of Chemical Technology Subject.	Suggested topics/cases books are incorporated in the A2 regulation in the syllabus of Chemical Technology Subject.
	Since most of the industrial flow problems are compressible flow, more weightage need to be given for “Compressible Systems” in the syllabus of Fluid Mechanics for Chemical Engineers subject.	Suggested topics are incorporated in the A2 regulation in the syllabus of Fluid Mechanics for Chemical Engineers subject.
	Include the latest Heat Exchangers (Spiral, Plate etc.) in the syllabus of Process Heat Transfer subject and also compare them with the conventional Heat Exchangers	Suggested topics are incorporated in the A2 regulation in the syllabus of Process Heat Transfer subject.
	Include the “Excel sheet for calculations” in the syllabus of Chemical Process Calculations subject.	Suggested topics are incorporated in the A2 regulation in the syllabus of Chemical Process Calculations subject.
	In the subjects of Mechanical Unit operations complete Reference details may be given, like year of publication, publisher name, place etc.	Suggested reference books are incorporated in the A2 regulation in the syllabus of Mechanical Unit Operations subject.
	Add M.Tech course to complement the research activity in the department	M.Tech programme was initially introduced. However, it had to be discontinued due to good number of placements at B.Tech level.
	Continuous interaction of faculty with industry will be beneficial.	Faculty of the department regularly undergoes internships in various industries which helps in improving the institute- industry interaction.
Alumni	Subjects related to AI and IOT needs to be added.	AI and IOT are included in the A2 Curriculum.
	Need to add Internships in Curriculum.	Internships have been introduced in the A2 Curriculum.
	Need to add Industrial Training in Curriculum.	
	Hands on Experience on Simulation is required.	Two day workshop is conducted on ASPEN HYSIS for 3 rd year and Final year Students in February 2020.
Employers	Need to improve communication skills.	Soft skills course is introduced in the Curriculum.
	Need for more exposure in Pharmaceutical Technology subject related to major unit operations.	Pharmaceutical Technology subject included in the A2 Curriculum.

Action Taken Report for Feedback on A1 Regulation

Action Taken Report on A1 Regulation UG Program (CSE/IT)

Stakeholder	Recommendation/Suggestion	Action Taken
Expert from Reputed Institute	If there is any scope, we should try and reduce some basic sciences/engineering sciences courses in I & II semesters and introduce discipline specific introductory courses.	Given there is a strict definition of components required for Basic Sciences, Humanities and Engineering sciences, we have not been able to address the first point suggested above in the Board of Studies meeting. As structure is the same for all disciplines in Year I, it is currently not viable to put more discipline specific courses in Semester I and II.
University Nominee	In our academic regulations, gap year was provided after the end of Year – I of study. Ideally, gap year would more likely be used and useful after the Year – III of Study. This proposal should therefore be reviewed again.	This suggestion has been forwarded for consideration at institution level.
Alumni	Asked if there is any provision for branch sliding at the end of Year – I.	Andhra Pradesh Higher Education Council does not at this point allow inter discipline transfers at the end of Year II and hence this point cannot be facilitated.
Expert from Reputed Institute	It is recommended that we short-list a list of MOOC courses available for CSE students as a part of MOOC audit course. It is suggested that we go for our own assessment of MOOC audit course. It is recommended that we add at-least one contact hour in the schedule for MOOC audit course.	Assessment of MOOC course suggestions have been forwarded to the central committee. Short-listing of MOOC audit course done.
University Nominee	It is suggested that Operating Systems in advanced to earlier semesters and Software Engineering moved to later semesters. It is suggested that Operating Systems in advanced to earlier semesters and Software Engineering moved to later semesters. If needed, you might move Design & Analysis of Algorithms (recommended name for advanced data Structures given the syllabus) to next semester.	Structure altered to move Operating Systems to earlier semester and slide Software Engineering to later semester. Advanced Data Structures renamed to Design & Analysis of Algorithms.
University Nominee	It is recommended to change the name of OOPs through Java to Object Oriented programming and the lab also to be changed from JAVA lab to OOP Lab.	OOPS through JAVA has been changed to OOP and lab also changed accordingly.
University Nominee	For self-study course, since teacher assignment will be done for assessment, have some contact hours (with option given to students) where	This suggestion has been forwarded for consideration at institution level.

	doubts can be clarified and certain concepts can be covered on student request.	
Expert from Reputed Institute	Consider relaxing the requirement that all open electives should have no pre-requisites and add some open-electives that require pre-requisite knowledge and mention the requirement in the syllabus. Only those who have that knowledge will take the open elective.	Open electives suggestion has been forwarded for consideration at institution level.
University Nominee	Split the elective Social Networks and Semantic Web into 2 different elective courses.	Social Networks and Semantic Web course has been split and now we have Semantic Web in the place of old course and Social networks replaces Natural Language processing.
University Nominee	The Thrust area concept of elective choices is a good differentiator as far as curriculum design is concerned and done well.	
University Nominee	It was suggested we need to clearly define how assessment will be done for extra-curricular audit course.	Assessment of extra-curricular audit course will be done and has been taken up at institution level.
Expert from Reputed Institute	Change the titles of open-electives DBMS & Data Structure and Organization.	Title changes as recommended for open electives are done.
Expert from Reputed Institute	It is suggested we clearly mention in regulations about minimum number of student registrations to go ahead with an elective offering.	The minimum number of registrations for any course to be offered is 40 nos, and the rule is disseminated to all the students via the program department published syllabus book.
University Nominee	Academic regulations should also clearly specify that detention in any 1 semester will effectively lead to wasting a full year.	All the rules pertaining to detention, award of degree etc., are being printed in the syllabus book printed and handed over to them in 1 year only.
Students	It will be good if more number of programs are included for practicing the programs for CSE/IT students in 1 year lab.	Additional and more detail oriented problems will be included in the lab plan for CSE/IT students for Year I programming Lab.


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 HEAD OF THE DEPARTMENT
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 Vizianagaram-535005

Action Taken Report on A1

***BOARD OF STUDIES
DEPARTMENT OF MANAGEMENT STUDIES
MVGR COLLEGE OF ENGINEERING***

MEETING MINUTES

Meeting Date: 07/06/2015

Meeting Location: Conference Room-Administrative Block-MVGR

Draft: 10/06/2015

Recorded By: R.Baskar, Asst.Professor

1 ATTENDANCE

Name	Title	Organization	Present
Dr.K.S.S.Rama Raju	Chairman/BOS	MVGR-MBA	YES
Prof. R.Ravi Kumar	Member	IIM-Bangalore	YES
Prof. M.Ravindar Reddy	Member	NIT-Warangal	YES
Prof. P.Viswanadham	Member	Andhra University	YES
Mr. G.Samasiva Rao	Member	MD, Sravan Shipping Services Ltd	NET
Dr. GBS.Prasad	Member	Director (Personal) Visakhapatnam-Steel Project	NO
Mr. Y.Sankar(Alumni)	Member	Deloitte, Hyderabad	YES
Prof.YMC Sekhar	Vice.Principal (Acad)	MVGR College of Engineering	YES
Prof. M.Sunil Prakash	Dean-PG Courses	MVGR College of Engineering	YES
All members of faculty from MBA Department	Member	MVGR College of Engineering	YES

Mr. G.Samasiva Rao, has requested for leave of absence in the last moment due to his unavoidable business meet. Nevertheless he has contacted through Net and given us some suggestions regarding the course.

Dr. GBS.Prasad, has also requested for leave of absence due to his last moment change of schedule in the parliamentary committee meeting, (Steel Ministry) at Bhubaneswar.

2 MEETING LOCATION

MVGR College of Engineering
Conference Room - Administrative Block

3 MEETING START

Meeting Schedule Start: 10:30 AM
Meeting Actual Start: 10:30 AM
Meeting Scribe: R.Baskar, Asst.Professor

4 CALL TO ORDER:

The meeting was called to order by Chairman Dr. K.S.S.Ramaraju, by welcoming the members for the meeting and presented a PPT, which introduced the members to MANSAS, MVGR College of Engineering, Department of Management Studies and a detailed presentation on the course structure and syllabus for the MBA Course in the CBCS structure. He further continued the discussion with presenting the Agenda for the discussion and invited the member's opinion and consent.

5 AGENDA

- **Agenda Item 1: To discuss and finalize the course structure of MBA program- two year course**

- Prof.R.Ravikumar opened the discussion with the expression that the course structure and syllabus should enhance the student's employability and hence we have to be open for the changes.
- Prof.M.Ravinder Reddy suggested giving more credits for the communication courses as this is very important for the MBA graduates. Hence in the course structure it was suggested to increase the number of credits to the students, as deemed fit by the department.
- Prof.P.Viswanadham, placed the ground realities of the students coming from this part of Andhra Pradesh, Admission Procedures and Regulation and hence a need to design the course structure keeping in view of these challenges and prospects.
- Prof.M.Ravinder Reddy also opined to have a comprehensive viva at the end of second semester for all the students, covering all the subjects which he has studied in first two semesters.
- All the members accepted to have the summer project for all the students at the end of second semester. Though there was discussion for another project at the fourth semester, for which the decision will be taken in the next BOS. Prof.R.Ravikumar suggested that the summer projects may also be in the form of survey of some social interest and relevance, or it can also a market survey for some company's product.
- Prof.M.Ravinder Reddy also suggested that all the subjects should have a project component. Prof.R.Ravikumar opined the same with the reason that unless students get involved in the subject, his learning will not be effective. Also the members opined that the projects can be group or individual, as deemed fit by the concerned subject faculty. Such projects may be desk research or field study or any other way by which the student will get involved.

- **Agenda Item 2: To discuss and finalize the syllabus for First year of MBA programme. I semester and II semester.**

- MB101: PERSPECTIVE OF MANGEMENT: Prof.R.Ravikuar, suggested to add some successful organizations from public and private sector, and to reduce the content from Unit-IV, i.e. on leadership and motivation.
- MB102: BUSINESS ENVIRONMENT: Prof.R.Ravikumar and Prof.M.Ravinder Reddy opined to combine the subject Business environment and Legal Aspect of Business(MB102 & MB 206) and together prepare the topics with new title- Law, Business and Society
- MB103: MANAGERIAL ECONOMICS: Prof.M.Viswanadam and Prof.M.Ravinder Reddy opined to reduce the content of the units, and the title be changed to 'Economics for Managers'. Also it was opined by them to remove National Income and add Economic implication to Nation.
- MB104: FINANCIAL ACCOUNTING AND ANALYSIS: Prof.P.Viswanadham, suggested to add reporting as part of the title, and also to add Tally as part of last unit, if it is not offered as an elective. Prof.M.Ravinder Reddy opined to remove the types of companies as the same topic may be discussed in some other paper. And also the tile of the paper was suggested to be replaced as, Accounting for Managers and Reporting or 'Accounting and Reporting for Managers'
- MB105: ORGANIZTIONAL BEHAVIOUR: Prof.R.Ravikumar suggested changing the title to 'Managing People' as it may be more appealing to the recruiters.
- MB106: QUANTATIVE METHODS IN MANAGEMENT: The title was suggested to rename as 'Quantative Techniques for Managers' by the members. Prof.R.Ravikumar suggested to remove OR part of the syllabus and suggested to revise all the units, reduce the contents and to enrich the syllabus.
- MB107: IT FOR MANAGERS-LAB: Prof.M.Ravinder Reddy opined to take this paper to the second semester and bring paper MB 207: BUSINESS COMMUNICATION-LAB to this semester. Also it is to be renamed as 'Communication skills for Managers'. Prof.R.Ravikumar suggested adding Impression Management and Reflective Listening as part of this course. Also he suggested giving more credits and giving more assignments for students to get maximum benefit from the course.
- MB 201: FINANCIAL MANAGEMENT, MB 202: HRM, MB203: MARKETING MANAGEMENT, MB 204 BUSINESS RESEARCH METHODS: - All these paper were accepted by the board members with some very minor changes in the content.

- MB 205: BUSINESS ETHICS AND CORPORATE GOVERNANCE: Prof. R.Ravikumar suggested changing the title to 'CSR and Governance'. He also suggested adding Accounting Standard, Environmental concerns, whistle blowers, and Role of media. Also it was suggested to improve unit-V. He also suggested a book written by Pradeep Kadvla for this course.
- MB206: LEGAL ASPECTS OF BUSINESS: This paper was taken to first semester and hence in its place, POM and OR combined paper was suggested to be designed by the department. Prof. M.Viswanadam expressed that the paper POM should be in the core courses and not in the electives.
- MB 207: BUSINESS COMMUNICATION LAB: This paper was taken to first semester and the IT LAB was brought from first semester to second semester in this place. Prof.R.Ravikumar opined that the theoretical content of the paper has to be replaced with practical skills required by the students, like how to interlink different communication devices, how to do online trading, how to use SPSS, how to use internet to get correct information, etc.
- Mr.G.Sambasiva Rao has given us a suggestion to add a paper with a title named 'Shipping and Logistics' due to its importance in the changing industrial scenario in India and sent the proposed contents of syllabus.
- **Agenda Item 3: Any other business as deemed fit by the members for discussion**
 - Prof.M.Ravinder Reddy suggested adding additional open electives like Business Analytics, Rural Marketing and Insurance Selling.
 - Prof.R.Ravikumar also gave some suggestions to faculty for improving the teaching learning process, like giving assignments from web links to the students, preparing teaching notes, showing videos related to the topic and calling industry experts to regularly interact with students and faculty.
 - Mr.Y.Sankar, Alumni, from Deloitte, volunteered to help in bringing communication material from Industry, which is useful in co-curricular activities, which are focused on improving communication skills.
 - All the professors equally suggested including few MOOCs courses as open electives.

6 MEETING END

MEETING SCHEDULE END: 01:30 PM

Meeting Actual End: 02:00 PM

BOARD OF STUDIES
DEPARTMENT OF MANAGEMENT STUDIES
MVGR COLLEGE OF ENGINEERING (A)

MEETING MINUTES

Meeting Date: 26/03/2016

Meeting Location: Conference Room-MBA Block

Draft: 29/03/2016

Recorded By: R.Baskar

1 ATTENDANCE

Name	Title	Organization	Present
Dr.K.S.S.Rama Raju	Chairman	HOD-MBA Dept.	YES
Prof. R.Ravi Kumar	Member	IIM-Bangalore	YES
Prof. M.Ravindar Reddy	Member	NIT-Warangal	YES (By Mail)
Prof. P.Viswanadham	Member	Andhra University	YES
Mr. G.Sambasiva Rao	Member	Sravan Shipping Services Ltd	YES (By Mail)
Dr. GBS.Prasad	Member	Visakhapatnam-Steel Project	YES
Mr. Y.Sankar(Alumni)	Member	Deloitte, Hyderabad	YES
All members of faculty from MBA Department	Member	MVGR College of Engineering(A)	YES

2 MEETING LOCATION

Building: MVGR College of Engineering (A)

Conference Room: MBA Block

Web Address: www.mvgrce.edu.in

3 MEETING START

Meeting Schedule Start: 10:30 AM

Meeting Actual Start: 10:30 AM

Meeting Scribe: R.Baskar, MBA Faculty

4 CALL TO ORDER:

The meeting was called to order by Chairman Dr. K.S.S.Rama Raju, by welcoming the members for the meeting. Then the Chairman of BOS presented a PPT, which introduced the members to MANSAS, MVGR College of Engineering, MBA Department and a detailed presentation on the course structure and syllabus for the MBA Course in the CBCS structure. He further continued the discussion with presenting the Agenda for the discussion and invited the member's opinion and consent.

5 AGENDA

- **Agenda Item 1: To review minutes of earlier BOS meeting held on 07-06-15**
 - The Chairman of BOS presented the abstract of the previous BOS meeting and conveyed that the inputs and suggestions given by the members are well

accepted and implemented by the department. The BOS members appreciated the department for that.

- Prof.M.Viswanadam asked about the attendance records of the students. When it is learnt that the students maintains good attendance, Prof.R.Ravikumar wants it to place it on record the appreciations for the faculty members of the department who is cause of good attendance of students.
- Prof.R.Ravikumar opined that the students' attendance may be linked to placements opportunities given by the college, so that it can act as a motivator for students to take the attendance seriously.
- Prof.R.Ravikumar wanted the department to give some encouragement for those students who are securing good attendance through some percentage of internal marks, which was also acknowledged by Prof.M.Viswanadam.

- **Agenda Item 2: To discuss and finalize the course structure of MBA II Year (Semester III and IV).**

- The course structure which was proposed by the department was accepted by the BOS members without any modification.
- Dr.GBS Prasad expressed his appreciation for the Industry exposure for the students during their summer project, as it is one of the important components in students' learning.
- Dr.GBS Prasad also opined that the departments take more steps to encourage entrepreneurship.

- **Agenda Item 3: To discuss and finalize the syllabus for II Year (Semester III and IV).**

- Prof.M.Viswanadam volunteered to give detailed inputs on the subjects related to finance. It was also joined by other members of BOS. Following are the various subjects discussed and the corresponding suggestions given by the BOS members.
- FINANCIAL MARKETS & SERVICES: It was discussed that we have to add introduction and significance to every concept in the course content and agreed by all members. Also it was opined that instead of briefing all regulatory bodies it is better to go in detail about SEBI and RBI only which is playing a major role.
- SECURITY ANALYSIS & PORTFOLIO MANAGEMENT: The members suggested removing Indian Financial System concept as it was covered in other subjects as well. It was suggested by Prof.M.Viswanadam that significance of Portfolio Management and objectives be added. Also it was opined that Mutual Fund Problems and Prospects to be added as last concept.
- STRATEGIC FINANCIAL MANAGEMENT: It was decided by the members to change the Unit 4 title to Financial Strategies and Unit 5 title to turn around Strategies. Also it was suggested to add the concept of BIFR.
- RISK MANAGEMENT & DERIVATIVES: It was accepted by all the members to add concept of Price Risk instead of Netting
- DIRECT AND INDIRECT TAXES: It was suggested to add tax assessment of an assessee as a part of this course.
- BANKING AND INSURANCE: It was suggested by Prof.P.Viswanadam to add the concepts like cross selling, risk management, claim settlement procedure due to its importance.

- STRATEGIC HUMAN RESOURCE MANAGEMENT: Dr. Prasad suggested adding the following topics: 1. Legal-Sensitivity, 2. Retrenchment Practices followed and implemented at Private, Public and MNCs.
 - GLOBAL HUMAN RESOURCE MANAGEMENT: Prof.R Ravikumar asked to add the differences between Global, Transnational and MNCs as part of Introduction.
 - MANAGEMENT OF INDUSTRIAL RELATIONS: Dr. Prasad asked to add the following topics: Code of conduct, Latest trends in IR, and the reasons for decline in strength of Trade unions in Indian-Industries.
 - LABOUR LAWS: Dr. Prasad asked to add topics such as Social-Security in Indian-Context in a detailed way.
 - BUSINESS ANALYTICS: Prof.R.Ravikumar opined that functional areas like Marketing, HR and Finance related analytics can be included as part of the course.
 - MOOCS: Prof.R.Ravikumar, asked to identify MOOCS, latest ones relating to the current market trends.
 - BUSINESS TO BUSINESS MARKETING: It was suggested to add the topic on front line sales executives as part of unit-3. Also a topic on Channel relationships and promotional activities is suggested to add as part of unit 4 and unit 5.
 - CONSUMER BEHAVIOR AND MARKET RESEARCH: It was opined to remove the economic, demographic and environment influences from unit I. Also the unit-2 title is changed to Persuasive Communication.
 - LEADERSHIP IN ORGANIZATION: It was suggested to add the topics on Values and ethics of leadership as part of the course.
 - STRATEGIC MANAGEMENT: It was accepted by all members to add the concept of Balancing between strategic intent and strategic reality in Unit – IV.
 - ENTREPRENEURSHIP AND MSMES: Dr.Prasad suggested including the concept of Incubation centre as part of the course.
 - BANKING AND INSURANCE: Prof. M.Viswanadam suggested adding Anti-money laundering and operational risk of bank as part of the course.
 - SERVICES MARKETING: The following changes are made as part of the structure of the course. They are Unit-III has been changed to IV, Unit-I has been changed to V and Unit-V has been changed to III, to improve the continuity of the concepts.
 - ADVERTISING AND SALES PROMOTION: It was suggested by BOS members to remove the concept related to marketing and personal selling from Unit-V as it was covered previously. Also Online advertising is suggested to be included in Unit-I
 - PRODUCT MANAGEMENT: The members opined to remove Product forecasting from Unit-III and add Packing practices & Technology in packing in Unit – III
 - Mr.Y.Sankar, Alumni, from Deloitte, gave suggestion to include payroll processing, compliance and reporting as part of curriculum. Also he opined to give more weightage to ethics in business management.
- **Agenda Item 4: Any other business as deemed fit by the members for discussion**
 - Prof.R.Ravikumar suggested that all the students can be made as a member of NIPM Visakhapatnam chapter and also a Vizianagaram chapter can be opened in the college by which college can host various meetings, through which the students can get exposure to practioners speaking about a topic.

- Prof.R.Ravikumar also expressed that by next year the syllabus can also include the case studies which are previously discussed by the faculty as part of the course.
- Mr.G.Sambasiva Rao, MD, Sravan Shipping Services Ltd., assured his support in providing materials and delivery of course content for the course on Shipping and Logistics which is part of open elective.
- Dr. M.Ravindra Reddy has offered his rich and valuable suggestions in the conduction process of comprehensive viva. He is appreciative of the course on Business Analytics as an elective in the program.
- Mr.Y.Shankar volunteered to further extend himself for improving communication for the students through the communication club which is active in the department.

6 MEETING END

MEETING SCHEDULE END: 01:30 PM

Meeting Actual End: 01:00 PM

BOARD OF STUDIES
DEPARTMENT OF MANAGEMENT STUDIES
MVGR COLLEGE OF ENGINEERING (A)

MEETING MINUTES

Meeting Date: 14/08/2018

Meeting Location: Conference Room-MBA Block

Draft: 16/08/2018

Recorded By: R.Baskar

1 ATTENDANCE

Name	Title	Organization	Present
Dr.K.S.S.Rama Raju	Chairman	HOD-MBA Dept.	YES
Prof. R.Ravi Kumar	Member	IIM-Bangalore	YES
Prof. M. Ravindar Reddy	Member	NIT-Warangal	YES (By Mail)
Prof. P.Viswanadham	Member	Andhra University	YES
Mr. G.Sambasiva Rao	Member	Sravan Shipping Services Ltd	YES
Dr. GBS.Prasad	Member	Visakhapatnam-Steel Project	YES (By Mail)
Mr. Y.Sankar(Alumni)	Member	Deloitte, Hyderabad	YES
All members of faculty from MBA Department	Member	MVGR College of Engineering(A)	YES

2 MEETING LOCATION

Building: MVGR College of Engineering (A)

Conference Room: MBA Block

Web Address: www.mvgrce.edu.in

3 MEETING START

Meeting Schedule Start: 10:30 AM

Meeting Actual Start: 10:30 AM

Meeting Scribe: R.Baskar, MBA Faculty

4 CALL TO ORDER:

- ❖ The meeting was called to order by Chairman Dr. K.S.S.Rama Raju, by welcoming the members for the meeting. Then the Chairman of BOS presented a PPT, which introduced the members to MANSAS, MVGR College of Engineering, MBA Department and a detailed presentation on the course structure and syllabus for the MBA Course in the CBCS structure. He further continued the discussion with presenting the Agenda for the discussion and invited the member's opinion and consent.

5 AGENDA

• PART I: Review of existing curriculum and syllabus

The Chairman of BOS presented the abstract of the previous BOS meeting and conveyed that the inputs and suggestions given by the members are well accepted and implemented by the department. The BOS members appreciated the department for that.

Suggestions and action taken are presented below.

- ❖ **Suggestion:** Prof. P. Viswanadham suggested adding the concepts like Cross selling, Risk management, Claim settlement procedure in Banking and Insurance.
Action taken: These concepts are included in Unit III of Banking and Insurance course-Semester III.
 - ❖ **Suggestion:** MOOCS: Prof R.Ravi kumar, asked to identify MOOCS, latest ones relating to the current market trends.
Action taken: Suggestion is well accepted and disseminated to students and faculty. 52 MOOCs courses are completed so far and few more are in pursuing stage.
 - ❖ **Suggestion:** Mr. Y. Sankar volunteered to further extend himself for improving communication for the students through the communication club.
Action taken: Communication club started in the Department by Mr. Y. Shankar and it is continued through PG-Club activities.
 - ❖ **Suggestion:** Dr. M.Ravindar Reddy has offered his rich and valuable suggestions in the conduction process of comprehensive viva. He is appreciative of the course on Business Analytics as an elective in the program.
Action taken: Comprehensive Viva is included in Curriculum and conducted at the end of II Semester.
 - ❖ **Suggestion:** Mr. G. Sambasiva Rao, MD, Sravan Shipping Services Ltd., assured his support in providing materials and delivery of course content for the course on Shipping and Logistics which is part of open elective.
Action taken: A course on “Shipping and logistics” is included in curriculum as open elective in Semester IV.
 - ❖ **Suggestion:** Dr. GBS Prasad suggested including the concept of Incubation centers as part of the course entrepreneurship and MSME’s.
Action taken: Topic-Role of Incubation centers in entrepreneurial development is included the course.
- **PART II: To work out the modalities in adoption of AICTE model curriculum for management programme.**
Suggestions:
 - ❖ Suggested to include skill development concepts in HR courses
 - ❖ Include International perspectives in connecting India with the global arena
 - ❖ Suggested to include simulation activities on HR policies
 - ❖ To take inputs from practitioners like chartered accountants on GST related issues

- ❖ Entrepreneurship shall include family business.
 - ❖ Banking subject to include financial frauds- based norms
 - ❖ Accounting may include international finance and reporting
 - ❖ Event management may be included in services marketing
 - ❖ Emphasis more on excel for HR managers
 - ❖ MSME to include Mango clusters, Cashew clusters etc.
 - ❖ Teach learning skills and understanding the reality etc.
 - ❖ Teach how to behave in working organisations.
- **It is resolved that AICTE model curriculum will be adopted from 2019-20 Academic Year.**

6 MEETING END

MEETING SCHEDULE END: 01:30 PM

Meeting Actual End: 02:00 PM

Action Taken Report on Curriculum –A2

MAHARAJ VIJAYARAM GAPATHI RAJ COLLEGE OF ENGINEERING(AUTONOMOUS)

Vijayaram Nagar Campus, Chintalavalasa, Vizianagaram-535005, Andhra Pradesh

Accredited by NAAC with 'A' Grade & Listed u/s 2(f) & 12(B) of UGC

(Approved by AICTE, New Delhi and Permanently Affiliated by JNTUK-Kakinada)

NBA Accredited UG Courses: B.Tech(MEC), B.Tech(CIV), B.Tech(EEE), B.Tech(ECE), B.Tech(CSE), B.Tech(IT),
B.Tech(MEC) & B.Tech(CHE) and PG Course: MBA

DEPARTMENT OF CIVIL ENGINEERING

Action Taken Report on A2 Curriculum

a) Undergraduate Program (B.Tech in Civil Engineering)

4th BOS meeting Recommendations

- 1) Fourth BoS meeting was conducted on 13-10-2018 in Civil Engineering Department
- 2) The agenda for the meeting is:
 - a) Discussion on AICTE Model Curriculum
 - b) Review of existing course structure and Syllabus of M.Tech structural engineering
 - c) Review of existing course structure and Syllabus of B.Tech Civil Engineering.
- 3) The members present were:

S.No	Name	Description
1	Dr.P.Markandeyaraju Professor& HOD, Civil Dept.	Chairman
2	Prof. K.V.L. Subramaniam, Dept. of Civil Engg. IIT, Hyderabad	Academic Expert
3	Sri SandeepMirmire Director Principle ACS Pvt Ltd.,	Industry expert
4	Dr.YMCSekhar Vice Principal	Member
5	Dr.Ch.PurnachandraRao Asst. Principal	Member
6	Dr.K.RajeswaraRao Dean, Civil Infrastructure	Member
7	Dr.S.ChandraMouli Professor	Member
8	Sri. B. Ramesh Raju Associate Professor	Member
9	Dr.PartheepanGanesan,Associate Professor	Member
10	Dr.R.Maheswaran, Associate Professor	Member
11	Mr. SMS Varma, Assistant Professor	Member
12	Mr.A.Vara Prasad Assistant Professor	Member
13	Dr.P.Sudheer Assistant Professor	Member
14	Mr.R.P.Singh Assistant Professor	Member
15	Mr.B.Ramu Assistant Professor	Member

16	Mr.S.PurushothamRao Assistant Professor	Member
17	Mr.S.SivaBhanuSai Kumar Assistant Professor	Member
18	Mr.W.Sai Deepak Assistant Professor	Member
19	Mr.K.Santhosh Kumar Assistant Professor	Member
20	Mr.Kalyan A.V.S Assistant Professor	Member
21	Miss T Jahnavi Assistant Professor	Member
22	Mrs D Praseeda Assistant Professor	Member
23	Mr G Rahul Reddy Assistant Professor	Member
24	Mr B Bhskar Assistant Professor	Member
25	Mr A Saikumar Assistant Professor	Member

4) Comments

a) on AICTE Model Curriculum

1) Civil Engineering is a people serving profession with more than 7 internal specializations. Most of the graduates are generally expected to serve the society for which they require core knowledge on Civil Engineering. The proposed model curriculum does not suit the construction industry requirements as the syllabus in the core subjects can be taught/studied only in peripheral manner in the given time frame.

2) Less focus is given to core courses by introducing general courses like BSC109: Biology-I (Biology for Engineers), BSC225: Life Science; ESC202: Basic Electronics; ESC209: Mechanical Engineering; ESC212: Energy Science & Engineering; PCC-CE201: Instrumentation & Sensor Technologies for Civil Engineering Applications. Because of including these subjects, the scope for introducing core subjects is reduced. General courses introduced by AICTE may be important in the interdisciplinary research point of view, but they are not suitable to help the student in performing his routine activities as Civil Engineer.

3) The core subjects of various sub branches of civil engineering are being merged under single subjects like PCC-CE303: Structural Engineering; PCC-CE304: Geotechnical Engineering; PCC-CE305: Hydrology and Water Resources Engineering; PCC-CE306: Environmental Engineering; PCC-CE307: Transportation Engineering; PCC-CE308: Construction Engineering & Management.

4) For example, in PCC-CE303: Structural Engineering: this course is divided into five modules as below:

Module 1: Introduction to structural engineering

Module 2: Planning and Design Process

Module 3: *Materials and Structural Design Criteria and*

Laboratory experiments dealing with the analysis of determinate and indeterminate structures;

Module 4:*Design of Structural Elements;*

Module 5: *System Design Concepts;* Special Topics that may be Covered as Part of the Design Project Discussions; Cable Structures; Prestressed Concrete Bridges; Constructability and Structural Control; Fire Protection

To cover the above mentioned syllabus, only **two theory hours and one tutorial hour** and No practical hours are proposed. But in the syllabus, in module 3, it is also mentioned to conduct laboratory experiments. So it is impossible to teach the course within the stipulated time.

Actually, in our existing curriculum, the above syllabus is being taught in various subjects each with three to four credits like

- a) Building Planning and drawing
- b) Building materials and Concrete Technology
- c) Structural analysis
- d) Design of Concrete structures
- e) Design of steel structures
- f) Advanced design of concrete structures

So, the depth of core subjects is being reduced by the proposed model curriculum. This leads to a graduate after completion, will not be a professional in Civil Engineering with in-depth knowledge.

Similar case with other subjects like PCC-CE304: Geotechnical Engineering; PCC-CE305: Hydrology and Water Resources Engineering; PCC-CE306: Environmental Engineering; PCC-CE307: Transportation Engineering; PCC-CE308: Construction Engineering & Management.

5) The model curriculum will be very difficult to implement and not suitable to the branches like Civil engineering where it has seven different specializations which cannot be accommodated within the given set of core courses.

6) This proposed model curriculum syllabus is not in line with GATE/EES.

Overall Impression: The proposed AICTE model curriculum for Civil Engineering is not suitable for implementation in the current form.

c) Review of existing UG course structure and Syllabus

Change in UG course structure

Fluid Mechanics Laboratory and Hydraulic Machinery Laboratory are recommended to be merged into single laboratory as Fluid Mechanics and Hydraulic Machinery since it is proposed to introduce Building Information Modeling Laboratory. Also it is felt that handling fluid mechanics laboratory seems to be difficult without much theoretical background, since theory part is also covered during the same semester.

Change in UG Syllabus

Subject	UNIT	Original Syllabus as per A1 regulation	Change in syllabus	Justification	Suggestions By BoS
Applied Mechanics (II-Semester)	UNIT – 4	Definition of static determinacy and indeterminacy; Analysis of statically determinate plane trusses-method of joints and sections; analysis of statically determinate space trusses-tension coefficient method.	Remove analysis of statically determinate space trusses	Beyond scope	All changes in syllabus are approved.
	UNIT – 5	Rectilinear motion; curvilinear motion-fixed axis rotation-constant and variable acceleration, projectiles-horizontal and inclined projection at same level and different level	Remove analysis of projectiles in different levels	More syllabus	

Subject	UNIT	Original Syllabus as per A1 regulation	Change in syllabus	Justification	Suggestions by BoS
Strength of Materials-I (III-Semester)	UNIT – 1	Strain energy-Resilience-Strain energy of prismatic bars under gradual, sudden and impact loading	<ul style="list-style-type: none"> Strain energy-Resilience Definitions only Remove Strain energy of prismatic bars under gradual, sudden and impact loading 	Not in GATE and IES	All changes in syllabus are approved. One Book title in Textbooks list and References book list is same. So needs to be changed.
	UNIT – 5	Castiglione's theorem, application to beams with indeterminacy one	<ul style="list-style-type: none"> Remove Castiglione's theorem, application to beams with indeterminacy one 	More syllabus	
	UNIT – 6	Introduction to Thin spherical shells	<ul style="list-style-type: none"> Remove Introduction to Thin spherical shells 	More syllabus	
	Text books and Reference books		<ul style="list-style-type: none"> Shift 3rd reference book to 2nd text book 	More relevant	

Subject	UNIT	Original Syllabus as per A1 regulation	Change in syllabus	Justification	Suggestion by BoS
ELEMENTS OF SURVEYING (III-Semester)	UNIT – 2	Plane Table Surveying - Merits and demerits, methods of plane table traversing, two-point problem, three-point problem Levelling –Terminology, Dumpy level, temporary adjustments, Height of Instrument method, Rise and Fall method, Reciprocal levelling, Longitudinal and Cross-sectional levelling, errors in levelling.	Remove - Two-point problem and Three-point problem.	Syllabus is huge in this unit.	Unit 2: changes in syllabus are approved. Unit 3: Not approved. (mention in class that the topic is same as in previous chapter but don't remove the topic from syllabus) Unit 5: changes in syllabus are approved. Remove Plane table surveying topic from theory. (Experiment in field is enough)
	UNIT – 3	Theodolite - Types of theodolites, temporary and permanent adjustments, measurement of horizontal and vertical angles Theodolite Traversing - Open and closed traverse – Closing errors, Balancing the error – Bowditch method – Transit method, Omitted measurements.	Remove Temporary adjustments of a Theodolite.	As already covered in UNIT - 2	
	UNIT – 5	Contouring and Earthwork Computations: Characteristics of contours, methods of contours, interpolation of contours, uses of contours. Embankments and cutting for a level section with and without transverseslopes -Simpson's method, Trapezoidal method, IS 1200 Part 1 codal provisions	Remove – Level section with Transverse slopes.	Syllabus is huge in this unit.	

Subject	UNIT	Original Syllabus as per A1 regulation	Change in syllabus	Justification	Suggestions by BoS
FLUID MECHANICS (III-Semester)	UNIT – 1	Dimensions and units - Physical properties of fluids: specific gravity, viscosity, surface tension, vapor pressure and their influence on fluid motion. Principles of pressure measurement at a point- Pascal's law (no derivation), Hydrostatic law Systems of pressure measurement – absolute and gauge pressures, Measurement of pressure by simple and differential manometers. Measurement of pressure by mechanical Bourdon's pressure gauge	Change in scope - Measurement of Pressure by Manometers and Gages	More Syllabus	• All changes in syllabus are approved. Unit 6: Little more modifications can be done
	UNIT – 2	Hydrostatic forces on submerged plane – Horizontal, vertical, inclined and curved surfaces – Centre of pressure – Archimedes principle – Buoyancy force – Stability of submerged and floating bodies	Unchanged	No Change	
	UNIT – 3	Fluid Kinematics: Description of fluid flow- Stream line, path line and streak lines and stream tube. Classification of fluid flows. Equation of continuity for one, two, three dimensional flows - stream and velocity potential functions, flow net analysis. Fluid Dynamics: Euler's and Bernoulli's equations for flow along and across a streamline. Momentum equation and its application to force on pipe bend.	Change in scope - Continuity equation (only) Remove - application of impulse momentum equation – force on pipe bend Add - Application of Bernoulli's equation – Measurement of flow in pipes – Venturi meter, Pitot tube, Orifice meter – Orifice and Mouthpiece	More Syllabus	
	UNIT – 4	Closed conduit flow: Reynolds' experiment: Characteristics of Laminar and Turbulent flows, Flow between parallel plates, Flow through long tubes Laws of fluid friction – Darcy's equation – Minor losses – Variation of friction factor with Reynolds' number – Moody's chart – TEL and HGL – Pipes in Series and Pipes in Parallel – Pipe network problems	Change in scope – Pipes in series and parallel Remove – pipe network problems	More Syllabus	
	UNIT – 5	Flow measurement in pipes - Pitot tube, Venturi meter and Orifice meter, Flow through orifice and mouthpiece – constant head method and variable head	Remove – completely remove UNIT 5 Add - Dimensional	Swapping of Some	

		method, Flow measurement in open channels- sharp crested rectangular, triangular and trapezoidal notches and broad crested weirs.	analysis and Hydraulic similitudes as UNIT – 5 Dimensional Analysis: Principle of dimensional homogeneity - Rayleigh's method and Buckingham's pi theorem Hydraulic Similitude: Geometric, kinematic and dynamic similarities- dimensionless numbers – types of models- model and prototype relations.	contnt s of FM and H&H M	
	UNIT - 6	Boundary layer growth in flow over a flat plate held at zero incidence- Laminar and Turbulent Boundary layers, Thicknesses of boundary layer-displacement thickness, momentum thickness and energy thickness. Boundary layer separation and control methods , Drag and lift forces- streamlined and bluff bodies-flow past immersed bodies.	Remove - Laminar and Turbulent boundary layers Change in scope – Thicknesses of boundary layer Change in scope – Boundary layer separation and remove Control methods Remove – Streamlined and Bluff bodies – flow past immersed bodies	More syllabus	

Subject	UNIT	Original Syllabus as per A1 regulation	Change in syllabus	Justification	Suggestions by BoS
Building materials and Concrete Technology (III-Semester)	No Changes				

Subject	UNIT	Original Syllabus as per A1 regulation	Change in syllabus	Justification	Suggestions by BoS
SURVEYING FIELD WORK (III-Semester)	EXP - 06	Exercise on determination of distance using Total Station (Direct and MLM).	Add – Remote Elevation Measurement (REM)	Height measurements are needed to be learning in Total station surveying.	<ul style="list-style-type: none"> Changes are not approved Compass Surveying can be removed in laboratory (theory is enough)
	EXP - 07	Determination of Coordinates at various points in given area using Total Station for determination of Area.	Determination of an area in coordinate system using Total Station survey and plot the same.	Same experiment, but heading was changed.	

Subject	Original Syllabus as per A1 regulation	Change in syllabus	Justification	Suggestions by BoS
FM& HM Lab (III-Semester)	<u>Fluid Mechanics Laboratory</u> <ul style="list-style-type: none"> Calibration of Venturi meter Calibration of Orifice meter Calibration of Triangular notch Verification of Bernoulli's principle Determination 	Change name to Hydraulic Engineering Laboratory <u>Flow Measurement</u> <ol style="list-style-type: none"> Flow through Venturi meter Flow through Orifice meter Flow through variable duct area – Bernoulli's 	Fluid Mechanics Laboratory and Hydraulic Machinery Laboratory are recommended to be merged into single laboratory as Fluid Mechanics and Hydraulic Machinery since it is proposed to introduce Building Information Modeling Laboratory.	<ul style="list-style-type: none"> Approved. Merges all experiments under “losses in pipes” into one experiment. Merges all experiments under “Pumps” into one experiment. Merges all

<p>of Friction factor in a pipe</p> <ul style="list-style-type: none"> • Determination of loss of head due to sudden contraction, sudden expansion, elbow and bend in a pipe • Determination of co efficient of discharge for a small orifice • Determination of co efficient of discharge for an external mouthpiece • Verification of Reynolds experiment • Calibration of pitot tube <p><u>Hydraulic Machinery Laboratory</u></p> <ul style="list-style-type: none"> • Determination of coefficient of Impact of Jet on Vanes (Flat & Semi-circular Vanes) • Performance test on Pelton Wheel Turbine. • Performance test on Francis Turbine. • Performance test on Kaplan Turbine. • Performance test on Single Stage Centrifugal Pump. • Performance test on Multi Stage Centrifugal Pump. • Performance test on Reciprocating Pump. • Determination of Loss of Energy in a Hydraulic Jump. 	<p>experiment</p> <p>4. Flow through Orifice and Mouthpiece</p> <p><u>Losses in pipes</u></p> <ol style="list-style-type: none"> 1. Determination of friction factor in pipes 2. Determination of loss coefficients for pipes fittings <p><u>Pumps</u></p> <ol style="list-style-type: none"> 1. Characteristics of Centrifugal pumps 2. Characteristics of Reciprocating pump 3. Characteristics of Multistage centrifugal pump <p><u>Turbines</u></p> <ol style="list-style-type: none"> 1. Characteristics of Pelton wheel turbine 2. Characteristics of Francis turbine 3. Characteristics of Kaplan turbine <p><u>Notches</u></p> <ol style="list-style-type: none"> 1. Flow through Rectangular, Triangular and Trapezoidal notches. 2. Flow through a Broad crested weir. 3. Flow through a Venturi flume <p><u>Demonstration</u></p> <ol style="list-style-type: none"> 1. Metacentric height 2. Reynolds experiment 3. Hydraulic jump 4. Submersible pump <p>At least 12 experiments needed to be conducted</p>	<p>Also it is felt that handling fluid mechanics laboratory seems to be difficult without much theoretical background, since theory part is also covered during the same semester.</p>	<p>experiments under “Notches” into one experiment.</p>
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	<ul style="list-style-type: none"> • Calibration of Venturi flume • Calibration of Broad-Crested Weir. • Design Experiment. Field Visit – Working Demonstration of a Submersible Pump.			
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Subject	UNIT	Original Syllabus as per A1 regulation	Change in syllabus	Justification	Suggestions by BoS
Strength of Materials-II (IV-Semester)		No Changes			

S. No	Subject	UNIT	Original Syllabus as per A1 regulation	Change in syllabus	Justification	Suggestions by BoS
1	HYDRAULICS AND HYDRAULIC MACHINERY (IV-Semester)	UNIT – 1	Channels & Flows: Type of channels – Types of flows - Velocity distribution – Energy and momentum correction factors – Uniform flow equations – Most Economical sections Critical flow: Specific energy- Critical depth – Computation of critical depth	Change unit name to Uniform Flow Add – Differences between pipe flow and open channel flow Remove - Specific energy- Critical depth – Computation of critical depth and move to 3 rd Unit	Swapping of contents	<ul style="list-style-type: none"> • All changes in syllabus are approved. Unit 4: Include Water Hammering topic.
2		UNIT – 2	Non-uniform flow: Dynamic equation for G.V.F., Mild, Critical, Steep, horizontal and adverse slopes-surface profiles-direct step method - Rapidly varied flow, hydraulic jump, energy dissipation.	Change unit name to Gradually Varied flow Add – Standard step method Remove - Rapidly varied flow, hydraulic jump, energy dissipation and move to 3 rd Unit	Swapping	
3		UNIT – 3	Dimensional Analysis: Principle of dimensional homogeneity - Rayleigh's method and Buckingham's pi	Remove complete unit – moved to Fluid Mechanics Introduce Rapidly varied flow as 3 rd Unit	Swapping	

			<p>theorem Hydraulic Similitude: Geometric, kinematic and dynamic similarities- dimensionless numbers – types of models- model and prototype relations.</p>	<p>Add – Energy depth relation: Critical, Sub-critical and Super-critical flow – Computation of Critical depth – Channel Transitions Hydraulic Jump: Momentum equation for hydraulic jump- Hydraulic jump in a rectangular channel – Classifications of jumps - Energy dissipation – Introduction to Surges</p>		
4		UNIT – 4	<p>Hydropower plant: Layout of a typical hydropower installation – components and functions. Dams: Dams – Classification of dams – Selection of type of dam – Selection of site for a dam. Reservoirs: Classification of Reservoirs – Reservoir planning – Purposes of reservoirs.</p>	Unchanged	No Change	
5		UNIT – 5	<p>Hydrodynamic force of jets on stationary and moving flat, inclined and curved vanes, jet striking centrally and at tip, velocity triangles at inlet and outlet, expressions for work done and efficiency (single and series of vanes).</p> <p>Classification of hydraulic turbines - Pelton wheel - Francis turbine - Kaplan</p>	<p>Change in scope – Hydrodynamic force of jet on vanes - moving flat and inclined vanes - stationary curved vane (centrally and at tip) - wheel mounted by a series of flat and curved vanes - moving curved vane at tip - velocity triangles - expressions for work done and efficiency</p>	Swapping	

			<p>turbine - working, working proportions, velocity diagram, work done and efficiency, hydraulic design, draft tube – theory and functions, efficiency.</p> <p>Governing of turbines- unit quantities and specific speed of turbines - performance curves</p>	<p>Turbines – Heads and Efficiencies - Classification – Working of Pelton, Francis and Kaplan turbines, Draft tube and cavitation – Design of Pelton wheel turbine</p> <p>Performance of Turbines – Main and operating characteristic curves – Specific speed.</p>		
6		UNIT – 6	<p>CENTRIFUGAL PUMPS: Components and working of a centrifugal pump- Classification of centrifugal pumps-work done- heads, losses and efficiencies-specific speed, pumps in series and parallel-characteristic curves-NPSH- Cavitation.</p> <p>RECIPROCATING PUMPS: Components and working of a reciprocating pump, classification of reciprocating pumps, work done by reciprocating pump, slip of reciprocating pumps, indicator diagrams.</p>	<p>Reciprocating pumps - Components and working - classification – work done - slip- air vessel</p> <p>Centrifugal pumps - Components and working – classification – work done -Heads, losses and efficiencies – multistage pumps – NPSH - Cavitation</p>	Swapping	

Subject	UNIT	Original Syllabus as per A1 regulation	Change in syllabus	Justification	Suggestions by BoS
STRUCTURAL ANALYSIS (IV-Semester)	UNIT-I	Analysis of Propped cantilever for shear, bending moment and deflection subjected to	<ul style="list-style-type: none"> Instead of different loading, specify the loading conditions as Point load, udl, couple and combination of point and udl. 	More clarity	All changes in syllabus are approved.

		different loading			
	UNIT-6	Analysis of plane truss by stiffness method with kinematic indeterminacy ≤ 3	<ul style="list-style-type: none"> Change kinematic indeterminacy ≤ 2 	To reduce the size of the problem to be solved	

Subject	UNIT	Original Syllabus as per A1 regulation	Change in syllabus	Justification	Suggestions by BoS
BUILDING PLANNING AND CE DRAWING (IV-Semester)	UNIT – 2	Development Control Rules and General Building Requirements as per NBC Residential Buildings - Introduction, minimum standards for various parts of buildings. Requirements of different rooms and their grouping. Characteristics of various types of residential buildings. Public Buildings - Introduction- Planning of educational institutions. Planning of Hospital buildings. Planning of Office buildings.	Remove – Planning of educational buildings and hospital buildings. Add – Planning of school buildings and 10 bedded hospital.	Syllabus is huge in this unit.	All changes in syllabus are approved.
	UNIT – 3	Conventional signs–Brick, Plaster, Stone, Plain Cement Concrete, Reinforced Cement Concrete, Timber, Glass, Sand filling, Steel, cast iron, Copper alloys, Aluminium alloys etc. Bonds- Introduction, Terminology, Types of Bonds, English bond and Flemish bond –Odd and Even courses for one, one and half, two brick walls in thickness at junction of a corner.	Add – Header bond and Stretcher bond. Remove – English bond and Flemish Bond – One and half and Two brick wall.	Syllabus is huge in this unit.	
	UNIT – 4	Draw a Plan, Elevation and Sectional view of a Residential and Public buildings from the given line diagram, Plot area and Plinth area.	Keep only one public building, i.e. only school building.	Syllabus is huge in this unit and time is not enough to draw remaining drawings.	

Subject	UNIT	Original Syllabus as per regulation A1	Change in syllabus	Justification	Suggestions by BoS
Core Elective-I (IV-Semester)	No Changes				

Subject	UNIT	Original Syllabus as per regulation A1	Change in syllabus	Justification	Suggestions by BoS
Strength of Materials Lab (IV-Semester)	No Changes				

Subject	UNIT	Original Syllabus as per regulation A1	Change in syllabus	Justification	Suggestions by BoS
Hydraulic Machinery Lab (IV-Semester)	Removed and Merged into Fluid Mechanics Laboratory				

Subject	UNIT	Original Syllabus as per regulation A1	Change in syllabus	Justification	Suggestions by BoS
Water Resources Engineering (V-Semester)	No Changes				

Subject	UNIT	Original Syllabus as per regulation A1	Change in syllabus	Justification	Suggestions by BoS
DESIGN OF REINFORCED CONCRETE STRUCTURES (V-Semester)	UNIT-3	Limit state analysis and design of section for shear and torsion IS 456 code provision	<ul style="list-style-type: none"> Rewrite as Limit state analysis and design of Rectangular section for shear and torsion as per IS 456 code provision 	More clarity	All changes in syllabus are approved.
	UNIT-4	Serviceability aspects in design	<ul style="list-style-type: none"> Remove Serviceability 	From GATE and IES	

		of slabs	aspects in design of slabs • Add One-way continuous slabs	syllabus point of view	
	UNIT-5	design and detailing of short under axial loads	• Write short column instead of Short	Typing mistake	

Subject	UNIT	Original Syllabus as per A1 regulation	Change in syllabus	Justification	Suggestions by BoS
Transportation Engineering (V-Semester)	No Changes				

Subject	UNIT	Original Syllabus as per A1 regulation	Change in syllabus	Justification	Suggestions by BoS
Environmental Engineering – I (V-Semester)					Title change to Water supply Engineering.

Subject	UNIT	Original Syllabus as per A1 regulation	Change in syllabus	Justification	Suggestions by BoS
GEOTECHNICAL ENGINEERING (V-Semester)	4&5	UNIT- IV (Compaction) Significance – factors affecting– effect of compaction on mechanical properties of soil- Mechanism of compaction - compaction control UNIT- V (Vertical Stress Distribution in Soil and consolidation) Geostatic stresses- stresses induced by	Merging unit- IV and unit-V Topic (Vertical stress distribution in soil). UNIT- IV (Compaction and Vertical Stress Distribution in Soil) Compaction: Significance – factors affecting– effect of compaction on mechanical	Unit-V of earlier syllabus is very lengthy and unit –IV is of less syllabus content. Hence it is proposed to deal with consolidation in single unit, i.e. unit-V and computation of vertical stress is included in unit-IV, since the	All changes in syllabus are approved.

		<p>applied loads point loads and areas of different shapes</p> <ul style="list-style-type: none"> - Boussinesq's and Westergaard's theories - Newark's influence chart - 2:1 stress distribution method. <p>Consolidation:</p> <p>Significance of consolidation – stress-strain-time relationship for sand and clay- $e-p$ and $e-\log p$ curves – Stress story- Over consolidated and normally consolidated clays– Mechanism of consolidation - Spring Analogy - Terzaghi's theory of one-dimensional Consolidation – Time rate of consolidation and degree of consolidation – Determination of coefficient of consolidation (C_v) - secondary consolidation.</p>	<p>properties of soil- Mechanism of compaction - compaction control</p> <p>Vertical Stress Distribution in Soil</p> <p>Geostatic stresses- stresses induced by applied loads point loads and areas of different shapes - Boussinesq's and Westergaard's theories - Newark's influence chart – 2:1 stress distribution method.</p>	<p>same is not lengthy.</p>	
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Subject	UNIT	Original Syllabus as per A1 regulation	Change in syllabus	Justification	Suggestions by BoS
CONCRETE TECHNOLOGY LAB (V-Semester)	Tests on cement	<ul style="list-style-type: none"> • Determination of Soundness of cement • Determination of Final setting time of cement • Determination of specific surface area of cement 	• Put them in Demonstration	Time constraint	All changes in syllabus are approved.
	Tests on fresh concrete	<ul style="list-style-type: none"> • Determination of Workability of fresh concrete By Compacting factor test • Determination of Workability of fresh concrete by VEE-BEE Consistometer 	• Put them in Demonstration	Time constraint	
	NDT on hardened concrete	Working with Pulse Velocity instrument	• Put it in Demonstration	Time constraint	

Subject	UNIT	Original Syllabus as per A1 regulation	Change in syllabus	Justification	Suggestions by BoS
Engineering Geology Lab (V Semester)	No Changes				

Subject	UNIT	Original Syllabus as per A1 regulation	Change in syllabus	Justification	Suggestions by BoS
DESIGN OF STEEL STRUCTURES (VI-Semester)	<ul style="list-style-type: none"> • Shift UNIT 2 to last UNIT • Include exam pattern also 				All changes in syllabus are approved.

Subject	UNIT	Original Syllabus as per A1 regulation	Change in syllabus	Justification	Suggestions by BoS
ADVANCED REINFORCED CONCRETE STRUCTURES (VI-Semester)	UNIT-3	Design and detailing of Strip and Combined footings (beam and Slab type)	<ul style="list-style-type: none"> Remove Slab type 	Field relevance	Title Change to Reinforced and Prestressed Concrete design. All changes in syllabus are approved.
	UNIT-5	<ul style="list-style-type: none"> Elastic analysis of concrete beams prestressed with straight, concentric, eccentric, bent and parabolic tendons Pressure line Design of simply supported prestressed beam for flexure as per IS 1343-2012 	<ul style="list-style-type: none"> Remove bent tendons Pressure line (theory only) Flexure design for type 1 members only 	More syllabus	

Subject	UNIT	Original Syllabus as per A1 regulation	Change in syllabus	Justification	Suggestions by BoS
FOUNDATION ENGINEERING (VI-Semester)	Unit -2	UNIT II (Stability of slopes) Infinite and finite slopes- Factor of safety- forms of slip surface- stability analysis- Swedish circle, method of slices, Taylor's stability number- stability of earth dams under various conditions.	Individual topic (Retaining walls, Braced cuts and Sheet pile walls) as unit-II and named as unit-II. Unit –II Retaining walls, Braced cuts and Sheet pile walls): Types of retaining walls- stability checks of gravity retaining wall, semi gravity retaining wall & cantilever retaining wall. Earth pressure against bracing in cuts and sheet pile walls.	Stability of retaining wall is not included earlier. However, this component is required to design abutments, wing wall etc. and hence included in the present proposed revision	In Pile foundations chapter, include topic “Foundations on expansive soil: Under-reamed foundations” Remove Well Foundations. Rest all changes in syllabus are approved.
	Unit 2	UNIT II (Stability of slopes) Infinite and finite slopes- Factor of safety- forms of slip surface- stability	Unit II renamed as unit-III and added a topic - friction circle method. UNIT III (Stability of slopes)	In the previous syllabus, friction circle method was	

		analysis- Swedish circle, method of slices, Taylor's stability number- stability of earth dams under various conditions	Infinite and finite slopes- Factor of safety- forms of slip surface- stability analysis- Swedish circle, method of slices, Taylors stability number- friction circle method- stability of earth dams under various conditions.	not included. This one of method to check the stability of slopes. Hence is included.	
	Unit 3		Unit III renamed as unit IV		
	Unit 4	<p>UNIT IV (Pile Foundation) Types of piles – Load carrying capacity of piles based on static pile formulae – Dynamic pile formulae– Pile load tests - Load carrying capacity of pile groups in sands and clays, pile settlements, uses of bentonite in pile construction</p> <p>UNIT V (Soil Exploration) Role of site investigation-Boring and Sampling methods – Field tests – Penetration Tests – Pressure meter – rock sampling - soil investigation report, Well Foundations: Types – Different shapes of well – Components of wells – functions – forces acting on well foundations - Design Criteria – allowable bearing pressure- lateral</p>	<p>Well foundation topic from unit V is shifted to pile foundation and renamed as Unit V</p> <p>UNIT IV (Pile Foundation & Well Foundations) Pile Foundation: Types of piles – Load carrying capacity of piles based on static pile formulae – Dynamic pile formulae– Pile load tests - Load carrying capacity of pile groups in sands and clays, pile settlements, uses of bentonite in pile construction.</p> <p>Well Foundations: Types – Different shapes of well – Components of wells – functions – forces acting on well foundations - Design Criteria – allowable bearing pressure- lateral stability-analysis based on bulkheads and IRC</p>	The syllabus for the unit was finalized based on deep foundations , well foundation being one.	

		stability- analysis based on bulkheads and IRC methods - Determination of staining thickness and plug - construction and Sinking of wells – Tilt and shift.	methods - Determination of staining thickness and plug - construction and Sinking of wells – Tilt and shift.		
	Unit 6	UNIT VI (Expansive soils) Introduction, identification of expansive soils- adverse effects of swelling- design of foundations on expansive soils. UNIT V (Soil Exploration) Role of site investigation- Boring and Sampling methods – Field tests – Penetration Tests – Pressure meter – rock sampling - soil investigation report,	Expansive soils topic is proposed to be dropped and a single unit is proposed for soil exploration. Further geophysical methods are also included in the present unit. UNIT VI (Soil Exploration) Role of site investigation- Boring and Sampling methods – Field tests – Penetration Tests – Pressure meter – rock sampling - soil investigation report, geophysical methods.	This topic which is of advanced in nature & can be included at PG Level. Unit-VI was now finalized exclusively for soil exploration dulingincorporated geophysical method.	

Subject	UNIT	Original Syllabus as per A1 regulation	Change in syllabus	Justification	Suggestions by BoS
ENVIRONMENTAL ENGINEERING-II (VI-Semester)	UNIT – 5	Construction and design of septic tank – soak pits- sludge digestion- Ultimate disposal of sewage – sewage farming – dilution	Add - DO. Models for Streams - Streeter Phelps model – oxygen sag curve – deoxygenation and reaeration coefficients	Because DO. Models for Streams, Streeter Phelps model – oxygen sag curve – deoxygenation and reaeration coefficients	Title change to Waste Water Engineering. Unit 5: no changes are to be made. Unit 6: Remove

			from unit-6 and remove them in unit-6	are related to disposal of sewage. So, students can understand better because there will be continuity in the topic.	modeling topics.
	UNIT – 6	Modelling approaches to water quality - classification - Mathematical Models for water quality - DO. Models for Streams - Streeter Phelps model - oxygen sag curve - deoxygenation and reaeration coefficients - Benthic oxygen demand - mass transport mechanisms - Advective and diffusive mass transport - Models for Estuary and Lakes.	Remove – Modelling approaches to water quality - classification, Advective and diffusive mass transport - Models for Estuary and Lakes.		

Subject	UNIT	Original Syllabus as per A1 regulation	Change in syllabus	Justification	Suggestions by BoS
ADVANCED STRUCTURAL ANALYSIS (Core Elective-2)	UNIT-1	Deflections of simple beams and pin jointed trusses	• Rewrite as Simply supported beams and pin jointed determinate trusses	More clarity	Unit 6: Changes are not approved. Rest all changes are approved.
	UNIT-3	• Three hinged and Two hinged Stiffening girders	• Remove to hinged stiffening girder	More syllabus	
	UNIT-	• Approximate	• Limit	To reduce	

	4	methods of structural analysis of multi-storey, multi-bay portal frame for vertical and lateral loads	number of storey's to 3	the size of problem	
	UNIT-5	<ul style="list-style-type: none"> Analysis of beams using flexibility method with static indeterminacy equal to 1(for vertical loading) 	<ul style="list-style-type: none"> Analysis of flexibility method only for point load 	To reduce the size of problem	
	UNIT-6	<ul style="list-style-type: none"> Introduction and application to continuous beam and portal frame with kinematic indeterminacy not more than three 	<ul style="list-style-type: none"> Remove portal frame 	To reduce the size of problem	

Subject	UNIT	Original Syllabus as per regulation A1	Change in syllabus	Justification	Suggestions by BoS
CONSTRUCTION EQUIPMENT & METHODS CODE (Core Elective-2)	01	Introductions to Construction equipments – economic considerations – Description and Working of equipments related to Earth Work (Excavators), Concrete, and Road Laying.	Remove one content – “Description and Working of equipments related to Earth Work (Excavators), Concrete, and Road Laying.” Add one content – “Quality and Safety engineering pertaining to construction equipments”	Introduction means to know about description and working principles of construction equipments. It is necessary to know quality and safety engineering before going to handle with heavy construction equipments.	<ul style="list-style-type: none"> All changes are approved. Unit 1: the term “Quality” can be replaced by “operational efficiency” Introduce tasks of excavation, laying etc. in Unit 1 only.
	06	Construction methods – piling – form work – fabrication and	Remove one content – “quality and safety	Unit location changes	

		erection – quality and safety engineering – Modern trends in construction practice.	engineering ”		
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Subject	UNIT	Original Syllabus as per A1 regulation	Change in syllabus	Justification	Suggestions by BoS
Transportation Engineering Lab (VI-Semester)		No changes			

Subject	UNIT	Original Syllabus as per A1 regulation	Change in syllabus	Justification	Suggestions by BoS
Geotechnical Engineering Lab (VI-Semester)		No changes			

Subject	UNIT	Original Syllabus as per A1 regulation	Change in syllabus	Justification	Suggestions by BoS
ESTIMATION AND CONTRACTS (VII-Semester)	04	Contracts – Types of contracts – contract documents – conditions of contract.	Add one content – “Tender Document”	Contract Document is immediate outcome of Tender Document	Unit 4: Include “Tenders” topic followed by “Contracts”

Subject	UNIT	Original Syllabus as per A1 regulation	Change in syllabus	Justification	Suggestions by BoS
ADVANCED WATER RESOURCES ENGINEERING (Core Elective-3)	UNIT – 5	Gravity dams: Forces acting on a gravity dam, causes of failure of a gravity dam, elementary profile and practical profile of a gravity dam, limiting height of a dam, stability analysis, drainage	Add – Earthen dams, types and failures – Phreatic line		All changes in syllabus are approved.

		galleries, grouting.			
	UNIT – 6	Earth Dams: Types, causes of failure, criteria for safe design, seepage, measures for control of seepage-filters, stability analysis-stability of downstream slope during steady seepage and upstream slope during sudden drawdown conditions. Spillways: Types, design principles of Ogee spillways, types of spillway crest gates. Energy dissipation below spillways-stilling basin and its appurtenances.	Remove – Earthen dams completely Unit contains only spillways		

Subject	UNIT	Original Syllabus as per A1 regulation	Change in syllabus	Justification	Suggestions by BoS
STRUCTURAL DYNAMICS (Core Elective-3)	UNIT-3	Characteristic curves	Remove Characteristic curves	More syllabus	All changes in syllabus are approved.

Subject	UNIT	Original Syllabus as per A1 regulation	Change in syllabus	Justification	Suggestions by BoS
EARTHQUAKE RESISTANT DESIGN	UNIT-3	Calculation of base shear and Earthquake analysis of single bay two storey multi storey using	Rewrite as Earthquake analysis of single	More clarity	<ul style="list-style-type: none"> Remove Unit 1 and introduce IS

(Core Elective-4)		response spectra	bay two storey multi storey frame using seismic coefficient method and Response spectrum method		1893 and Earthquake Response spectrum. • Unit 3: in change, remove term “Multi-Storey” Rest all changes in syllabus are approved.
	UNIT-4	Design of portal frame by seismic coefficient and Response spectrum methods	Remove Design of portal frame by seismic coefficient and Response spectrum methods	Those are analysis methods	
	UNIT-6	Codal design provisions of shear walls	Rewrite as Design of shear walls as per IS13920	More clarity	
	GENERAL	REMOVE YEARS IN THE CODE NUMBERS			

Subject	UNIT	Original Syllabus as per A1 regulation	Change in syllabus	Justification	Suggestions by BoS
BUILDING CONSTRUCTION & SERVICES(Core Elective-4)	01	Types of Stone Masonry – Plan, Elevation, Sections of Stone Masonry Works – Brick Masonry – Different Types of Bonds – Plan, elevation and Section of Brick Bonds – Partition walls – Hollow concrete Blocks – FAL-G Blocks.	Add one content – “AAC Blocks”	“Autoclave Aerated Concrete” Blocks are new trend in construction industry as masonry units or blocks. These are well shape and size more than the blocks available in market and also very less self-weight.	All changes in syllabus are approved.

Subject	UNIT	Original Syllabus as per A1 regulation	Change in syllabus	Justification	Suggestions by BoS
GROUND IMPROVEMENT TECHNIQUES CODE (Core Elective-5)	Unit 1	In situ densification methods- in situ densification of granular soils- vibration at ground surface and at depth, impact at ground and at depth – in situ densification of cohesive soils – pre-loading – vertical drains – sand drains and geo drains – stone columns, soil nailing	Soil Nailing topic of unit I shifted to Unit IV		All changes in syllabus are approved. Unit 6: Classic case studies must be specifically discussed. Otherwise question bank preparation is difficult
	Unit 4& 5	UNIT- IV Reinforce earth – principles – components of reinforced earth – design principles of reinforced earth walls – stability checks. UNIT- V(Geosynthetics) Geotextiles – types – functions, properties and applications – geogrids, geomembranes and gabions - properties and applications.	Merge unit IV & V and named as unit IV. UNIT- IV(Reinforce earth &Geosynthetics materials) Reinforce earth: principles – components of reinforced earth – design principles of reinforced earth walls – stability checks. Geosyntheticsmaterials: types – functions, properties and applications –gabions - properties and applications.		
	Unit 6		Unit VI Rename as unit V		
	Unit 6		Add separated unit as Unit 6 and topic is Case studies in ground improvement techniques	Added unit 6 as a case studied in ground improvement	

			Unit-VI: Case studies in ground improvement techniques : Case studies dealing with various soils are to be analysed with out and with ground improvement techniques.	techniques because of knowing field application of the subject.	
	Reference book	‘Ground Improvement’ by MP Moseley, Blackie Academic and Professional, USA.	Replace 1 st reference by ‘Engineering treatment of soil’ by F.G. Bell, Taylor & Francis group		

Subject	UNIT	Original Syllabus as per A1 regulation	Change in syllabus	Justification	Suggestions by BoS
ADVANCED STRUCTURAL DESIGN (Core Elective-6)	UNIT-6	Design of simply supported deep beams using IS code	Add Introduction to Strut and Tie method	Global exposure to design Non-flexural members	All changes in syllabus are approved.

Subject	UNIT	Original Syllabus as per A1 regulation	Change in syllabus	Justification	Suggestions by BoS
RURAL ROADS (Core elective-8)	2	Planning of rural roads, Concept of Network Planning, rural roads plan, road alignment and surveys, governing factors for route selection, Rural Road Planning and Investment, State of art review of existing practices and their deficiencies in rural road planning, Socio-economic aspects in planning. Preparation of rural road master plans and their evaluation, Stage construction, planning, and utilization of successive investments .	Stage construction, planning and utilization of successive investments to be removed		In the proposed change, Check if the information related to topic is available or not.

Subject	UNIT	Original Syllabus as per A1 regulation	Change in syllabus	Justification	Suggestions by BoS
PROJECT PLANNING AND MANAGEMENT (Open Elective)	05	The role of Management in Project environment – Scope of the Construction Management, Significance of Construction management, Concept of Scientific Management, Qualities of Manager. Different financial models like PPP, BOOT etc.	Remove one content – “Different financial models like PPP, BOOT etc.”	Not required for other branches	All changes in syllabus are approved. Unit 6: PRIMAVERA topic is very important. Organize workshop? Add-on program
	06	Importance of Management Information Systems (MIS), Logical Foundation of MIS, Classification of Information Systems and Impact of construction work on Management Information Systems. Introduction to tools like MS project, PRIMAVERA etc.,	Remove one content – “Introduction to tools like MS project, PRIMAVERA etc.”	Not required for other branches	

Subject	UNIT	Original Syllabus as per A1 regulation	Change in syllabus	Justification	Suggestions by BoS
ROAD SAFETY ENGINEERING (Open Elective)	3	Road accidents, causes, recorded cases, method of recording. Accident data, storing of accident data, the use of accident data and interpretation of accident data.	Collision diagram and condition diagram to be added		All changes in syllabus are approved.
	4	Selecting and prioritizing locations for investigation, statistical analysis of accidents, in depth analysis of individual locations, defining the road accident problem, difference between site and route analysis, area wide road safety schemes,	3 E's of traffic engineering to be added		

		options for treating accident problems, monitoring the effectiveness of measures and estimating accident savings and economic benefits, Importance of road markings, Traffic signs and signals, Traffic control devices.			
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Minutes of 5th BOS Meeting

Fifth BoS meeting was conducted on 09.07.2019 in Civil Engineering Department

The agenda for the meeting is as follows:

1. Briefing of just concluded NBA visit
2. Review of Vision and Mission statements of the Department
3. Discussion on PSOs of the Department
4. Review of course outcome attainment for a first autonomous relived batch
5. Discussion on A2 regulation course structure
6. Discussion on Basic Civil Engineering workshop course for I semester in A2 regulation
7. Discussion on PG (Structural Engineering) Course structure and Syllabus proposed by AICTE

The members of the BoS are:

S.No	Name	Description
1	Dr. P. MarkandeyaRaju Professor& HOD, Civil Dept.	Chairman
2	Prof. K.V.L. Subramaniam, Dept. of Civil Engg. IIT, Hyderabad	Academic Expert
3	Sri SandeepMirmire Director Principle ACS Pvt Ltd.,	Industry expert
4	Dr. G V R PrasadaRaju Professor In-charge of IQAC & RUSA Coordinator Professor of Civil Engineering, JNTU Kakinada	Academic Expert
5	Sri Sirajuddin Mohammad Director Navayuga Engineering Company	Industry expert
6	Dr.YMCSekhar Vice Principal	Member
7	Dr.Ch.PurnachandraRao Dean A & E	Member
8	Dr.K.RajeswaraRao Dean, Civil Infrastructure	Member
9	Dr.S.Chandramouli Professor	Member
10	Dr.PartheepanGanesan, Associate Professor	Member
11	Dr. R. Maheswaran, Associate Professor	Member
12	Mr. S. MuraliSagarVarma, Assistant Professor	Member

13	Mr. A. Vara Prasad Assistant Professor	Member
14	Mr. V. Vinay Assistant Professor	Member
15	Mr. Rajendra Prasad Singh Assistant Professor	Member
16	Dr. P. Sudheer Assistant Professor	Member
17	Mr. B. Ramu Assistant Professor	Member
18	Mr. T. P. Sreejani Assistant Professor	Member
19	Mr. S. Purushotham Rao Assistant Professor	Member
20	Mr. S. Siva Bhanu Sai Kumar Assistant Professor	Member
21	Mr. Kalyan A.V.S Assistant Professor	Member
22	Mr. K. Santhosh Kumar Assistant Professor	Member
23	Mr. W. Sai Deepak Assistant Professor	Member
24	Mrs. T Jahnavi Assistant Professor	Member
25	Mrs. D Praseeda Assistant Professor	Member
26	Mr. B. Jagadeesh Assistant Professor	Member
27	Mr. G Rahul Reddy Assistant Professor	Member
28	Mr. A Sai Kumar Assistant Professor	Member
29	Mr. BVSSR Bhaskar Assistant Professor	Member

Semester I

“Workshop”

- Should be Common to all branches rather limited to Civil Engineering.
- Should include practical topics covering all specializations of Civil Engineering.
- Experiments related to
 - Steel: fastening, Connections, Drilling a Hole,
 - Environmental Engineering: Potability of Water, pH
 - Water resources: Calculation of Volume of Canals, Flow.
 - Concrete.
 - Compaction of Soil.

- Engineering Geology.
- Surveying: basic experiments like Chain Surveying, Compass Surveying, Plane table surveying.

Semester III

“Surveying and Geomatics”

- Structure can be modified to **L: 2 T: 0 P: 1** and Credits to **3** as some experiments are dealt in Workshop in Semester I.
- GPS topic is to be added in syllabus as part of Geomatics.

“Engineering Mechanics”

- Credits must be increased to 3 or 4

Semester IV

“Engineering Geology”

- Subject is to be replaced with “Project Planning and Management (PPM)”

Semester VI

- “**Mini Project**”: Include projects related to GIS

Semester VII

- Socially Related Projects: Surveying projects, Traffic Studies, Design of Intersections, Water quality, Air Pollution can be included.

Professional Electives

The committee members suggested that PEs are to be sorted out properly

PE 1: Subjects RRR and RS & GIS are of high level in Semester V. and subject “Channels and River Hydraulics” should be mandated.

PE 2: “Advanced Foundation Engineering” modified to “Foundation engineering” and mandated.

PE 3: RS & GIS should be included here and Merge the syllabus of Advanced Reinforced Concrete Structure (ARCS)” and “Advanced Steel Design” to one subject.

PE 4: Advanced Environmental Engineering subject is to be added which includes the syllabus of Waste Water Treatment and Solid Waste management.

PE 5: Merge Traffic studies and Urban Transport Planning to one Subject

Minutes of 6th BOS Meeting

1) **Sixth BoS meeting** of Civil Engineering Department was conducted on 28-08-2020 through Online Mode (MS Teams) due to Covid-19.

2) **The agenda for the meeting is:**

a) Review of A2 Course structure (UG)

b) Review of Syllabus prepared by faculty of the department under A2 course structure for UG Program in Civil Engineering (from 3rd Semester onwards)

c) Review of Syllabus prepared by faculty for M.Tech III Semester- Structural Engineering under A2 course structure

3) **The members present were:**

S.No	Name	Description
1	Dr.P.MarkandeyaRaju Professor & HOD, Civil Dept.	Chairman
2	Dr. K.V.L. Subramaniam, Professor, Dept. of Civil Engg. IIT, Hyderabad	Academic Expert
3	Sri Sandeep Mirmire Director, Principle ACS Pvt Ltd.,	Industry expert
4	Dr. YMC Sekhar Vice Principal	Member
5	Dr.K.Rajeswara Rao Dean, Civil Infrastructure	Member
6	Dr. S. Chandramouli Professor	Member
7	Dr.Partheepan Ganesan Associate Professor	Member
8	Dr.R.Maheswaran Associate Professor	Member
9	Mr.SMuraliSagarVarma Assistant Professor	Member
10	Mr.A.Varaprasad Assistant Professor	Member
11	Mr.Rajendra Prasad Singh Assistant Professor	Member
12	Dr. P. Sudheer Assistant Professor	Member
13	Mr.B.Ramu Assistant Professor	Member
14	Mr. TP. Sreejani Assistant Professor	Member
15	Mr. S. Purushotham Rao Assistant Professor	Member
17	Mr. S. Siva Bhanu Sai Kumar Assistant Professor	Member
18	Mr.Kalyan AVS Assistant Professor	Member
19	Mr. K. Santhosh Kumar	Member

	Assistant Professor	
20	Mr. W. Sai Deepak Assistant Professor	Member
21	Mrs. T Jahnavi Assistant Professor	Member
22	Mr. B. Jagadeesh Assistant Professor	Member
23	Mrs D Praseeda Assistant Professor	Member
24	Mr G Rahul Reddy Assistant Professor	Member
25	Mr A Saikumar Assistant Professor	Member
26	Mrs M SaiPriya Assistant Professor	Member

4) Comments/ Recommendations by the members

a) Discussion on program structure and change document.

Comments/Recommendations by Dr. KVL Subramaniam

- 1) Suggested to include Building Planning and Computer Aided Civil Engineering Drawing as a regular course.
- 2) Suggested to include analysis of determinate and indeterminate structures in the course on “Structural analysis” which comes in VSemester.
- 3) Suggested using NPTEL MOOCS as a supplementary or additional source to our teaching of a particular subject (Not only NPTEL but also other sources). MOOCs to be opted to Open Electives only but not under Professional Elective. But the Chairman, BoS, Dr.P.MarkandeyaRaju explained the process followed for opting MOOCs by the students in the department that “a student can only choose a 12hr course from NPTEL or other sources and also the subject chosen by the student must be well intimated in the beginning of the semester. Also the chosen course shouldn’t have been covered in our curriculum, and only then, credits will be considered”. The final call will be taken by HoD, Senior professors and Academic coordinator of the department and then only credits will be considered”.
- 4) It was suggested to change the title of Matrix methods of analysis to “Advanced Structural Analysis” and incorporate two units on Energy methods.
- 5) Suggested to include matrix methods in 6th semester instead of 7th semester along with Advanced Reinforced Structures since these two subjects will help GATE aspiring students.
- 6) Matrix methods (7th Sem.) and Repair and Rehabilitation of Structures (RRS) (6th Sem.) must be interchanged. RRS needs basics of Advanced RCC. So advised to change it to 7th Sem. after Advanced RCC is taught. Also suggested that FEM and Matrix methods should not be offered in the same semester. The following is the chain of subjects or chronological order of subjects that he proposed to be included in the course structure.

Matrix Methods of Structural Analysis -> Advanced Reinforced Concrete Design -> Finite Element Methods -> Repair and rehabilitation of structures.

Comments/Recommendations by Sri.SandeepMirmire

1) Suggested that the position of Ground Improvement Techniques (GIT) (PE3) and Reinforced Soil Structures (RSS) (PE2) should be changed in Professional electives. This is because, Ground improvement techniques are basic concepts and for study of Reinforced soil structures these basics are needed. All members accepted this change.

2) Pointed out that Environmental Impact assessment (EIA) and Environmental Economics are both environmental courses and are in the same Professional Elective – 5.

3) Pointed out that Water Resources System Planning and Management (WRSPM) and Irrigation Engineering and Hydraulic Structures (IEHS) are both water resources related courses and are in the same Professional Elective-6

4) In this regard, BoS Chairman, Dr. P MarkandeyaRaju suggested the following changes

1. First, Ground Improvement Techniques (GIT) and Reinforced Soil Structures (RSS) are swapped in between PE2 and PE3, Disaster Management (DM) and Environmental Impact Assessment (EIA) are swapped between PE3 and PE5 and Air Pollution Engineering (APE) in PE4 is swapped with Water Resources System Planning and Management (WRSPM) in PE6.

2. After swapping Ground Improvement Techniques (GIT) and Reinforced Soil Structures (RSS), it is noted that both the courses are in the same semester and the purpose pointed out by Sri. SandeepMirmire will not be served. Therefore, DM is again swapped with RSS in between PE2 and PE5.

BoS Chairman, Dr. P MarkandeyaRaju, informed to the external members that the Open elective courses offered by Civil Department to other departments like Road safety, Project Planning & Management and Remote Sensing & Geo-Information Systems etc. are most sought-after courses by other department students. The members felt happy for this and emphasized the importance of these courses to other branch students.

b) Post-Graduation Program (M.Tech in Structural Engineering)

Changes in A2 Regulation in comparison with A1 regulation:

- In A1 Regulation, for I semester and II semester total number of credits per semester is 24 credits and for III semester and IV semester, the total number of credits per semester is 16 credits. In A2 regulation, for I semester and II semester total number of credits per semester are 18 credits and III semester total number of credits is 26 and IV semester total number of credits are 16 credits. This is essentially done to implement the model AICTE curriculum in true spirit.
- In A1 regulation, Project phase I is carried out in III semester for which 8 credits are allotted and in IV semester, for Project Phase-II is carried out and 16 credits are allotted for it. Hence, the total credits for Project work is 24 credits. Now in A2 regulation, Dissertation Phase-I is carried out in III semester for which 10 credits are allotted and Phase-II is carried out in IV semester for which 16 credits are allotted. A total of 26 credits are allotted for Dissertation / Project work in A2 regulation.
- In A1 regulation, Mandatory courses have 4 credits and Elective courses have 3 credits and laboratory courses have 2 credits. Now, in A2 regulation, theory courses are allotted with 3 credits and Laboratory courses are allotted with 2 credits as per AICTE model curriculum.
- In A2 regulation two audit courses are included, one audit course is in I semester and second audit course is in II semester.
- An Open elective course is newly included in III semester of A2 regulation and Comprehensive viva voce, seminar and pre-requisite study courses are excluded in A2 regulation.
- Research methodology course in A1 regulation is renamed as “Research Methodology and IPR” in A2 regulation and is running in I semester.
- In place of “Advanced structural engineering Laboratory” in I semester of A1 regulation, two laboratories “Structural Design Laboratory” and “Advanced Concrete Laboratory” are introduced in I semester of A2 Regulation.
- Further, “FEM Laboratory” and “Numerical Analysis Laboratory” are included in II semester of A2 regulation.
- Theory of Elasticity course is renamed as “Advanced Solid Mechanics” in A2 regulation.
- Advanced Mathematics course is renamed as “Analytical and Numerical Methods for Structural Engineering” and is offered as Program elective in A2 regulation.
- Substructure Design course is renamed as “Advanced foundation design” in A2 regulation.
- Structural Dynamics and Earthquake Resistant Design course is opted out and Structural Dynamics course is included in A2 regulation.
- Stability of structures course is excluded in A2 regulation.
- In A2 regulations the total number of credits is 68 whereas in A1 regulations the total number of credits was 80.



Action Taken Report on A2 Regulations

The following is the report on actions taken on the suggestions made during the meeting of “Board of Studies” on Electrical & Electronics Engineering (UG) and Power Systems (PG) programs held on 29-06-2019 at 10.00 A.M at 10:00AM, in the Department of Electrical & Electronics Engineering, MVGR College of Engineering, Vizianagaram and subsequently on 29-08-2020 through online mode. These suggestions include the suggestions from the students through meetings with class representatives. The Faculty, Employers and Alumni are all part of the Board of Studies and their suggestions through deliberations in the BOS meeting are thoroughly considered and implemented

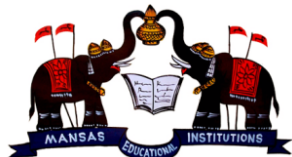
FOR B TECH PROGRAM

1. The credits allotted for various courses in Basic Science category was discussed.

It was resolved to adjust the no.of contact hourse 80 as to match the credits allotted to the subjects. In this context, it is resolved to allot one credit for one contact hour for theory subject (both lecture hour & tutorial hour will carry credit) for lab courses, it is 0.5 credits for one contact hour.

2. The courses IoT & AI may be transferred to later semesters (may be 5th (or) 6th Semester)

As the IoT course is under the umbrella of engineering sciences which is a common course to all the branches, accommodating it at later stages may not be possible. After through discussion, it is resolved to design the course in such a way that required prerequisites will be covered in the first unit in a broaders.



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3. A course on “Research Methodologies” may be incorporated as a mandatory course. It was opined that if this course was introduced in the 2nd (or) 3rd semester, interested students will orient them self towards developing prototypes/patenting by the time they reach final semester

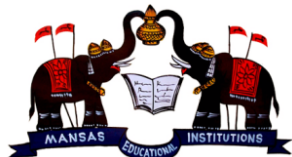
The feasibility of incorporating research methodologies as an audit course will be considered. As the credit distribution is done based on the guidelines given by AICTE and APSCHE, the course cannot be mandated.

4. The course “Power System Analysis & Switchgear and Protection may be merged into one subject and a subject on Electric Drives may be included as mandatory course instead of elective.

This point is discussed at length, as merging Power System Analysis & Switchgear and Protection will lead to a huge single course which cannot be taught in a single semester instead of merging these two courses, all the 4 courses in power system will be reviewed and will condense them into 3 courses on Power System. .

5. Proposed 4 Mathematics courses can be condensed to 3 courses and topics such as Laplace transform to Fourier transform can be included as a unit in Electrical Circuit Analysis.

As basic science courses one common to most of the branches and the credits given to basic sciences is as per the guidelines given by AICTE and APSCHE, the mathematics courses cannot be condensed into 3 courses, but topics which are of more importance in Electrical Engineering will be once again taught by the faculty of Electrical Engineering in a different approach.



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6. Introduce a course on Electric Vehicle/ Hybrid Vehicles and invite an industry person to teach the modules.

The course was incorporated in electives.

7. Instead of C-Programming in Programming for Problem Solving, Python may be introduced.

This particular item was discussed and the industry experts said that in an internal interaction with TCS, it was informed to them that in future most of the placements will be based on python as the new projects being organized by the companies mostly run on python. Also, there are no specific prerequisites for learning python programming. It is resolved to bring this issue to chairman, BOS of Computer Science and Engineering for his suggestion for further action.

8. Data Analysis can be small part in IoT.

The fundamental concepts of data analysis will be incorporated in IoT syllabus.



FOR M TECH PROGRAM

- 1. Power System Dynamics – I and Power System Dynamics – II can be Condensed and make as a single subject.**

After careful examination of the content of both the courses, it is resolved to merge both the courses and make one course on Power System Dynamics.

- 2. The subject on Renewable Energy Sources may be incorporated as core course.**

It is resolved to incorporate renewable energy sources as a core course along with the concepts of integration & change the title of the course as “Renewable Energy Systems & Integration”

- 3. The no.of electives offered may be limited to a maximum of three subjects..**

As the intake is only, 18, it is resolved to limit the number of electives in any stream to be a maximum of three courses. .

- 4. In Professional Electives – IV, AI may be removed.**

It is resolved to remove the course AI in the professional elective and place it in open elective.

- 5. The courses Business Analytics & Engineering Optimization may be removed from Open Elective.**

The course Business Analytics is offered as an open elective keeping in view the present trend in big data and data analytics..



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Action Taken Report on A2 Regulations

The following is the report on actions taken on the suggestions made during the meeting of “Board of Studies” on Mechanical Engineering(UG) and Product Design and Manufacturing (PG) programs held on 29-06-2019 at 10.30 A.M, in the Department of Mechanical Engineering, MVGR College of Engineering, Vizianagaram. These suggestions include the suggestions from the students through meetings with class representatives. The Faculty, Employers and Alumni are all part of the Board of Studies and their suggestions through deliberations in the BOS meeting are thoroughly considered and implemented

Suggestions given by BoS Members

1. While discussing about the performances of students in A1 regulations, Prof.N. V. Reddy has observed conspicuously missing normal distribution among the performances which will be the case even in reputed institutions.

HOD explained how the implementation of external BOS members suggestions in terms of pedagogical aspects have translated in to better understanding of concepts and hence the results.

2. Members suggested that the course titles should reflect content/syllabus in the course rather than a generic title (Example: Engg. workshop for CSE, ECE etc., Maths1-4, life sciences, leadership, etc.)

It has been resolved to change the titles of the courses offered by the department

3. Indian traditional knowledge syllabus should contain some mechanical engineering aspects of age old structures and also suggested a book entitled “History of Technology in india” by Amitabh Ghosh.

Indian traditional knowledge is a noncredit course offered by Department of English and hence the suggestions are forwarded to the respective department.



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4. IOT syllabus should contain some basics of sensors and controllers and would be better if it is offered either I st or 2nd semester

The concepts suggested are included in the course “Industry Internet of Things”.

As the courses for the first years are common as per the guide lines of AICTE, the course could only be included in the fourth semester

5. AI may be renamed as machine learning for Engineers and the syllabus may be designed based on the contents of the same course offered by Prof. Balaji Srinivasan on MOOCS/NPTEL platform.

AI course is offered by the department of CSE and the suggestions of the members are forwarded the respective department

6. The members suggested checking the possibility of offering Engineering Mechanics at earlier stages than what it was currently designed.

The first year courses are decided strictly as per the recommendations of AICTE

7. Members felt that IV semester is bit heavy credits wise and suggested to move once course to III semester.

Reshuffling is made so as to make all the semesters are more or less balanced credit wise

8. Members felt that Computer aided machine drawing course should be renamed as computer aided geometry design after discussing the expected outcomes of the course.

As suggested computer aided machine drawing is renamed as computer aided geometric design and assembly

9. Manufacturing technology title should be renamed as Manufacturing Science and half of the syllabus should reflect the concepts of Industry 4.0. Alternatively Manufacturing processes and Manufacturing Technology courses can also be renamed as Manufacturing Technology I and Manufacturing Technology II. The courses line up for production courses should be Manufacturing Science first Manufacturing Technology next and then Manufacturing Systems.

As suggested by the members, the production courses are introduced in the fourth, fifth and seventh semester as Manufacturing Processes, Manufacturing Technology and Manufacturing Systems respectively.



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10. Members suggested introducing one or two units on Electric vehicles in IC engines course, a topic related to CT scan in the course NDT, a unit related to tribology in the Surface Engineering course and Design aspects of Power Plants in the Power Plant Engineering Course.

As per the suggestions of the members a unit is related to Electric Vehicles is added to IC Engines course, a topic related to CT Scan is added to NDT Course and Design Aspects of Power Plant Engineering are in two units of PPE Course.

11. Members suggested that CAD course can be renamed as mathematical elements for computer graphics or Computer Aided Design and Analysis and suggested to follow “mathematical elements for geometry modelling” by Rogers and Adams as text book Computer aided design is renamed as computer aided Design and Analysis and suggested book is added as Text Book
12. Manufacturing systems course should be in the VII semester in tune with laboratory and AIM course can be offered as elective.

As suggested by the members the course Manufacturing Systems is offered along with the laboratory in the seventh semester

13. Members suggested checking the L-T-P-C for each and every course and adding contact hours for projects. Also subject coding should be changed according to year/ Semester for easy understanding (Ex: 1101 means 1st year 1st semester 01 course)

L-T-P-C allocation for each and every course checked carefully and contact hours have been added to Project work as suggested. Subject coding is done as per the guidelines formulated by the central examinations team with the inputs from all HODs to have a uniform course designation system across the institution.

14. Members opined that Professional ethics should be mandatory for both UG and PG students and to add content related to SAP-PS module in the course Project Management. Also leadership course should be renamed and content related to Floor Management and Entrepreneurship should be added.

As suggested by the members, Professional Ethics course is introduced at both UG and PG level as credit courses. Also the UG course Leadership is renamed as



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Leadership and Team Management and a Module related to SAP is added in the PG course Project Management.

15. Members advised to maintain videos developed by Society of Mechanical Engineers (SME) in the library for the ready reference of the students on various Workshop/Manufacturing Technologies.

A collection of Videos related to various technologies of Mechanical Engineering is made available in the Departments Digital Library for the reference of students.

16. Members suggested to add Fluid mechanics by White for Fluid Mechanics and Fluid Machines course, Theory of Machines by Gosh and Mallik for Theory of Machines Course, Machine tool technology by Juneja & N.K.Mehata for Manufacturing Technology, Mechanical Measurements by SP Venkatesan for Mechanical Measurements and Instrumentation as text books.

All the books suggested by the members are added as Text books / reference books for respective courses

17. Syllabus for all the courses must follow a standard format. Each unit should have a heading. Text books and reference books must be recent editions and mentioned in a standard format as is in the case of references in any standard journal. For most of the courses objectives and outcomes should be re written

A similar format is used for documenting all the courses as suggested by the members

18. Members advised to rename courses Solid Mechanics as Advanced strength of Materials, Experimental Methods for Engineers as Design and Analysis of Experiments

Above mentioned courses are renamed as suggested by the members.

19. Experiments with more focus on Design of Experiments, Simulation Lab as Modelling and Simulation Lab

Project Based learning has been made mandatory for all laboratory based courses with emphasis on design of experiments

20. Expected outcomes of the Project Phase –I and Project Phase –II should be clearly defined.



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Assessment Methodology and expected outcomes have been clearly defined in the case laboratory, Mini project, Socially Relevant Project and Final Project

21. Members suggested to add industry 4.0, digital manufacturing and 3D printing etc.in appropriate courses.

Industry 4.0 has been added in Automation in Manufacturing course and topics related to Digital Manufacturing & 3D printing are added in the course Manufacturing processes

22. While discussing the structure and syllabi for M. Tech (Product Design and Manufacturing) program, members suggested to change the Textbooks and Reference books for Finite Element Methods course, rename the course Advanced Metallurgy to Advanced Materials and add concepts of material engineering to the course Creep Fatigue and Fracture Mechanics (CFFM). Also remove forming for Non Traditional Machining Processes

As suggested by the members, the text books and reference books are changed for the course Finite Element Methods. The course Advanced Metallurgy has been renamed as Advanced Materials, Materials Engineering concepts have been added to the course Creep, Fatigue and Fracture Mechanics (CFFM) and the forming topics are removed from the course Non Traditional Machining Processes.



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Action Taken Report on A2 Regulations

The following is the report on actions taken on the suggestions made during the meeting of “Board of Studies” on Electronics and Communication Engineering (UG) and VLSI (PG) programs held on **29-06-2019** and **29-08-2020**. These suggestions include the suggestions from the students through meetings with class representatives. The Faculty, Employers and Alumni are all part of the Board of Studies and their suggestions through deliberations in the BOS meeting are thoroughly considered and implemented.

Suggestions and action taken report on 5th BOS Meeting held on 29-06-2019

A2 Curriculum - Academic regulations.

1. Grading system - Suggested for 7 point grading system i.e. O to F (O,A,B,C,D,E &F) and to follow relative grading-
 - Grading system has been retained as 10 grade points and is absolute grading
2. Suggested not to have choice in the question paper i.e., the student must answer all questions.
 - In the question paper internal choice will be followed
3. Suggested to make the student repeat both theory and lab, if he/she fails in integrated course.
 - The students will repeat both theory and lab, if he/she fails in integrated course

A2 Curriculum – Syllabus of I and II semester courses for UG

1 year (I & II semester)

1. Suggested to include concepts of Heat Transfer instead of fiber optics in Applied Physics
 - Included the concepts of Heat Transfer instead of fiber optics in Applied Physics
2. Suggested to include concepts of Data Structures in Programming for problem solving.
 - Included the concepts of Data Structures in Programming for Problem Solving
3. Suggested for 50% hands-on and 50% in the computer lab for Engineering Graphics Practice.
 - Computer Aided Engineering Graphics will be done using systems and as the course is designed for system based hands on there will be no hands on practice on drawing sheets.



4. Suggested to include few trades of mechanical & electrical workshop and an Engineering exploration project can be incorporated in the Electronics workshop.
 - Engineering exploration project has been incorporated and few trades of mechanical & electrical workshop have not been added in the Electronics Workshop.
5. Suggested to include topics like materials, plastics and pollution related to chemical processes in Chemistry.
 - Included topics on materials, plastics and pollution related to chemical processes in Chemistry

2 Year (III & IV Semester)

1. Suggested to shift IoT Course and Lab to V Semester
 - As there is requirement of pre requisites for the core courses, only 2 core courses are included in III Sem and in order to accommodate more core courses in V Sem onwards IoT Course has been retained in III Semester and has not been shifted to V Sem
2. Suggested to shift Artificial Intelligence (AI) Course and Lab to V or IV Semester.
 - As there is requirement of pre requisites for the core courses, only 2 core courses are included in III Sem and in order to accommodate more core courses in V Sem onwards AI Course has been retained in III Semester and has not been shifted to V or VI Sem
3. Suggested to identify faculty of the department for delivering Design Thinking course.
 - Identified TWO faculty of the department for delivering Design Thinking course

3rd Year (V & VI Semester)

1. Even though electives are made into streams, suggestions were made that the student can be given opportunity to choose from any stream. Streams can be mentioned for suggesting the students to choose the electives and it cannot be made mandatory.
 - The student will be given opportunity to choose from any stream. Streams will be mentioned for suggesting the students to choose the electives and it will not be made mandatory.
2. Suggested that open elective courses can be done through MOOCs and if the students fail in the exam they have to do a summer course (same or any other course) and clear the reconducted exam.
 - Open elective courses can be done through MOOCs and if the students fail in the exam they have to do a summer course (same or any other course) and clear the reconducted exam
3. Suggested that Control Systems course can be shifted to IV semester.



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- As there are basic core courses in IV Sem, Control Systems course cannot be shifted to IV Sem and it has been retained in V Semester
- 4. Suggested that a committee can be constituted for assessment of the socially relevant project.
 - A committee will be constituted for assessment of the socially relevant project
- 5. Suggested that VLSI Design course can be included in program core
 - VLSI Design course is included in professional electives
- 6. Suggested that concepts of Computer Organization can be included in Microprocessors and Microcontrollers.
 - Concepts of Computer Organization have been included in Microprocessors and Microcontrollers
- 7. Suggested that Optical Communication course can be included in program core
 - Optical Communication course is included in professional elective
- 8. Suggested to include concepts of IPR in Professional Ethics and Human Values course
 - Concepts of IPR have been included in Professional Ethics and Human Values course
- 9. Suggested to complete all program core courses by the end of 3rd year.
 - All program core courses will be completed by the end of VII Semester (4-1 Sem)

4th Year (VII & VIII Semester)

1. Suggested that Cellular and Mobile Communication course can be included in program core.
 - Cellular and Mobile Communication course is included in professional elective
2. Suggested that Digital Television course title can be changed to Display Systems and along with television, other displays like LCDs, LEDs, Electroluminescent Displays, and Plasma Displays. etc., can be included.
 - Digital Television course title has been changed to Display Systems and along with television, other displays like LCDs, LEDs, Electroluminescent Displays, and Plasma Displays etc., have been included
3. Suggested to offer any one course Radar Systems or Satellite Communications instead of combined course i.e. Radar & Satellite Systems.
 - Radar & Satellite Systems will be offered as combined course instead of separate Radar Systems and Satellite Communications courses



A2 Curriculum and Syllabus of I and II semester courses for PG (M.Tech-VLSI)

1 year (I & II semester)

1. Suggested to include a mathematics course.
 - Included a Mathematics course in professional electives
2. Suggested to exclude Basic of VLSI course as it is being covered in B.Tech.
 - Excluded Basics of VLSI course as it is being covered in B.Tech
3. Suggested to include Physical Design Automation course in program core.
 - Physical Design Automation course is included in professional electives
4. Suggested that Testing and Testability course can be included in program electives.
 - Testing and Testability course has been included in professional electives

2 Year (III & IV semester)

1. Suggested to include Fabrication Technologies can be included in professional electives.
 - Fabrication Technologies has not been included in professional electives as there are more courses under professional electives.
2. Suggested that the thesis leading to standard (SCI etc.) journal publications can be given good grade.
 - The thesis leading to standard (SCI etc.) journal publications will be given good grade
3. Suggested that program electives can be changed timely by constituting an internal committee.
 - Professional electives will be changed timely by constituting an internal committee

Suggestions and action taken report on 6th BOS Meeting held on 29-08-2020

A2 Course Structure for UG

1. Suggested to shift Microwave Engineering course to VI Sem in place of Digital Signal Processing and shift DSP to VII Sem.
 - Microwave Engineering course has been retained in VII Sem as DSP is prerequisite for the courses like Digital Image Processing in VII Sem
2. Suggested for introduction of Cellular and Mobile Communications in place of VLSI, a course can be designed by combining all communication concepts and kept in place of Microcontrollers and Applications in open electives courses offered to other Depts.
 - Principles of Mobile Communications has been included in place of VLSI, Modern Communication Systems has been included by combining all



communication concepts in place of Microcontrollers and Applications in Open electives courses offered to other Depts

3. All the courses under Basic Sciences, English and Humanities, Professional Core, Professional Electives, Open Electives and Audit courses have been approved under the A2 curriculum and recommended.

Suggestions on A2 Curriculum – Syllabus of III and IV semester courses for UG

III semester

4. Suggested to add “Electronic Devices and Circuits” J Millman, C C Halkias and Satyabrata Jit, Tata Mc-Grawhill, Second Edition, 2007 in text books and conduct calculation of load regulation in Zener diode experiment in EDC integrated course.
 - Included “Electronic Devices and Circuits” J Millman, C C Halkias and Satyabrata Jit, Tata Mc-Grawhill, Second Edition, 2007 in text books and calculation of load regulation in Zener diode experiment is included in EDC integrated course
5. Suggested to have concepts of Laplace Transforms in Network Theory course.
 - Concepts of Laplace Transforms were not included in Network Theory course, as those concepts were already dealt in Mathematics-I course.
6. Suggested to include “Digital Fundamentals” Thomas L Floyd 11th edition, Pearson 2017 book in references of STLD course.
 - Included “Digital Fundamentals” Thomas L Floyd 11th edition, Pearson 2017 book in references of STLD course
7. Suggested to modify 4th and 5th units of AI Tools, Techniques and Applications course with machine learning, electronics and filters concepts.
 - Machine learning, electronics and filters concepts were not included in AI Tools, Techniques and Applications course as Machine learning course is there in VI Semester
8. Suggested to include latest cloud topics like Azure and Amazon AWS instead of WAMP, Autobahn and Xively Cloud in unit 5 and also explain the concepts with case studies in IOT course.
 - Included latest cloud topics like Azure and Amazon AWS instead of WAMP, Autobahn and Xively Cloud in unit 5 and also the concepts will be explained using case studies in IOT course

IV semester

9. Suggested to include concepts of Non LTI in Signals and Systems course
 - Included the concepts of Non LTI in Signals and Systems course
10. Suggested to reorganize the syllabus of Analog Communications course and also to include Modern Analog and Digital Communications, B P Lathi book in the text books.



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- The syllabus of Analog Communications course has been re-organized and Modern Analog and Digital Communications, B P Lathi book has been retained in reference books
- 11. Suggested to include case studies in 5th unit of Design Thinking and Product Innovation course.
 - Included case studies in 5th unit of Design Thinking and Product Innovation course
- 12. Suggested to include plagiarism check topics in Communication in English for Deployability.
 - Plagiarism check topics in Communication in English for Deployability have not been included as the BOS meeting of English has already been conducted in 2019 and the syllabus has been freezed for all departments
- 13. Suggested to reorganize the Analog Circuits course and include introduction to double tuning concept.
 - Analog Circuits course has been re-organized and also included double tuning concept

A2 Curriculum for PG (M.Tech-VLSI)

14.

15. All the courses under Professional Core, Professional Electives, Open Electives and Audit courses have been approved under the A2 curriculum and recommended.

A2 Curriculum – Syllabus of III and IV semester courses for PG (M.Tech-VLSI)

III Semester

1. Suggested to explore possibility of including lab on Scripting Languages.
 - Lab on Scripting Languages has not been included as there is no scope to include.
2. Suggested to include NS2 and NS3, Network issues concepts in Communication Network course.
 - Included the concepts of NS2 Network issues concepts in Communication Network course.

Action Taken Report for Feedback on A2 Regulation

As the A2 regulation is still at 1 year level (Started in 2019-20 academic year), obtaining current batch students could not be possible as it needs to be taken before completion of VI Semester)

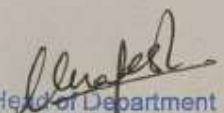
Action Taken Report on A2 Regulation UG Program (CSE/IT)

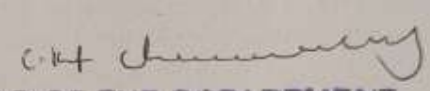
Stakeholder	Recommendation/Suggestion	Action Taken
Expert from Reputed Institute	Can some electives be done through MOOCs in A2 regulation? If so, should plan how to conduct them.	AICTE suggests in its model curriculum that 20% of the electives (6 Core + 4 Open) can be administered through MOOCs. That would mean 2 electives. Therefore the proposal is to have two Open Electives in VIII Semester that students should do through MOOCs with MOOCs platforms being only the proctored exam oriented MOOC platforms and courses approved by the Board of Studies.
Expert from Reputed Institute	Python programming could be considered for introducing in the first year itself.	Some of the companies in the software industry today look for Systems Programming skills in students. Given that some of our students are also into Systems development when they pass out, we feel C is a requirement. Also to impart a skill set of one Structured Programming language, one Scripting language (primarily) and one Object oriented Programming language, we have retained C programming in the first semester in addition to Python and Java Programming. However, realising the importance of Python programming in the industry today, we have advanced it to the third semester instead of the later semesters.
Expert from Reputed Institute	Design and analysis of Algorithms can remain as core course, as student should also have knowledge of algorithm design, not just analysing complexity.	Although it is there in existing A1 curriculum as a separate course, in view of 160 credits proposed by both the AICTE and the APSCHE, we proposed to include the concepts of DAA as part of Data Structures where complexity of algorithms can also be analyzed as well as the design principles applied. However, we have flexibility to include five courses in Honors (three of which are self-study/MOOC based and other two are MOOC-based) for the additional 5 x4=20 credits.
Expert from Reputed Institute	How audit courses are proposed to be conducted? Should plan on, what if a student doesn't put up attendance or assessment requirements	Either by leveraging internal faculty expertise, bringing in external experts or by MOOCs for specified number of hours with continuous assessment. If a student is unable to put up attendance

		or minimum assessment requirements, he would repeat the course.
University Nominee	In elective choice, there could be a possibility that all students choose the same thread, so there could be some cap on number of candidates for course enrolment and next thread could be offered.	While gathering student options for electives, first second and third choices are considered for grouping. Also, faculty trained and qualified to handle elective threads for maximum load are available even in case such a scenario arises.
University Nominee	Constitution of India could be offered as a mandatory course as indicated by AICTE. Instead of an audit course	Audit course by our Institution policy has attendance requirements and continuous evaluation, as per recommendations of the academic counsel, so the rules remain the same as for a mandatory course.
University Nominee	Do you intend to follow AICTE curriculum as is in A2 regulation if University approves or are you making some changes?	The overall credit structure confirms with AICTE proposed credits which is 160 in number, with slight increase in Professional Core Course credits balanced by slight reduction in Engineering Science Course credits and Project credits (proposed Socially relevant project in sem V, mini Project in sem VI and major project two phases in sem VII & VIII). Other than this, the changes are miniscule. We are designing each course with 5 units with the final assessment ensuring students has to write one question from each unit with internal choice.
Expert from Reputed Institute	How do integrated courses (Theory and Lab Component) Work in proposed A2 curriculum?	Almost all integrated Courses are with L:T:P of 3:1:3 or 3:0:3, with 3 credits for Lecture hours 0 credits for Tutorial and 0.5 credits for practicals. We plan to do assessment for 150 marks with 100 Marks (40 for continuous/periodic and 60 for Final Assessment) for theory and 50 marks for practicals (20 for Continuous/periodic and 30 for final assessment). The idea is that to do a weighted average with theory being given a weight of 3 credits and practical given weight of 2 credits to come up with overall score and then assign grade points accordingly.
University Nominee	Is there a minimum pass mark for Continuous Assessment & Final Assessment separately, can a student appear for external exam directly without a minimum pass mark in continuous assessment	We do not have a minimum pass mark for Continuous Assessment, but a student can only take external exam if he satisfies attendance requirement of 75 %, 40% being the minimum pass mark for final assessment. Having said that, if a student does not get basic marks in continuous assessment, he/she will struggle to pass. To overcome this problem, we are contemplating implementing a full course repeat in case of student lacking minimum

		attendance and minimum continuous assessment marks in a course in summer for a maximum of two courses. This way, students gets a chance to improving his continuous assessment marks. Of course the repeat course will be implemented at a cost for the student.
Alumni	It is better to include active learning strategies in laboratory learning	We have been giving additional programs/experiments in addition to those prescribed in syllabus to students and have introduced Project based learning since last two batches. For A2 regulation, we plan to divide the experiments into three levels – Mandatory, Suggested and Application level. Every student will have to follow 1:2:1 which is one mandatory, atleast two suggested experiments in a lab and in addition execute a case study, which is a team based activity once in every three week's time, covering concepts covered.
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University Nominee	AI tools syllabus: It looks too ambitious and maybe too much to digest for other department students	As the syllabus was adopted from APSCHE, we thought of retaining atleast 50% of the syllabus of APSCHE suggested, however, the Subject expert team shall review and adjust as per the BoS members' suggestions and limit the advanced concepts.
University Nominee	Cyber Forensics subjects may be included & organize a	As in curriculum structure we have an Elective course with title "Digital

	Cyber Forensics workshop or a short term course if possible for the Police department.	Forensics and Investigations", we shall include all the essence of Cyber forensics topics in the course. The departments of CSE & IT shall plan for workshop as suggested by one of the expert member
Alumni	In the last Unit of PWP subject instead of GUI, we may think of Machine learning, web development using python.	As the number of lecture hours/periods are very limited viz., 2 Theory and 3 Laboratory hours along with 1 Tutorial hour, we could not accommodate too many concepts. However, the PWP curriculum design faculty experts are planning to accommodate basics of GUI which shall help them learn by their own for project completion.
Alumni	Additional C++/Java libraries may be introduced in OOPs subject.	As the total number of instructional hours is 3/week which comes to a total of about 45 hours, we are trying to give a basic level understanding of the topics suggested.


 Head of Department
 Department of Information Technology
 MVGR College of Engineering (A)
 Vizianagaram - 535005

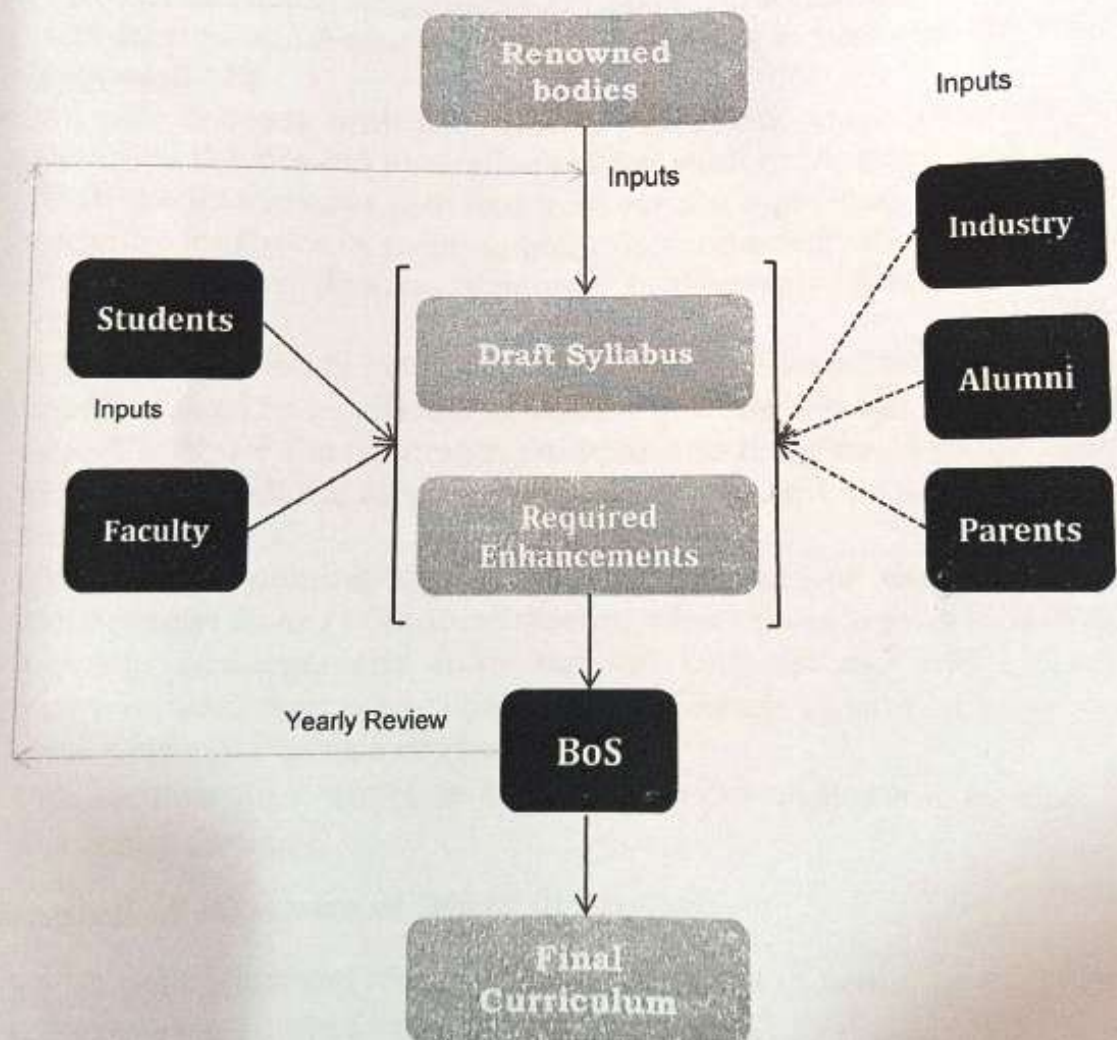

 HEAD OF THE DEPARTMENT
 Computer Science & Engineering
 Maharaj Vijayaram Gajapathi R.;
 College of Engineering
 Vizianagaram-535005

Policy Document for Stakeholders Feedback on Curriculum

Stakeholders of the program

The Stake Holders in the program are essentially those who might or ought to have a say in how the program objectives are set and check if the curriculum structure meets the current industry requirements and whether the students can acquire employability skills industry ready or not. The primary stakeholders of the program include:

- Students
- Parents
- Faculty
- Alumni
- Information Technology Industry
- Renowned bodies (Affiliating University, AICTE, Reputed Institutes)



Stake-Holder inputs & process for obtaining the Feedback

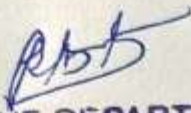
- A survey is done on the curriculum of well-recognized international programs at the graduate level.
- Take into account the Parent's input as defined in **Appendix-A**. Parent's inputs on what their expectations are from the undergraduate program have to be taken as below:
 - A meeting with select parents (4-8 parents) with the department academic council must be conducted.
 - The draft version of the department's curriculum has to be shared with the parents & ask them to enlist what their expectations were of the B. Tech Program.
 - A meeting with set of expectations is analyzed, and the feasible adjustments may be made to the curriculum.
- Academic experts, Industry experts & Alumni, shall be included as members in the Department's Board of Studies.
- Current students' suggestions are taken through the class-in-charges and an informal discussion by the Chairman of BoS with the students (**Appendix-B**).
- An exit feedback with the current passed-out batch students is also taken on the desired aspirations of the student. (**Appendix-C**)
- With the information gathered from various stakeholders viz., survey & parent's feedback, a meeting shall be conducted among all Domain / Subject experts (faculty members) to develop a draft version of the curriculum.
- The draft version is circulated to all program department's staff, and a meeting shall be conducted to take inputs. The class in-charges are also asked to share the draft with students and bring any inputs. Based on the inputs of all the faculty members and students, a final draft version is prepared.
- The version coming out above was put up for discussion in the Department Board of Studies meeting where participants from Industry experts, Academicians from reputed Universities, and alumni are included and members. The draft curriculum is ratified after making minor changes in this committee.
- The version from above is then put up for ratification by the college Academic Council.

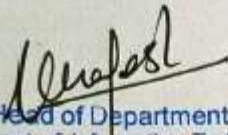
Constitution of Members of Board of Studies:

- 2-3 Expert Members from Reputed Institutes in India
- 1-2 Expert Members from Industries
- 1-2 Expert Members from Alumni
- 1 Expert Member nominated by the VC of Affiliating University.
- All Subject Expert faculty members of the department

Frequency of obtaining Feedback:

- Students : Yearly Once (Every batch at the end of VI Semester)
- Parents : Yearly Once (Selective parents of every batch who are at the end of VI Semester)
- Faculty : Yearly Once
- Alumni : Yearly Once
- I T Industry : Once during BoS Meeting


HEAD OF THE DEPARTMENT
Computer Science & Engineering
Maharaj Vijayaram Gajapathi Raj
College of Engineering
Vizianagaram-535005


Head of Department
Department of Information Technology
MVGR College of Engineering (A)
Vizianagaram - 535005

Appendix – A

Parent Input

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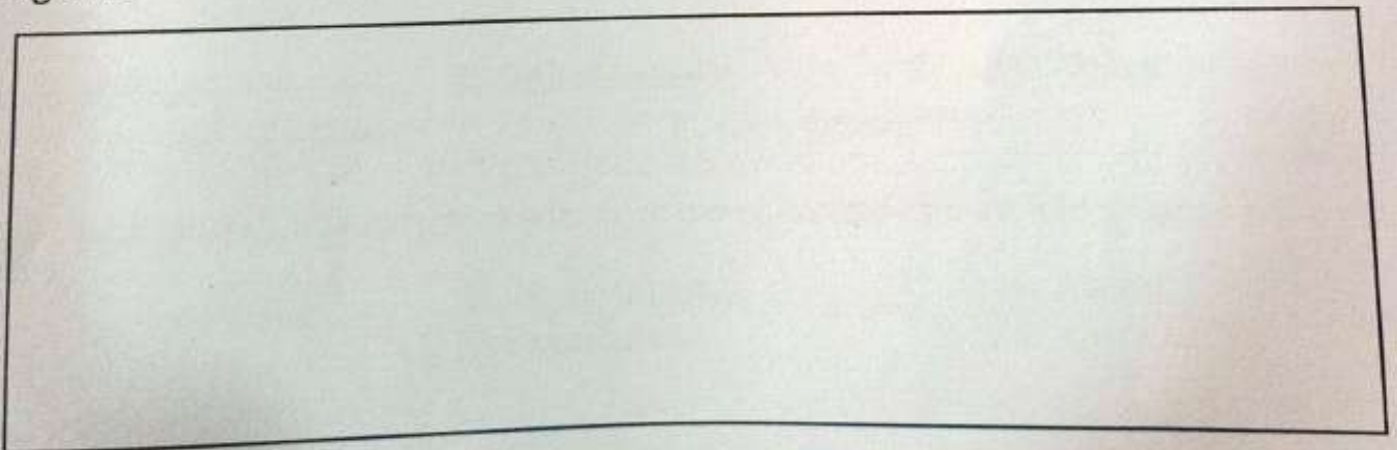
Dear esteemed Parent,

We are in the process of collecting inputs from parents about what your expectations are from the B. Tech (IT) program before we sit and formulate the Objectives of the program formally so we can tailor the delivery process to suit those objectives and better meet the aspirations of our esteemed stakeholders of which parents are one of the most prominent groups. We recently conducted a meeting in the department with a few parent representatives and came up with some common expectations from the B. Tech (IT) Program. We request you to spend a few minutes of your time identifying some of the core things you expect from the program. Please put a tick mark against the item/aspect you think is among your expectations among the listing arrived at the meeting with Parent's representatives.

I want my Child/Ward to become:

1. Skilled IT professional as per the industry expectation of professional skill required at the B. Tech Program.
2. Readily employable as an engineer in some software firm/firm that builds/vends software.
3. A thorough-bred professional oozes confidence, poise, and communication ability necessary to sustain fruitful employability & grow in his/her career.
4. Capable enough of getting admission into higher education institutes of national and international repute to pursue higher learning.
5. A life-longer learner who is adaptable enough to develop skills and acquire knowledge continually much after formal education is over to keep pace with the changing world.
6. Equipped to manage the challenges career and life throw at them over a long period.

Please feel free to write any other expectations you might have from the B. Tech (IT) program.



Signature of Parent

Appendix – B

Student feedback questionnaire

Academic Year:

Class:

Registered#:

Course:

Q1. Do you have the ability to write a formal algorithmic solution for the given problem & explain the features of Programming Language (C, C++, or any o) like types including scalar & vector types, operators, expressions, expression evaluation, operator precedence, sequential, conditional & iterative constructs? []

A. B. Substantially C. Just About

D. Not confident E. Categorical No

Q2. Did you gain the ability to adopt any programming technology? []

A. B. Substantially C. Just About

D. Not confident E. Categorical No

Q3. Do you feel that the curriculum covers all advanced technologies required for industry placements? []

A. B. Substantially C. Just About

D. Not confident E. Categorical No

Q4. Are you satisfied with the expectation like, curriculum structure meeting Employability skills and Learning Experience?
[]

A. Absolutely B. Substantially C. Just About
D. Not confident E. Categorical No

Q5. Did you feel that any of the courses' content is heavy for the specified 48 hrs/54 hours? []

A. Absolutely B. Substantially C. Just About
D. Not confident E. Categorical No

Q6. How satisfied are you with your overall curriculum structure? []

A. Absolutely B. Substantially C. Just About
D. Not confident E. Categorical No

Appendix - C

DEPARTMENT OF INFORMATION TECHNOLOGY MVGR COLLEGE OF ENGINEERING

FINAL YEAR STUDENTS - EXIT FEEDBACK ON PO & PSO

CAY :	BATCH:	Date :
PROGRAM	B. Tech. Information Technology	
Optional	Name:	Regd. No:

The department has the following stated objectives for Curriculum Design:

- I. Knowledge of mathematics, science, computing, and engineering fundamentals shall be imparted to the students, followed by the study program's breadth and in-depth studies. Further, students are equipped with laboratory and project-based experiences and proficiency in modern computational tools.
- II. Our graduates will be employed in the computing profession and will be engaged in learning, understanding, and applying new ideas and technologies as the field evolves.
- III. Necessary infrastructure and Academic support shall be provided to ensure that Graduates succeed in pursuing advanced degrees in engineering or other fields and have skills for continued independent, lifelong learning to become experts in their profession and broaden their professional knowledge.
- IV. A framework to promote the ability to organize and present information, to write and speak effective English, to work effectively on team-based engineering projects, and practice ethics inculcating a sense of social responsibility shall be setup

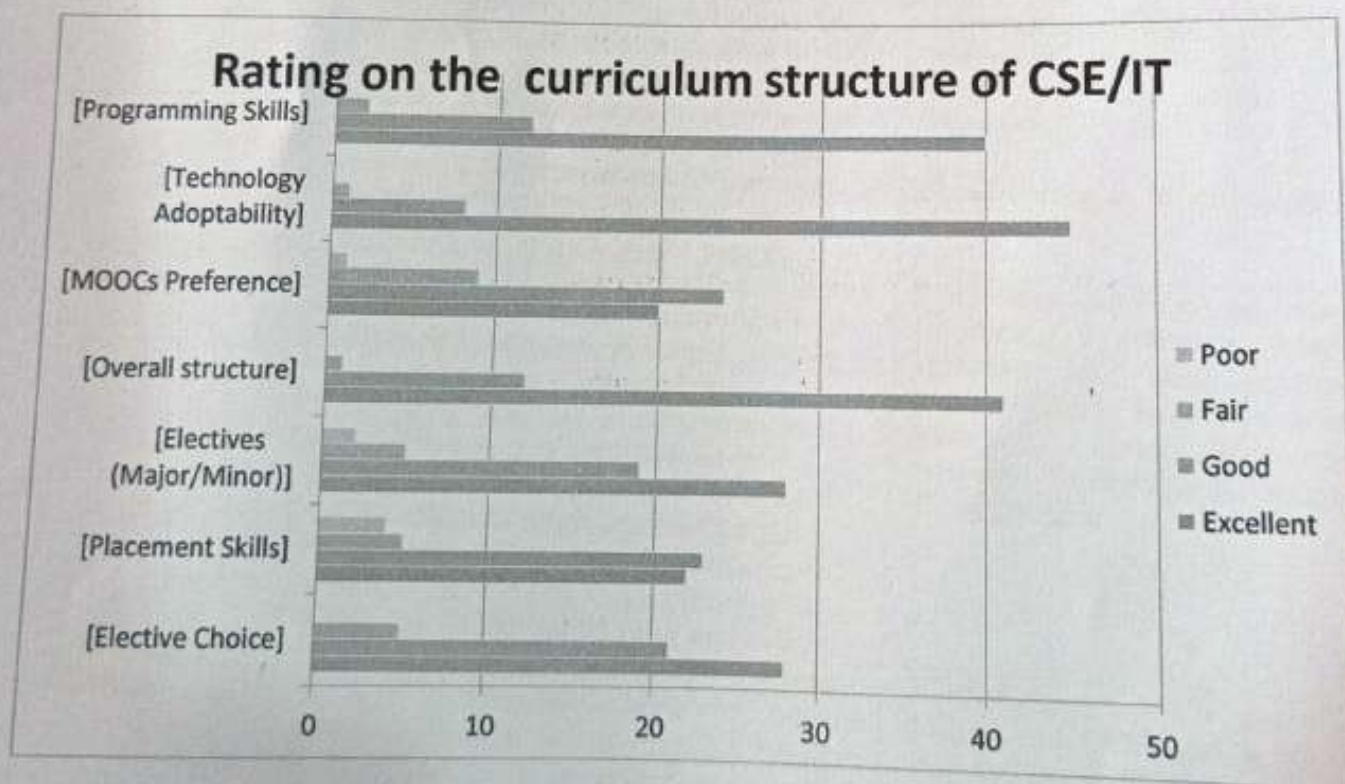
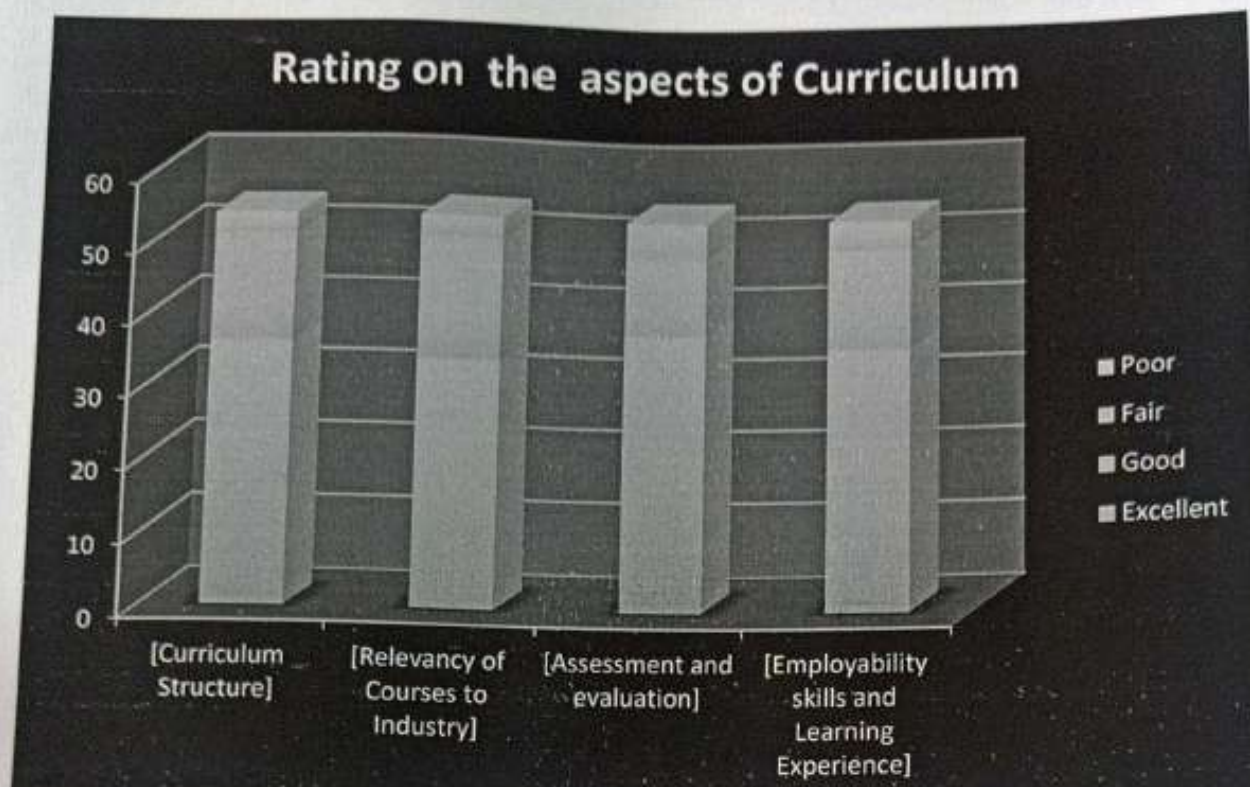
Obj	Description	Score
a	an ability to apply knowledge of mathematics, science, and engineering	
b	an ability to design and conduct experiments, as well as to analyze and interpret data	
c	an ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability	
d	an ability to function on multidisciplinary teams	
e	an ability to identify, formulate, and solve engineering problems	
f	an understanding of professional and ethical responsibility	
g	an ability to communicate effectively	
h	the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context	
i	a recognition of the need for and an ability to engage in life-long learning	
j	a knowledge of contemporary issues	
k	An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.	
l	Selected Computer Science majors will apply their course learnings to research, leading either to graduate or continuing research in an industrial setting.	
Total		

RATING CRITERIA:

Excellent(E)	Good(G)	Average(A)	Poor(P)	No Comment(NC)
5	4	3	2	1

Please feel free to write any other expectations you might have from the B. Tech (IT) program.

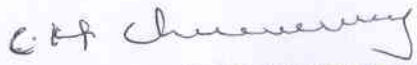
Sample Reports:



Action Taken Report for Feedback on A2 Regulation

Action Taken Report on A2 Regulation PG Program M.Tech (CNIS)

Stakeholder	Recommendation/Suggestion	Action Taken
Expert from Reputed Institute	We have adopted AICTE recommended course structure for this program. The BoS members did not mention any suggestions/comments.	NA
Industry Expert	Suggested to conduct Certification courses like CCNA and CEH for CNIS students.	CCNA and CEH related courses are introduced and certifications are encouraged.
University Nominee	No Comments	NA
Alumni	No Comments	NA


HEAD OF THE DEPARTMENT
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Vizianagaram-535 007

Action Taken Report for Feedback on A2 Regulation

S.No	Recommendations	Action Taken
Students	Need to introduce Industry internships.	Industrial internships are introduced in 4 th semester of A2 curriculum
Parents	Need to introduce skill development courses.	Skill development courses are introduced in A2 curriculum.
Teachers	Keep the full references in “Biology for Engineers” with the details of year and edition.	<p>Included</p> <p>Text books:</p> <ol style="list-style-type: none"> 1. Biology for Engineers by Wiley (ISBN: 9781121439931), 1st edition TMH, New Delhi (2019) 2. Suraishkumar G K, Biology for Engineers, Oxford University Press, New Delhi (2019) <p>References:</p> <ol style="list-style-type: none"> 1. Campbell, NA and Reece JB, Biology, International edition, 7th edition or later, Benjamin Cummings, New York (2007 or later) 2. Karp, G, Cell and Molecular Biology: Concepts and Experiments, 7th edition, Wiley, New York (2013)
	Include the special cases of Distillation, Extraction etc; in combination of “Unit Operations and Unit Processes “, in the syllabus of Chemical Technology Subject.	included
	Since most of the industrial flow problems are compressible flow, more weightage need to be given for “Compressible Systems” in the syllabus of Fluid Mechanics for Chemical Engineers subject.	considered
	Include the latest Heat Exchangers (Spiral, Plate etc.) in the syllabus of Process Heat Transfer subject and also compare them with the conventional Heat Exchangers	Included
	<p>Include the “Excel sheet for calculations” in the syllabus of Chemical Process Calculations subject. Also add the following additional reference</p> <p>Chemical engineering calculations mass and energy balance Ernest J. Henley, Herman Bieber, McGraw-Hill</p>	Included. Added

	Interamericana, 1959	
	Add M.Tech course to add to the research activity in the department	M.Tech programme was initially introduced. However, it had to be discontinued due to good number of placements at B.Tech level.
	Continuous interaction of faculty with industry will be beneficial	Faculty of the department undergo internships in various industries which helps in improving the institute- industry interaction
	In the subjects of Mechanical operations and biology for engineers, complete details of publication may be given, like year of publication, publisher name, place etc.	Included REFERENCES: <ol style="list-style-type: none"> 1. Unit Operations-Brown (CBS Publishers & Distribution), 1st ed, 2005. 2. Mechanical Operations for Chemical Engineers-C.M. Narayanan, B.C. Bhattacharyya (Khanna Publishers), 3rd ed, 2005. 3. Chemical Engineering Volume.2, 5th ed, Elsevier science by J.H. Coulson & J.F. Richardson's, 2002.
Alumni	Hands on Experience on Simulation is required.	Add on course related to simulation is planned

Action Taken Report for Feedback on A2 Regulation

As the A2 regulation is still at 1 year level (Started in 2019-20 academic year), obtaining current batch students could not be possible as it needs to be taken before completion of VI Semester)

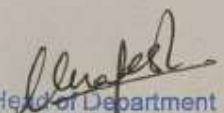
Action Taken Report on A2 Regulation UG Program (CSE/IT)

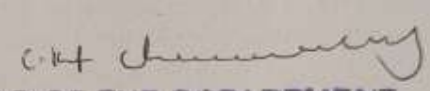
Stakeholder	Recommendation/Suggestion	Action Taken
Expert from Reputed Institute	Can some electives be done through MOOCs in A2 regulation? If so, should plan how to conduct them.	AICTE suggests in its model curriculum that 20% of the electives (6 Core + 4 Open) can be administered through MOOCs. That would mean 2 electives. Therefore the proposal is to have two Open Electives in VIII Semester that students should do through MOOCs with MOOCs platforms being only the proctored exam oriented MOOC platforms and courses approved by the Board of Studies.
Expert from Reputed Institute	Python programming could be considered for introducing in the first year itself.	Some of the companies in the software industry today look for Systems Programming skills in students. Given that some of our students are also into Systems development when they pass out, we feel C is a requirement. Also to impart a skill set of one Structured Programming language, one Scripting language (primarily) and one Object oriented Programming language, we have retained C programming in the first semester in addition to Python and Java Programming. However, realising the importance of Python programming in the industry today, we have advanced it to the third semester instead of the later semesters.
Expert from Reputed Institute	Design and analysis of Algorithms can remain as core course, as student should also have knowledge of algorithm design, not just analysing complexity.	Although it is there in existing A1 curriculum as a separate course, in view of 160 credits proposed by both the AICTE and the APSCHE, we proposed to include the concepts of DAA as part of Data Structures where complexity of algorithms can also be analyzed as well as the design principles applied. However, we have flexibility to include five courses in Honors (three of which are self-study/MOOC based and other two are MOOC-based) for the additional 5 x4=20 credits.
Expert from Reputed Institute	How audit courses are proposed to be conducted? Should plan on, what if a student doesn't put up attendance or assessment requirements	Either by leveraging internal faculty expertise, bringing in external experts or by MOOCs for specified number of hours with continuous assessment. If a student is unable to put up attendance

		or minimum assessment requirements, he would repeat the course.
University Nominee	In elective choice, there could be a possibility that all students choose the same thread, so there could be some cap on number of candidates for course enrolment and next thread could be offered.	While gathering student options for electives, first second and third choices are considered for grouping. Also, faculty trained and qualified to handle elective threads for maximum load are available even in case such a scenario arises.
University Nominee	Constitution of India could be offered as a mandatory course as indicated by AICTE. Instead of an audit course	Audit course by our Institution policy has attendance requirements and continuous evaluation, as per recommendations of the academic counsel, so the rules remain the same as for a mandatory course.
University Nominee	Do you intend to follow AICTE curriculum as is in A2 regulation if University approves or are you making some changes?	The overall credit structure confirms with AICTE proposed credits which is 160 in number, with slight increase in Professional Core Course credits balanced by slight reduction in Engineering Science Course credits and Project credits (proposed Socially relevant project in sem V, mini Project in sem VI and major project two phases in sem VII & VIII). Other than this, the changes are miniscule. We are designing each course with 5 units with the final assessment ensuring students has to write one question from each unit with internal choice.
Expert from Reputed Institute	How do integrated courses (Theory and Lab Component) Work in proposed A2 curriculum?	Almost all integrated Courses are with L:T:P of 3:1:3 or 3:0:3, with 3 credits for Lecture hours 0 credits for Tutorial and 0.5 credits for practicals. We plan to do assessment for 150 marks with 100 Marks (40 for continuous/periodic and 60 for Final Assessment) for theory and 50 marks for practicals (20 for Continuous/periodic and 30 for final assessment). The idea is that to do a weighted average with theory being given a weight of 3 credits and practical given weight of 2 credits to come up with overall score and then assign grade points accordingly.
University Nominee	Is there a minimum pass mark for Continuous Assessment & Final Assessment separately, can a student appear for external exam directly without a minimum pass mark in continuous assessment	We do not have a minimum pass mark for Continuous Assessment, but a student can only take external exam if he satisfies attendance requirement of 75 %, 40% being the minimum pass mark for final assessment. Having said that, if a student does not get basic marks in continuous assessment, he/she will struggle to pass. To overcome this problem, we are contemplating implementing a full course repeat in case of student lacking minimum

		attendance and minimum continuous assessment marks in a course in summer for a maximum of two courses. This way, students gets a chance to improving his continuous assessment marks. Of course the repeat course will be implemented at a cost for the student.
Alumni	It is better to include active learning strategies in laboratory learning	We have been giving additional programs/experiments in addition to those prescribed in syllabus to students and have introduced Project based learning since last two batches. For A2 regulation, we plan to divide the experiments into three levels – Mandatory, Suggested and Application level. Every student will have to follow 1:2:1 which is one mandatory, atleast two suggested experiments in a lab and in addition execute a case study, which is a team based activity once in every three week's time, covering concepts covered.
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	Cyber Forensics workshop or a short term course if possible for the Police department.	Forensics and Investigations", we shall include all the essence of Cyber forensics topics in the course. The departments of CSE & IT shall plan for workshop as suggested by one of the expert member
Alumni	In the last Unit of PWP subject instead of GUI, we may think of Machine learning, web development using python.	As the number of lecture hours/periods are very limited viz., 2 Theory and 3 Laboratory hours along with 1 Tutorial hour, we could not accommodate too many concepts. However, the PWP curriculum design faculty experts are planning to accommodate basics of GUI which shall help them learn by their own for project completion.
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 Vizianagaram-535005

Action Taken Report on A2

BOARD OF STUDIES
DEPARTMENT OF MANAGEMENT STUDIES
MVGR COLLEGE OF ENGINEERING (A)

MEETING MINUTES

Meeting Date: 08/07/2019

Meeting Location: Conference room

Draft: 08/07/2019

Recorded By: R.Baskar

1 ATTENDANCE

Name	Title	Organization	Present
Dr.K.S.S.Rama Raju	Chairman	HOD-MBA Dept.	YES
Prof. R.Ravi Kumar	Member	IIM-Bangalore	YES
Prof. M. Ravinder Reddy	Member	NIT-Warangal	YES
Prof. P.Viswanadham	Member	Andhra University (JNTU nominee)	YES
Mr. G.Sambasiva Rao	Member	President – AP Chambers, Chairman - Sravan Shipping Services Ltd	YES
Mr. Y.Sankar(Alumni)	Member	Deloitte, Hyderabad	NO
All members of faculty from Department of Management Studies	Member	MVGR College of Engineering(A)	YES

2 MEETING LOCATION

Building: MVGR College of Engineering (A)

Conference Room:

Web Address: www.mvgrce.edu.in

3 MEETING START

Meeting Schedule Start: 11:00 AM

Meeting Actual Start: 11:30 AM

Meeting Scribe: R.Baskar, MBA Faculty

4 CALL TO ORDER:

The meeting was called to order by Chairman Dr. K.S.S.Rama Raju, by welcoming the members for the meeting. Then the Chairman of BOS presented a PPT, which introduced the members to MANSAS, MVGR College of Engineering, MBA Department and a detailed presentation on the course structure and syllabus for the MBA Course in the new regulations as per AICTE Model Curriculum. He further continued the discussion with presenting the Agenda for the discussion and invited the member's opinion and suggestions.

5 AGENDA

- **PART I: To discuss and finalize the course structure of MBA Program to be implemented from the Academic Year 2019-20**

The course structure of the MBA program as presented in the BoS based on the AICTE recommendation was discussed and accepted by the members of BoS.

Thus it is resolved to follow the prescribed course structure with 102 credits from the Academic Year 2019-20.

- **PART II: To discuss and finalize the syllabus content for Semester-I and Semester-II Courses (Academic Year 2019-20)**

Suggestions:

- Prof. R.Ravikumar and Mr.G.Sambasiva Rao suggested that the title of course 'Indian Ethos and Business Ethics' be changed to 'Indian Ethos and Corporate Governance'
- It was suggested by Prof.P.Viswanadham and Prof.M.Ravinder Reddy that title of the course 'Managerial Economics' may be changed to 'Business Economics' so that Macroeconomic concepts can be included in the syllabus.
- Prof. R.Ravikumar opined that the concept on Interpersonal behaviour may be added in the syllabus for the course 'Management Theory and Organizational Behaviour'.
- For the course on 'Indian Economy and Business Environment', Prof M.Ravinder Reddy suggested to change the sequencing of the course content and to explicitly mention the types of business environment.
- Prof.P.Viswanadham suggested changing the title sequence for the course 'Financial Reporting, statement and Analysis' to 'Financial Statements, Analysis and Reporting' and to include Indian Reporting practices as part of last unit.
- Prof.M.Ravinder Reddy suggested changing the title of the course 'Business Statistics and Analytics' to 'Business Research Methods'.
- For the course on Entrepreneurship and MSME, the BoS expert members expressed their interest to change the title to 'Entrepreneurship' and add the Policies and practices of Entrepreneurship as part of last unit. Prof.P.Viswanadham also opined that problems of women entrepreneurship and small entrepreneurs may be included in the syllabus.

- It is expressed by Prof.M.Viswanadham that the topic of Marketing Mix to be introduced in Unit-I and Marketing Research to be introduced in unit II of the course on 'Marketing Management'.
- The course title of 'Corporate Finance' is suggested to change to 'Financial Management' by the expert members.
- For the course 'Human Resource Management', Prof.R.Ravikumar suggested sequencing of all units and to add Work life balance, gender sensitivity and work place harassment as part of the course.
- The title of the course 'Corporate Strategy' was suggested to change to 'Strategic Management' by the expert members.
- Prof.M.Ravinder Reddy opined that a Comprehensive Viva-Voce to be conducted at the end of second semester.

It is resolved to accept all the above suggestions given by the BoS expert members.

Apart from the above inputs, the expert members also gave some insights on the elective courses (Core and Open), which is noted down by the department for further discussion in the next BoS meeting.

Thus the meeting of Board of Studies was concluded by the Chairman, thanking all the BoS members for their valuable inputs in improving the curriculum.

6 MEETING END

Meeting Schedule End: 01:30 PM

Meeting Actual End: 02:00 PM

BOARD OF STUDIES
DEPARTMENT OF MANAGEMENT STUDIES
MVGR COLLEGE OF ENGINEERING (A)

MEETING MINUTES

Meeting Date: 11/07/2020

Meeting Location/Mode: MS-Teams (Online)

Recorded By: Mr.R.Baskar, Asst.Professor.

7 ATTENDANCE

Name	Title	Organization	Present
Dr. GVSSN Sanyasi Raju,	Chairman	HOD-MBA Dept.	YES
Prof. R.Ravi Kumar	Member	IIM-Bangalore	YES
Prof. M. Ravinder Reddy	Member	NIT-Warangal	YES
Prof. P.Viswanadham	Member	Andhra University (JNTU nominee)	YES
Mr. G.Sambasiva Rao	Member	President – AP Chambers, Chairman - Sravan Shipping Services Ltd	YES
Mr. Y.Sankar(Alumni)	Member	Deloitte, Hyderabad	YES
All members of faculty from Department of Management Studies	Member	MVGR College of Engineering(A)	YES

8 MEETING LOCATION

MS-Teams (Online)

9 MEETING START

Meeting Schedule Start: 10:30 AM

Meeting Actual Start: 11:00 AM

Meeting Scribe: R.Baskar, Asst.Professor.

10 CALL TO ORDER:

The meeting was called to order by Chairman Dr. GVSSN Sanyasi Raju, by welcoming the members for the meeting. He thanked the BoS external members for their continuous support for the development of the department. Then the Chairman of BoS presented a document, which introduced the members to MBA Department and he explained various activities which the department is conducting during this pandemic, COVID-19, to be connected to students, which was very much appreciated by the expert members. A detailed presentation on the course structure and syllabus for the MBA Course in the A2 regulations was presented. He further continued the discussion with presenting the Agenda for the discussion and invited the member's opinion and suggestions.

11 AGENDA

- **PART I: To discuss and finalize the syllabus content for Semester-III and Semester-IV (Academic Year 2020-21).**
 - **Core Electives (3 Specializations) – 27 courses**
 - **Open Electives – 9 Courses**

Suggestions:

CORE ELECTIVES

A2MBT411: FINANCIAL INSTITUTIONS – MARKETS AND SERVICES

Prof. R.Ravikumar suggested including topics relating to digital gold and sovereign bonds as part of the syllabus. Prof.P.Viswanadham opined that the concepts related to Financial Services are covered less in the syllabus and suggested to increase its content, considering the important role of financial service in the economy.

A2MBT412: FINANCIAL PLANNING AND WEALTH MANAGEMENT

Mr.G.Sambasiva Rao suggested including tax related concepts as part of the syllabus to give comprehensive picture to students.

A2MBT413: BANKING AND INSURANCE

Prof. R.Ravikumar suggested increase the coverage of health insurance and also suggested to change the title of Unit-V into Typology of Insurance. Also he suggested including third party insurance.

A2MBT416: INTERNATIONAL FINANCE

Prof. R.Ravikumar suggested adding concepts related to American market, European market, Shanghai Market, as part of the syllabus.

A2MBT402: B2B MARKETING

Prof.P.Viswanadham suggested changing the title of Unit V from ‘Communicating with the Market’ to ‘Market Communications’.

A2MBT405: BOP MARKETING

Prof.P.Viswanadham suggested introducing the expansion of BoP in the first unit for better understanding of the students.

A2MBT406: INTEGRATED MARKETING COMMUNICATIONS

Prof.P.Viswanadham suggested adding personal selling as part of unit V to give a complete understanding of all communication elements to the students.

A2MBT407: DIGITAL AND SOCIAL MEDIA MARKETING

Prof. R.Ravikumar suggested adding Aggregator Marketing as part of the syllabus, as this is the trend which is gaining popularity in the market. He also suggested adding Mobile Marketing and OTP Advertising being the latest trend in the market.

A2MBT419: TALENT ACQUISITION AND RETENTION MANAGEMENT

Prof. R.Ravikumar suggested discussing the relevance and irrelevance of TARM for different sectors. He also suggested adding the impact of Government on firms through Minimum Wages Act.

A2MBT421: HUMAN RESOURCE METRICS AND ANALYTICS

Prof. R.Ravikumar suggested including the application of HRM&A in different sectors.

A2MBT422: COMPENSATION AND PAYROLL MANAGEMENT

Prof. R.Ravikumar suggested including the models of compensation as part of the syllabus.

A2MBT424: MANAGING CHANGE

Prof. R.Ravikumar suggested changing the title to Change Management, which was also supported by Prof. M. Ravinder Reddy. He also suggested including the concept of Globally Distributed Workforce as part of the syllabus. Mr. Shankar opined that the role of Virtual Teams during pandemic can be added as part of the syllabus.

A2MBT427: LEARNING AND DEVELOPMENT

Prof. R.Ravikumar suggested adding the impact of L&D in performance of employees.

OPEN ELECTIVES

A2MBT501: INDIAN MODELS IN ENTREPRENEURSHIP

Prof. M. Ravinder Reddy suggested changing the title. Prof. R.Ravikumar expressed his view to change it to Entrepreneurship in India. He also suggested changing the Unit V title from Revolution to Evolution in Indian Startups.

All the suggestions are accepted and implemented.

12 MEETING END

Meeting Schedule End: 12:30 PM

Meeting Actual End: 01:00 PM

Governing Body

Meeting Number	Date	Pages
22 nd	22.02.2020	50
21 st	25.01.2019	46
20 th	20.05.2017	39
19 th	23.04.2016	66
18 th	04.07.2015	26

MAHARAJ VIJAYARAM GAPATHI RAJ COLLEGE OF ENGINEERING(AUTONOMOUS)

Vijayaram Nagar Campus, Chintalavalasa, Vizianagaram-535005, Andhra Pradesh

Accredited by NAAC with 'A' Grade & Listed u/s 2(f) & 12(B) of UGC

(Approved by AICTE, New Delhi and Permanently Affiliated by JNTUK-Kakinada)

NBA Accredited UG Courses: B.Tech(MEC), B.Tech(CIV), B.Tech(EEE), B.Tech(ECE), B.Tech(CSE), B.Tech(IT),
B.Tech(MEC) & B.Tech(CHE) and PG Course: MBA

Maharaj Vignanam GATEPeth RAT College of Engineering (A),
Vizianagaram, 22nd Governing Body Meeting held in the Institution
Premises on 22/02/2020 at 11 a.m. The following members
were attended the Meeting:-

Members Present:-

- (1) Sri P. Ashok GATEPeth RAT chairman - P. Ashok
chairman, HANSAS
Fort, Vizianagaram
- (2) Director & Regional Office AICTE Nominee -
AICTE, Hyderabad
- (3) Prof. K. Chandramauli State Govt. Nominee - K. Chandramauli
Professor of Physics
Andhra University, VSP.
- (4) Dr. P.D. Gupta UGC Nominee -
via chancellor
Homi Bhabha National Institute
2nd Floor BARC Training School complex,
Anushaktinagar, Mumbai - 400 094.
- (5) Dr. V. Ravindra JNTUK Nominee - V. Ravindra
Professor of Civil Engineering
JNTUK, Kakinada.

- (6) Prof. Anil Garg Nominee -
 chairman, Research & Publications
 chairman, Library committee
 IITM, Ahmedabad.
- (7) Dr. A. Lakshman Rao Nominee - *Approved*
 Former COO, Wipro
 132, W - A - cross
 Domlur - 2nd stage
 Bangalore
- (8) Dr. G. Venkata Ratnam Nominee -
 Institute chair Professor
 Dept. of Mechanical Engineering
 IIT, Madras.
- (9) Dr. Y.V.N. Krishna Murthy Nominee - *Industry*
 Senior Professor & Registrar
 Indian Institute of Space & Technology
 Bangalore.
- (10) Sri V. Rajanna Industry Nominee -
 Vice President & Regional Head
 Global Head - Technology Business Unit
 TCS Ltd., Hyderabad.
- (11) Mr. P. Aditi Gajbharat Patil Nominee - *Aditi*
 Member, MANSAB Trust Board
~~Trust~~, Virajwade.

(12) Sri P. L. P. RATH
near M.O.S. Bunkla
Gunturment, Vizianagaram.

Nominer

- All 22/2

(13) Dr. G. Krishnam RATH
Asst. Prof. of Mathematics
College of Engineering,
Andhra University, Visakhapatnam.

Nominer

gkr

(14) Dr. P. Ravindranath
Prof. of Mech. Engg. & DSN (SP)
MVGR College of Engineering (A), VZM.

Dean (SP)

- [Signature]

(15) Dr. Y. H. C. Saha
Vice Principal (Academic)
MVGR College of Engineering (A), VZM

Vice Principal (Academic) -

[Signature]

(16) Dr. K. V. L. RATH
Principal & Correspondent -
MVGR College of Engineering (A)
Vizianagaram.

Member-Secretary -

[Signature]

**Minutes of meeting of Governing Body:**

A Meeting of the Governing Body was held on 22.02.2020 at 11.00AM in Conference hall, Admin. Block.

Members on Governing Body:

S.No.	Name	Designation	Position
1	Sri P.Ashok Gajapathi Raju	Chairman, MANSAS, Fort, Vizianagaram	Chairman
2	P Aditi Gajapathi Raju	Member-Trust board, MANSAS	Member
3	Dr.K.V.L.Raju	Principal & Correspondent, MANSAS	Member Secretary
4	Sothorn Regional Officer	SRO-AICTE, Hyderabad	Ex-Officio
5	Prof. Chandra Mouli	Professor of Physics, Andhra University, Visakhapatnam	Member
6	Dr.P.D.Gupta Director & Distinguished Scientist, Raja Ramanna Centre for Advanced Technology	UGC Nominee, New Delhi	Member
7	Dr.V.Ravindra	Professor of Civil Engineering, JNTUK, Kakinada	Member
8	Prof.AmitGarg	Chairman, Research & Publications, IIM, Ahmedabad	Member
9	Dr.G.KrishnamRaju	Professor (Retd.), College of Engineering, AU	Member
10	Dr.A.LakshmanaRao	Board Member, TRAINZ Consultancy	Member
11	Dr.G.Venkatarathnam	Professor of MECH, IIT, Madras	Member
12	Dr.Y.V.N.Krishna Murthy	Former Scientist, ISRO and Registrar, Indian Institute of Space Technology Trivandrum	Member
13	Mr.V.Rajanna	Vice-President & Regional Head Global Head – technology Business Unit, TCS, Hyderabad	Member
14	Sri P.L.P.Raju	Ex-EC Member, Andhra University	Member
15	Dr.P.Ravindranath	DEAN (SP), MVGR	Member
16	Dr.Y.M.C.Sekhar	Vice-Principal(ACAD), MVGR	Member



Sri P. Ashok Gajapathi Raju, Chairman (GB) chaired the meeting and Dr K V L Raju, Member Secretary, Correspondent and Principal welcomed all the members to the Fifth Governing Body meeting of MVGR College of Engineering after conferment of Autonomous status.

The following agenda was taken up for discussion:

1. Compliance to last Governing Body Meeting
2. Courses offered, additional Courses/Intake/Closure
3. Laboratory Infrastructure
4. Building Infrastructure
5. Human Resources
6. Learning Resources
7. FDPs conducted/to be conducted/Attended
8. Research and Higher Learning, Achievements
9. Student Performances (Academic, Extra, Co-Curricular Activities)
10. Awards/Scholarships/Sponsorships
11. Training & Placements
12. Funded Projects – UGC, AICTE, DST etc.
13. MOUs
14. Recognitions/Accreditations/Approval status: (a) NBA (b) NAAC (c) Autonomous
15. Empowerment / Outreach / Community Services
16. Proposals submitted to AFRC / APHERMC, NIRF, AICTE
17. Minutes of Academic Council
18. Correspondence received from regulating bodies JNTUK/UGC/AICTE/APSCHS etc.
19. Budget proposal for the AY 2020-21
20. Any other item with the permission of the Chairman



The minutes of meeting:

5-GB-1: Compliance to last Governing Body Meeting

1. Dr. G.V.Ratnam, Professor, IIT-Madras has suggested the following:

a. MOOCs shall be prepared by the faculty and the access should be given to the students for their self-paced learning

The Institution has established Digital Studio. The following faculties are actively involved in developing MOOCs.

Department	Name of the Faculty	Subject
Civil	Dr. Partheepan	Strength of Materials
	Mr. S. Murali Sagar Varma	Applied Mechanics
EEE	Dr. Sarath Kumar Sahu	Basic Electrical Engineering.
	Mr. M. Venu Madhav	Electrical Circuit Analysis
Mechanical	Dr. S. Adinarayana	Engineering Mechanics
	Dr. N. Ravi Kumar	Thermodynamics
ECE	Dr. Shaik Mastan Vali	Switching Theory and Logic Design
	Mr. V.N. Lakshman Kumar	Electronic Devices and Circuits
CSE & IT	Mrs. K. Sobha Rani	Programming for Problem Solving
	Mr. M. Nagendra Kumar	OOPS through Java
Mathematics	Dr. M. Sambasiva Rao	Mathematics – I
	Dr. B.M.B. Krishna	Mathematics – II
Physics	Dr. Sivarama Krishna	Applied Physics
	Dr. B.B.V.S Vara Prasad	Engineering Physics
Chemistry	Dr. Pavan Kumar	Engineering Chemistry

b. Explore the possibility of training to the faculty who are developing MOOCs, at Teaching Learning Centre, IIT Madras.

- The training on developing MOOCs to faculties at Teachers Learning, IIT Madras is planned in the month of April/May 2020.



c. To reduce the credits from 180 to 160 in line with the AICTE model curriculum.

- The Institution has designed and implemented the new B.Tech. Curriculum for 160 credits with effect from AY 2019-20.

d. To focus on community-based projects

Socially relevant project (1 credit) has been introduced in new B.Tech. Curriculum

e. To encourage students to do 2, 3- and 4-weeks MOOCs

The Institution liberally encouraged and also supported voluntary student engagement on Open Source Learnings. About 3358 students registered and 525 of them were also certified by NPTEL Swayam.

f. To introduce fractal academics.

Socially relevant project (1 credit) has been introduced in new B.Tech. curriculum.

2. Dr. V. Ravindra, Professor of Civil Engineering, JNTUK has suggested the following

a. To explore the opportunities for consultancy to local industries.

- The Institution has signed MOU with Sarda Metals and Alloys to make use of our faculty expertise in the areas of solid waste management and power optimization.
- Innovare Laboratories, Visakhapatnam is being providing technical consultancy for improved process performance.

b. To build the start-up culture among the students and incubate the ideas by providing space.

- The Institution is encouraging the students to come up with innovative ideas and also providing financial support sponsored by alumni. The following students are actively involved in the innovation / incubation of ideas.

SL	Title of Proposal	Student Details	Amount (Rs.)
1	IOT based smart safety & security system for automobiles	S.Santosh - 4th year Mechanical (16331A03E5)	16,000
2	Smart badge using IOT, Help Her	Chikkala Lokesh, 17331A1212, IT-III	10,000
3	Help- Her App	Chikkala Lokesh, 17331A1212, IT-III	5,000
4	Pollution Free Engine	Bhupesh pydiraju. Y, 18331A0806, Chemical	12,400



		Engineering, II/IV	
5	Dip and Drink	G V Lokesh, 17331A0810, Chemical Engineering, III/IV	8,000
6	A Low Cost CPU for under-privileged schools	Datla Anjali, 16331A0540, CSE IV/IV	4,000
7	Installation of Freedom Box in Villages	Lakshmi Sai Supraja Golthi, 16331A0592, CSE IV/IV	5,000
8	Improvisation of Efficiency of Bio Gas Plant	P Nikitha Sree, 17335A0325, ME, IV/IV	10,000
9	Wireless Notice Board	V. Hemanth, 18335A0432, ECE III/IV	33,000
10	Developing Non Invasive Device to estimate Hemoglobin Concentration based on Digital Images	Ch. B. S. Sivani, 16331A0528, CSE, IV/IV	12,767
11	Application for Designing, Estimating	V Kishore Sai, 4 th yr Civil.	18,645
12	Hexapod AI Bot	Ricky Richardson, ECE, IV/IV, 16331A0457	47,376
13	Automatic Switching of Single Motor and Multiple tanks	Rohit Varma, ECE, III/IV, 17331A0466	21,800
			2,03,988

Also, developed space for the proposed activities in the second floor of Central Library

3. Sri. P. Ashok Gajapathi Raju garu, Chairman, Expressed the following

a. Communications skills are very important to the students and suggested to focus on improvement of communication skills of the students.

- Procurement and facilitation of learning platforms like Btechguru etc.,
- Revision in curriculum of English and introduction of Group Discussion, Elocution, Debates, JAM, Extempore activities

Increased compliance to self-engagement in assignments, record writing, project reporting, reports on internships, seminars, paper presentations etc.,



b. To strengthen the Alumni network and make use of their services in career guidance, motivational talks, project guidance, internships, etc., to the students.

- 195 Alumni actively involved in career guidance, internships project guidance etc.,

Dept.	Motivational Talks	Career Guidance	Internships	Project Guidance
Civil	4	5	1	1
EEE	8	6	3	2
Mech	15	6	27	3
ECE	21	9	2	1
CSE	7	8	20	5
Chem	3	4	20	10
IT	1	1	1	1

4. Dr. A. L. Rao, Former COO, Wipro & Board member TRAINZ Consultancy has suggested the following:

a. To explore the possibility of introducing Artificial Intelligence and Machine learning courses to all branches.

- Artificial Intelligence Tools and Techniques & IoT are being offered as common courses to all programs.
- Also, the courses Machine Learning and Data Analytics are offered as core Electives to CSE & IT.
- AICTE vide circular AICTE / AB/WR/EAT/2019-20 reiterated the importance and also the need for extensively offering Artificial Intelligence, Internet of Things, Robotics, Cyber Security, Block Chain, Quantum Engineering, Data Sciences/ Big Data & Analytics, 3D Printing & Design and Augmented Reality / Virtual Reality which the institution is presently reviewing for beneficial implementation.

b. To offer certification program on Data Sciences for a period of 3 to 6 months.

- IIT Madras is offering 5 months MOOCs on the Foundations of Data Sciences , Introduction to AI and Machine Learning using Python under PadhAI platform.

The following faculty have registered



Dr. V. Nagesh

Mrs. B. Anjana Devi

Dr. P. Srinivasa Rao

Mrs. N. Sushma Rani

Dr. R. Santhosh Kumar

Mr. S. Vidya Sagar Appaji

Dr. V. Jyothi

In due course of time the courses being referred shall either be offered as Electives or Specialization threads.

At present the students are also being encouraged to register for the above courses. Faculty members are being entrusted the role of Mentor for initial handholding.

d. To encourage all the students to participate in co-curricular and extra-curricular activities.

- About 3350 Students actively involved in industry internships, paper presentations, MOOCs and other certification programs

	Internships	paper presentations	MOOCs	Certification Programs
CIVIL	35	4	60	102
EEE	64	26	108	313
CHEM	85	14	18	0
ECE	174	11	80	0
MECH	385	25	48	793
CSE&IT	127	35	156	459
MBA	119	28	55	0
Total	989	143	525	1667

Further, the quality of engagement on sports and other activities has been improved.

975 students engaged on different extra-curricular activities

Cultural – 198

Sports – 289

Yoga – 398

NSS – 62

NCC–28

c. To design and offer skill development programs relevant to local community.

- 30 unemployed youth from the adopted villages were facilitated training on electrical wiring and Mobile repair.



- Two batches (30 each) of masons hailing from the neighbouring villages were supported in skill enhancement in collaboration with ACC cements.
- 30 Students were trained as solar Technicians in collaboration with National Institute of Solar Energy (NISE)
- Skill Training is imparted to **2170** candidates in collaboration with APSSDC

SolidEdge	Auto Wheeler	2	Auto Wheeler	4	CNC	R&AC	Electrical Home Wiring	Welding	Total
519	143		162		327	359	338	322	2,170

e. To explore the possibility of foreign collaboration in the areas of IOTs, Artificial Intelligence and Machine Learning.

- The Institution is in collaboration with Brunel University, Royal Academy of London and Bennett University for executing a project titled “Leading India AI” The following faculty are actively involved in the project.
 - Dr. V. Nagesh,
 - Dr. P. Srinivasa Rao,
 - Dr. R. Santosh Kumar,
 - Mrs. B. Anjana Devi
 - Mrs. K. Sushma Rani

5. Sri. P. L. P. Raju, Ex. EC Member, AU and Dr. P. Chandra Mouli, Professor of Physics, AU, has suggested to explore the possibility of introduction of social science courses like Constitution of India etc.,

- The following courses are now being offered as Audit courses to all the program departments.
 - Constitution of India
 - Indian Traditional Knowledge
 - Environmental science
 - Biology for Engineers



- Dr Y V N K Murthy garu, Former Scientist, ISRO and Registrar, ISTE, has appreciated for compliance to earlier GB minutes.

Institution at glance:

- MVGR is a 23 years old institution, established in 1997
- All eligible UG Programs (CHEMICAL, CIV, CSE, ECE, EEE, IT & MECHANICAL) were re-accredited by NBA - Department of Civil Engineering was accredited under Tier - I
- MBA program was also accredited by NBA.
- SIRO Recognition by DSIR
- Had been re-accredited with Grade 'A' by NAAC of UGC
- Has Permanent affiliation with JN Technological University-Kakinada
- Listed under sections 2(f) & 12(b) of UGC act 1956.
- Approved by AICTE-New Delhi
- EIGHT departments are recognized as RESEARCH CENTERS by JNTU-K
- Granted Autonomy by UGC in 2015
- Campus of 60 acres
- Offering 7 UG and 5 M.Tech and 1 MBA program
- 235 faculty of which 80 Ph.D. Degree holders.
- 83 Laboratories with an investment of over 13 crores
- Total built up area of about 7 Lakh sft
- About 42,000 volumes and Access to 8 international online journal packages like IEEE, SPRINGER, ASME, ASCE etc.
- Rated as AA (20th Position) by NPTEL Swayam for active participation in MOOCs
- 1540 Systems & 395 Mbps band width internet facility
- About Rs. 4 crore worth of on-going R&D projects
- Actively involved in civil engineering consultancy work as Third-Party Quality Auditor for Vizianagaram Municipality



- WIPRO Recognized technology learning center and MISSION 10X partner institution
- Recognized National Instruments Academy for Training in LabView
- Recognized PTC Centre of Excellence for CREO Training
- Identified by MSME as Business Incubation Centre
- APSSDC-Siemens Technical Skill Development Institute (tSDI)
- Recognized CMs SKILL EXCELLENCY CENTER (SEC)
- Microsoft Ed-vantage Platinum Partner
- Institutional member of IUCEE
- Institutional Member of CII
- Member, Chamber of Commerce, Vizianagaram
- Green Campus award by Govt. of AP

Reviewed and Recorded.

5-GB-2: Courses offered, additional Courses/Intake/Closure

<u>B.Tech. PROGRAMS</u>	<u>Intake</u>
• Chemical Engineering	: 60
• Computer Science & Engineering	: 180
• Civil Engineering	: 120
• Electronics & Communication Engg	: 180
• Electrical & Electronics Engineering	: 120
• Information Technology	: 60
• Mechanical Engineering	: 180
<u>M.Tech. PROGRAMS</u>	<u>Intake</u>
• Product Design & Manufacturing	: 18
• VLSI	: 18
• Comp. Networks & Inf. Security	: 18
• Structural Engineering	: 18
• Power Systems	: 18
<u>Other PG PROGRAMS</u>	
• Master of Business Administration	: 120
<u>Ph.D.</u>	
• Mechanical, Chemical, ECE & CSE	
• EEE, CIVIL, MBA & MATHS	



Proposal for additional intake in B.Tech. IT for the AY 2020-21

Programmes	Existing Intake	Proposed additional intake	Total intake
B.Tech. (IT)	60	60	120

- It is resolved to apply for additional intake in B.Tech. IT for the AY 2020-21

Academic programs offered by the Institution were Reviewed and recorded

5-GB-3: Laboratory Infrastructure

The following new laboratory / Infrastructure has been established during the AY 2018-19 based on curricular changes, ageing, Technological obsolescence and requirements of additional skill development.

Sl	Department & Laboratories (AY-2018-19)	Cost (Rs.)
1	Civil Engineering Concrete Technology(LVDT)	32,000
3	Mechanical Engineering Automatic Lathe Machine	8,79,386
4	Electronics and Communication Engineering ECAD, Microwave & Optical Communications,	1,02,802
5	Computer Science & Engineering Godel Lab	2,38,500
6	Chemistry Mansingh service meter	95,285
Total Investment		13,47,973

Reviewed and recorded.

5-GB-4: Building Infrastructure

Existing Built up area

S.No	Name of the Building	Area (sft)
1	Mechanical Block	49,453
2	Cse Block	48,743
3	Ece Block	47,936
4	Eee Block	47,742



5	Civil Block	63,011
6	Pg Block	33,173
7	Admin Block	19,067
8	Library Block	6,004
9	S & H Block	5,423
10	Bank	3,300
11	Sri Ganesh Temple	699
12	Generator Room	678
13	Girls Hostel	65,195
14	Main Gate	2,098
15	Amenities	2,195
16	Work Shops	33,162
17	Servant Quarters	1,614
18	Office:	2,475
19	Girls Hostel-C Block	18,260
20	Others	15,645
21	Services Block (Guest Rooms)	2,250
22	Gym	6,600
23	Parking Sheds	1,000
24	Boys Hostel	1,65,000
25	Central Library	46,200
26	Canteen	6,700

Existing Built Up Area = 6,44,174 sqfts

Proposed Built up area: 2019-20

S.No	Name of the Building	Area (Sft)
1	R&D BLOCK	32,000
2	Canteen FF	6,600
	Total	38,600

Total Built Up Area = 6,82,774 sqft.

Reviewed and recorded



5-GB-5: Human Resources

QUALIFICATIONS

Ph.D.	80
Ph.D. (Submitted)	6
Ph.D. (Pursuing)	68
M.Tech. / PG	78
Others	3
TOTAL	235

CADRE

Professor	28
Assoc. Professor	40
Asst. Professor	164
Others	3
TOTAL	235

Staff Joined

S.No.	Name	Qualification	Designation	Department	DoJ	Remarks
1	Ms. M. Sai Priya	M.Tech	Asst. Professor	CIV	11-07-19	Regular
2	Ms. Richa Pandey	M.E.	Asst. Professor	EEE	15-07-19	Regular
3	Mr. G. V. S. S. Subba Rao	B.Tech	Industry & Skill Development Liaison Officer	OFF	03-12-19	Regular

Staff Relieved

S.No.	Name	Qualification	Designation	Department	DoR	Remarks
1	Dr. K. Suneetha	Ph.D	Sr. Asst. Professor	E&H	11-06-19	Got placed at GITAM University
2	Dr. C. Veerabhadra Rao	Ph.D	Professor	CSE	31-08-19	Got placed at IPE University
3	Mr. N. Murali Krishna	M.Tech	Asst. Professor	MEC	30-09-19	Relieved
4	Mr. Jagannath Ch. Yadav B.	M.Tech	Asst. Professor	EEE	30-11-19	Got placed in Indian Railway
5	Dr. K. S. S. Rama Raju	Ph.D	Professor	MBA	31-01-20	Post retirement Scheme - relieved on request

Reviewed and recorded



5-GB-6: Learning Resources

Magazines, Journals & Newspapers

Library:

Titles	Volumes	Average Users per Day	Area Sfts
18,351	41,755	375	46,500

PRINT JOURNALS		
NATIONAL	INTERNATIONAL	TOTAL
122	11	133

MAGAZINES	NEWS PAPERS
34	10

FACILITIES
EZ Proxy Server (to access e-journals from home)
Digital Library (109 systems)
Reprographic Facilities
DELNET Services
Automated User Service
Student Group Discussion Room

Digital Library

E-BOOKS

- McGRAW-HILL 365
- ASTM Digital Library 1700
- TOTAL 2,065

E-JOURNALS

- IEEE - 161
- SPRINGER(EEE) 134
- SPRINGER (Mech.)- 46
- ASME (Mech.) - 36
- ASCE (Civil)- 34
- ELSEVIER (Science Direct) 275
- TOTAL 686



ARTICLE DATABASE

➤ J-GATE Engg.	1763
➤ J-GATE Management	2128
TOTAL	5891

E- Learning material

➤ NPTEL Web courses	619 Subjects
➤ NPTEL GATE modules	
➤ Video Courses	110 (each 40 Hrs.)
➤ IUCEE Material	1 Terabyte Hard disc
➤ NITTTR Material	275 CDs on all subjects

Internet Bandwidth : 395 MbPS

Reviewed and recorded.

5-GB-7: FDPs conducted/to be conducted/Attended

FDPs conducted / organized during the period (2019-20): 4

Dept	Name of the program	Date(s)	Resource persons with designation and Organisation
Civil	RECENT TRENDS IN SUSTAINABLE DESIGN OF STRUCTURES	18th – 30th November, 2019	Dr. KVL Subramaniam, Prof. IIT Hyderabad,
			Dr. Brajesh Kumar Dubey, Assoc. Prof., IIT KGP
			Dr. B. Nageswara Rao, Prof., IIT Madras
			Dr. S Suriya Prakash, Assoc. Prof., IIT Hyd
			Dr. D Ramaseshu, Prof. NIT Warangal
			Dr. Bibhuti Bhusan Das, Assoc. Prof., NIT Surathkal
			Dr. MG Muni Reddy, Assoc. Prof., AUCE
			Dr. DSR Murty, Prof. AUCE
			Dr. P Krishnam Raju, Retd. Dy. C E, Port Trust, VSP
			Dr. B Ravi Kumar, Plant Head, Ultratech Cement VSP
	SUSTAINABLE SYSTEMS AND STRUCTURES	15th – 16th Nov., 2019	Dr. G. Appa Rao, Prof., IIT Madras.
			Dr. M. Amarnath Reddy, Assoc. Prof, IIT - KGP.
			Dr. K. Rama Raju, Chief Scientist, Head-Vibration
			control group, CSIR-SERC, Chennai.
			Sri A Saibaba, Chief Engineer –Indian Railways
			Sri. N.Jagan Mohan Rao, Chief Engineer (Retd.),
			North Coastal



ECE	CHANNEL CODING IN 5G	24 th - 25 th , August 2019	Dr.Lalitha Vadlamani, Professor, IIIT, Hyderabad.
			Dr. Lakshmi Prasad Natarajan, IIT, Hyderabad.
			Dr.Birinjit Sasidharan, Professor, Govt. Engg College,
			Barton Hill,Trivendrum.
CSE & IT	ANN and Deep Learning	3 rd -8 th , June 2019	Prof.G.Rama Murthy, IITH Hyderabad
			Dr.M.Srinivas,IITH Hyderabad
			Dr.M.Anand Kumar,NIT Suratkal
			Dr.Nagesh Bhattu, NIT-AP
			Dr.M.Srinivas,NIT Warangal

FDPs to be conducted (2019-20) : 6

S.No.	Dept	Name of the Program	Proposed Dates
1	MECH	STTP on “Recent Trends on Hybrid and Electric Vehicle Technologies”	20.04.2020 to 25.04. 2020
2	CSE	Machine Learning Applications with R Programming-MLARP	09.03.2020 to 14.03.2020
		STTP on Augmented and virtual reality (AR&VR)	March / April 2020
3	ECE	Design and simulation of miniature antennas for IoT applications	27.04.2020 to 02.05.2020
4	IT	Workshop on AI and Machine Learning	20.07.2020 to 21.07. 2020
		Workshop on IoT	01.11.2020
5	Chem	ASPEN Hysis	28.02.2020 to 29.02.2020
6	MBA	Data Analysis using SPSS, AMOS and R	13.07.2020 to 18.07.2020

Number of FDPs attended by Faculty: 383

GIAN Courses attended by Faculty: 11

Number of MOOCs done by Faculty: 152

S.No	Name of the Faculty	Subject	Standing
1	Ravi Kiran Varma P	Ethical Hacking	Topper of 1% in this course
2	Sangamreddi Chandramouli	Fluid Mechanics	Topper of 1% in this course
3	Chinthala Sri Ram Phani Sandeep	Digital Image Processing	Topper of 1% in this course
4	Krishna Kumari Karri	Soft skills	Topper of 2% in this course
5	Joshua Kumar Saladi	Heat Exchangers Fundamentals and Design Analysis	Topper of 5% in this course



6	Devalingam Santhoshkumar	Fundamentals of Surface Engineering Mechanisms Processes and Characterizations	Topper of 5% in this course
7	Dr D V Raghuvamsi	Ethics in Engineering Practice	Topper of 5% in this course

Faculty recognitions:

Dr.P. Ravi Kiran Varma Assoc. Prof., & Mr. K. V. Subba Raju., Asst. Prof., CSE are recognized as “Expert instructor excellence” by CISCO.

Faculty Internships: 62

- Number of Publications: 166
 - Number of Publications with high impact factor: 54
- Dr A L Rao, Former COO, WIPRO and Triantz consultant has suggested the following:

Provide Training to faculty members in industries.

The Institution is encouraging the faculty members to go for Industry Internships by providing all logistics. Ie TA, DA and accommodation etc.

- It is resolved for increased engagement of faculty industry internships.

Dr A L Rao garu volunteered to facilitate faculty internships and training in curriculum design of Artificial Intelligence and Machine learning.

- Dr Y V N K Murthy, Former Scientist, ISRO and Registrar, IIST, Trivandrum has suggested the following:

Establish Centre of Excellences for research areas and facilitate the interaction with people from industry.

- It is resolved to explore the possibility of establishing CoEs for emerging research areas and constitute a team to consciously working on emerging research areas.

Invite the experts from industry who are working in multi-disciplinary projects to interact with the faculty for motivation and guidance.

- It is resolved to invite the experts from industry working in multi-disciplinary projects.

Reviewed and recorded.



5-GB-8: Research and Higher Learning, Achievements

Ph.D. awardees

	Name of the Faculty	Designation	Department
1	Dr. M.VINODH KUMAR	Asst. Professor	ECE
2	Dr. B.LAVANYA	Asst. Professor	ECE
3	Dr. G. VIMALA KUMARI	Asst. Professor	ECE
4	Dr. B. V. RAMANAIAH	Sr. Asst. Professor	Chem
5	Dr. V. JYOTHI	Asst. Professor	IT
6	Dr. V.V.R. Rama Bhadri Raju	Asst. Professor	Maths
7	Dr. B.B.V.S. Vara Prasad	Asst. Professor	Physics
8	Dr. M.V.V.Bhanu	Asst. Professor	MBA

Ph.D. Thesis Submitted

	Name of the Faculty	Designation	Department
1	SMT. RICHA PANDEY	Asst. Professor	EEE
2	MR. P. SURYA PRASAD	Assoc. Professor	ECE
3	MR. V.N.LAKSHMAN KUMAR	Asst. Professor	ECE
4	MR. M. CHANDRA SEKHAR	Asst. Professor	CSE
5	Mrs. D. V. PADMA	Asst. Professor	Chemical
6	Mr. D. SIDDARTHA	Asst. Professor	MBA

Faculty pursuing Ph.D at IIT/NITs

	Name of the Faculty	Designation	Department	FT / PT	Institute/ University
Registered Last Year					
1	BVSSR BHASKAR	Asst. Professor	CIVIL	FT	IIT Tirupathi
2	AVS KALYAN	Asst. Professor	CIVIL	PT	NIT, Silchar
3	G. SANKARA MANI	Asst. Professor	EEE	PT	VNIT, Nagpur
4	P. PAVAN KUMAR	Asst. Professor	EEE	PT	NIT, Raipur
5	KRISHNA KUMARI	Asst. Professor	EEE	PT	NIT, Raipur
6	S.M.K PATNAIK	Asst. Professor	EEE	FT	NIT, AP
7	N. SHANMUKHA RAO	Asst. Professor	ECE	PT	NIT, Rourkela
8	N. SUSHMA RANI	Asst. Professor	CSE	PT	NIT, AP
9	G.N.V RAJA REDDY	Asst. Professor	IT	PT	NIT, Silchar
Pursuing					
10	CH. RAVI SANKAR	Asst. Professor	CIVIL	FT	IIT-Kharagpur



11	B.V JOGA RAO	Asst. Professor	CIVIL	FT	IIT-Kharagpur
12	T. SUDHAKAR	Asst. Professor	EEE	FT	IIT-Mumbai
13	G. PRAMODH KUMAR	Asst. Professor	MECH	PT	NIT- Trichy
14	K.RAVI KUMAR	Asst. Professor	MECH	FT	NIT- Trichy
15	B. PRAVEEN SAI	Asst. Professor	ECE	FT	IIT- Hyd.
16	A.U.G.SANKARA RAO	Asst. Professor	ECE	FT	IIT- Hyd.
17	VSM SRINIVASA VARMA	Asst. Professor	ECE	FT	IIIT (D&M) Kanchipuram
18	H. SUDHA	Asst. Professor	ECE	FT	Andhra University
19	D.MALLIKARJUN REDDY	Asst. Professor	CSE	FT	IIT Madras
20	D.ANTHONY BALARAJU	Asst. Professor	CSE	FT	IIT Madras

Reviewed and recorded.

5-GB-09: Student Performances (Academic, Extra, Co-Curricular Activities)

Academic Performance of B.Tech (2015-19)

Branch	Appeared	Awarded	Distinction	I class	II class	Pass Class	Pass %
CIV	127	116	64	34	18	0	91.34
EEE	130	124	76	39	9	0	95.38
MECH	204	201	157	42	2	0	98.53
ECE	206	191	155	32	4	0	92.72
CSE	195	172	98	53	21	0	88.21
CHE	64	59	27	29	3	0	92.19
IT	45	44	27	14	3	0	97.78
TOTAL	971	907	604	243	60	0	93.41
Overall%		84.48	66.6	26.8	6.6		

Examination Results

B.Tech (2016 Batch)	Overall Pass %
I Semester	73.34
II Semester	67.09
III Semester	71.78
IV Semester	69.89
V Semester	70.52



VI Semester	77.96
VII Semester	82.41
B.Tech. (2017 Batch)	
I Semester	70.91
II Semester	72.56
III Semester	66.37
IV Semester	75.46
V Semester	74.12
B. Tech. (2018 Batch)	
I Semester	72.45
II Semester	63.51
III Semester	69.2

- Dr A L Rao, Former COO, WIPRO and Triantz consultant has suggested the following:

Identify the reasons for low academic performance of CSE students.

- It is resolved to identify the reasons for low academic performance and take corrective measures.

Certification Programs:

In addition to training on curriculum, the Institution encourages the students to actively engage in activities for skill development, learning new tools etc., About 1722 students from various departments underwent training leading to certification by collaborating industry partners.

❑ Civil

Name of the certification program	No of students
EPANET	42
GIS(IIRS)	60

❑ EEE

Name of the certification program	No of students
Embedded Systems	252
Student Solar Ambassadors by IIT Mumbai	61

❑ Mech

Name of the certification program	No of students
APSSDC-Welding	215
APSSDC-SOLID EDGE	215
APSSDC-Auto Two Wheeler	215
APSSDC-CAE	74



APSSDC-CNC	74
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❑ CSE & IT

Name of the certification program	No of students
CISCO - Programming Essentials in C	161
CISCO - Programming Essentials in C++	27
CISCO - Programming Essentials in Python	90
CISCO - Linux Essentials	54
CISCO - IoT Connecting Things	19
CCNA R&S	98
CCNA Cyber Operations	10

- Nadupuru Pavan Kumar & Tulluri Venkata Ramana of B. Tech. CSE, got 2nd Prize in AP Code Champs Organized by AP State Government during 25,26th Feb'2019

With a view to give student comprehensive and enhanced learning experience and also as a part of finishing school, students are encouraged to take active part in industry internships. During the academic year 2018-19, 989 students have participated.

Number of Student Internships: **989**

- Also, **143** technical paper presentations were made by the students in various competitions during the AY 2018-19
- The Institution has invited experts from industry to deliver guest lectures and seminars. During the AY 2018-19, **28** such programs were conducted.

- Dr V Ravindra, DAA, JNTUK has suggested the following:

To improve the alumni engagement in the department of IT

- It is resolved to strengthen the alumni network of the department for possible internships, career and project guidance.

Enhance the participation of IT students in co-curricular and extra- curricular activities.

- It is resolved to evolve an action plan for improved engagement of IT students in co-curricular and extra- curricular activities.



To arrange guest lectures by IAS officers.

The Institution is organizing guest lectures by inviting eminent people from public administration to inspire the students.

- It is resolved to explore the possibility of providing guidance on how to prepare for civil services.

Dr Y V N K Murthy, Former Scientist, ISRO and Registrar, IIST, Trivandrum has suggested the following:

To offer certification programs on current/emerging technologies.

- It is resolved to design and offer certification programs on current/emerging technologies.

Encourage the students to work on multi-disciplinary projects.

- It is resolved to create ambiance and echo system for a greater number of multi-disciplinary projects.

Student participation in MOOCs: **525**

MOOC's (NPTEL) Toppers List:

S.No	Name of the Faculty	Subject	Standing
1	Dantuluri Roshini	Chemical Reaction Engineering I	Topper of 1% in this course
2	Poduru Sai Leela	The Joy of Computing using Python	Topper of 1% in this course
3	P E S S Raju	The Joy of Computing using Python	Topper of 1% in this course
4	Kazi Fariadul Islam	The Joy of Computing using Python	Topper of 1% in this course
5	Vadrevu Venkata Sathya Pramila	The Joy of Computing using Python	Topper of 1% in this course
6	Peddada Alekhya	The Joy of Computing using Python	Topper of 2% in this course
7	Madipalli Surya Vamsi	The Joy of Computing using Python	Topper of 2% in this course
8	Boddepalli Karthik Kumar	Leadership	Topper of 5% in this course
9	Nedunuri Jagadeswara Rao	Fluid Mechanics	Topper of 5% in this course
10	Venkata Sai Pavan Madabathula	Ethical Hacking	Topper of 5% in this course



11	B Hemani	The Joy of Computing using Python	Topper of 5% in this course
12	Duggineni Srujana	Developing Soft Skills and Personality	Topper of 5% in this course
13	Varanasi Shanmukha Sai Simhadri	Strength of Materials	Topper of 5% in this course
14	Naralasetty Manish Kumar	The Joy of Computing using Python	Topper of 5% in this course
15	Kusuma Patnaik Murahari	Developing Soft Skills and Personality	Topper of 5% in this course
16	Meghana Pusapati	The Joy of Computing using Python	Topper of 5% in this course
17	Goda Pallavi	The Joy of Computing using Python	Topper of 5% in this course
18	Vetcha Padmini	The Joy of Computing using Python	Topper of 5% in this course
19	Yaswanth Nag Seela	The Joy of Computing using Python	Topper of 5% in this course
20	Godaba Prasanna Sravya	The Joy of Computing using Python	Topper of 5% in this course
21	Susmitha Gorajana	The Joy of Computing using Python	Topper of 5% in this course
22	Ravi Namrata Srilekha	The Joy of Computing using Python	Topper of 5% in this course
23	Buridi Sravya	The Joy of Computing using Python	Topper of 5% in this course
24	Kutcharlapati Nikhitha	The Joy of Computing using Python	Topper of 5% in this course
25	Varanasi Shanmukha Sai Simhadri	Concepts of Thermodynamics	Topper of 5% in this course
26	Hejeebu Venkata Sailatha	The Joy of Computing using Python	Topper of 5% in this course
27	Yajjala Appalaswamy	Engineering Metrology	Topper of 5% in this course

Incubation / Innovation club activities:

SL	Title of Proposal	Student Details	Amount (Rs.)
1	IOT based smart safety & security system for automobiles	S.Santosh - 4th year Mechanical (16331A03E5)	16,000
2	Smart badge using IOT, Help Her	Chikkala Lokesh, 17331A1212, IT-III	10,000
3	Help- Her App	Chikkala Lokesh, 17331A1212, IT-III	5,000
4	Pollution Free Engine	Bhupesh pydiraju. Y, 18331A0806, Chemical Engineering, II/IV	12,400



5	Dip and Drink	G V Lokesh, 17331A0810, Chemical Engineering, III/IV	8,000
6	A Low Cost CPU for under-privileged schools	Datla Anjali, 16331A0540, CSE IV/IV	4,000
7	Installation of Freedom Box in Villages	Lakshmi Sai Supraja Golthi, 16331A0592, CSE IV/IV	5,000
8	Improvisation of Efficiency of Bio Gas Plant	P Nikitha Sree, 17335A0325, ME, IV/IV	10,000
9	Wireless Notice Board	V. Hemanth, 18335A0432, ECE III/IV	33,000
10	Developing Non Invasive Device to estimate Hemoglobin Concentration based on Digital Images	Ch. B. S. Sivani, 16331A0528, CSE, IV/IV	12,767
11	Application for Designing, Estimating	V Kishore Sai, 4 th yr Civil.	18,645
12	Hexapod AI Bot	Ricky Richardson, ECE, IV/IV, 16331A0457	47,376
13	Automatic Switching of Single Motor and Multiple tanks	Rohit Varma, ECE, III/IV, 17331A0466	21,800
			2,03,988

Sponsored Student projects- National level competitions

	Name of the Team	Vehicle	Sponsored amount in Rs.	Organized By	Position	Awards
1	TEAM INVINCIBLE	Design, Analysys and Fabrication of All Terrain Vehicle (ATV)	3,50,000	"BAJA SAE INDIA 2019"-IIT Ropar	42/88	--
2	TEAM Aadhya	Design, analysis and fabrication of Go Kart	1,05,000	Society of Innovative Minds(SIM India) Pro Karting Championship-2019	6/35	Best Business Plan Award

Extra - Curricular Activities:

List of students - represented JNTUK 2018-19

S.No	Name of the Student	Game	Year/ Branch
1	D. Sridevi	Kho-Kho	2/4 ECE
2	K. Bharathi	Volley Ball	2/4 EEE
3	V. Dinesh Kumar	Badminton	2/4 CSE



4	M. Lokesh Kumar	Chess	3/4 EEE
5	P. Jeevan Kumar	Handball	4/4 Chem.
6	T. Jashwant	Roller Sports	4/4 Mech
7	D. Sai Varun	Roller Sports	4/4 Mech

2019-20

S.No	Name of the Student	Game	Year/ Branch
1	Mr.A.Rambabu	Kho-Kho	I/IV ECE
2	Mr.M.Lokesh Kumar	Chess	IV/IV EEE
3	Ms.R.Deena Ratnam	Chess	II/IV ECE
4	Mr.R.Kiran Kumar	Basket Ball	IV/IV Mech
5	Ms.P.Reema Kiran	Basket Ball	II/IV Mech
6	Mr.M.Anish Kumar	Foot Ball	III/IV Mech
7	Mr.M.Satya Sai	Foot Ball	I/IV Mech
8	Mr.T.Samuel	Volley Ball	IV/IV CIVIL
9	Mr.Ch.Reshma	Volley Ball	IV/IV CSE
10	Mr.K.Bharathi	Volley Ball	III/IV EEE
11	Mr.Shaik Nazeer	Karate	III/IV Mech
12	Mr.T.Saketh	Best Physique	IV/IV CSE
13	Mr.D.Sakesh Varma	Kick Boxing	II/IV CIVIL
14	Ms.B.V.S.Navya Sree	Rifle Shooting	I/IV EEE

Extra - Curricular Activities

Sports Facilities

- Cricket Ground
- Basket Ball Court
- Volley Ball Court
- Kho Kho Court
 - Gym in the premises of college
 - Separate Gym for Boys and Girls Hostels



➤ Shuttle Court

- MVGR stood Runners in Basket Ball, JNTUK A'Zone Inter University Tournament
- MVGR women Volley Ball Team stood Runners in JNTUK Central Zone (Women) Tournament
- MVGR women Chess Team stood 3rd place in JNTUK Central Zone (Women) Tournament
- Shaik Nazeer (Mech 3/4) 17331A03G2 -60kgs. Above 18Years Category -GOLD Medal - National Karate Champion Ship held in Madhya Pradesh, September 21 &22 2019
- Mr. T. Saketh - JNTUK Inter Collegiate gold medal overall 1st place for body building championship

NCC

- NCC Unit – 100, 'B' Certificate - 17; 'C' Certificate - 38; 1st year 45;
- Mr. G. Harshvardhan ECE IV / IV, Mr. G. Tarun III / IV Mech. - Best Cadets

NSS

- MVGR “Bala Swechha” is recognized as best project at national level under UBA by MHRD & IIT-Delhi
- 15 Programmes 120 Volunteers enrolled; K.SAI CHAKRAPANI, 3/4 Chemical, N. SUCHARITA, 3/4 CSE, P. RAMMADHU, 3/4 ECE– Best Volunteers
- For the academic year– 800 Units of Blood donated
- Best Blood Donation Camp - District level award - by Red Cross Society
- Best Blood Donation Camp - District level award - by Rotary Club
- Best Blood Donation Camp - District level award - by Lions Club
- Adopted Villages: Chintalavasala & Raghumanda – actively participated in empowerment programs and also supported and conducted plantation program Raghumanda School
- Facilitated Skill Development Training to around 30 unemployed village youth

Dr Y V N K Murthy, Former Scientist, ISRO and Registrar, IIST, Trivandrum has suggested the following:

M.Tech. students shall be actively engaged in in co-curricular and extra- curricular activities.

- It is resolved to involve M.Tech. Students actively in co-curricular and extra- curricular activities.

P L P Raju garu suggested to arrange awareness programs to students on Military Engineering Services.



The Institution is organizing awareness programs to students on Military Engineering Services by eminent persons working in Army, Navy and Air force.

However, it is resolved to increase the number of such programs

Students shall be given opportunity to visit tribal areas to understand the culture and challenges/problems faced by the people.

- It is resolved to explore the possibility of visiting tribal areas under NSS.

Dissemination of student activities through college magazine/newsletter. (Monthly or quarterly)

- Departments are publishing e-magazines. It is resolved to publish e-magazine at college level.

Reviewed and recorded.

5-GB-10: Awards/Scholarships/Sponsorships

Motivational Initiatives

All the meritorious candidates securing top ranks in their respective classes are awarded academic awards:

- a) An amount of Rs.35,000 cash award for I ranker from each class
- b) An amount of Rs.23,333 cash award for II ranker from each class
- c) An amount of Rs.11,667 cash award for III ranker from each class

Amounts given as cash awards for the academic year 2018-19 :

S.No	Program & Year	Number of Students	Amount (Rs.)
1	I B.Tech	15	3,96,666
2	II B.Tech	16	3,96,666
3	III B.Tech	15	3,96,666
4	IV B.Tech	14	1,13,156
5	M.Tech	6	60,000
6	MBA	2	45,000
TOTAL		68	14,08,154

Medals Instituted

	Institutional Medal	Dept.
1	Dr. P. Anand Gajapathi Raju Memorial Gold Medal	Overall topper
2	Maharaj Anand Gajapathi Raj Memorial Gold Medal	CHEM
3	Dr. PVG Raju Memorial Gold medal	CIVIL
4	Maharaj Alaknarayan Gajapathi Raj Memorial Gold Medal	CSE
5	Maharani Vidyavati Devi Memorial Gold Medal	ECE



6	Maharani Urmila Devi Appalakondayamba Memorial Gold Medal	EEE
7	Maharani Lalitha Kumari Devi Memorial Gold Medal	IT
8	Maharaj Vijayram Gajapathi Raj Memorial Gold Medal	MECH
9	Rajkumari Sucharitha Gajapathi Raju Memorial Gold Medal	MBA
10	Overall Topper	M.Tech.
Sponsored Medals		
11	K.Vani Manasa Memorial Medal	CSE
12	Prof B Harinarayana Rao Memorial Medal	EEE
13	Prof. G J V J Raju Foundation Medal	CHEM
14	Gumpina Praneeth Kumar Memorial Medal	IT

❑ **S A ANUSHA of Chemical Engineering bagged University Gold Medal by JNTUK**

Prathibha Awardees:

B.Tech

Sl.No.	Name of the Student	Branch
1	KOTAKALA SAI SARANYA	CIVIL
2	KUNDANGI HARITHA	CIVIL
3	SIVVALA RAVI TEJA	EEE
4	KONETI BHASHINI	EEE
5	MANDALA CHARAN KUMAR	MECHANICAL
6	GANGARAPU SWAROOP RAJ	MECHANICAL
7	JANNI GAYATHRI	ECE
8	VOOLLA MYDHILI	CSE
9	ADIREDDY VASANTHA VANI	CHEMICAL
10	RACHURI KAMESWARI ANURADHA	CHEMICAL

M.Tech

Sl.No.	Name of the Student	Branch
1	SHAIK LAL MOHIDDIN	SE
2	KODIGUDLA DEEPTHI	VLSI
3	PALEPU SNEHA SRI	VLSI
4	BODDU JYOTHSNA	CS

Reviewed and recorded.



5-GB-11: Training & Placements

2018-19: No. of placement 706

Companies Visited : 92

Core Companies : 45

IT Companies : 47

Core Companies 2018-19

S.No	Company Name	No of Selects
1	Elevate (Khazana Group)	1
2	Solenis	5
3	Unistring Tech Solutions	9
4	Soctronics	9
5	Medha Servo	4
6	Hyundai Mobis	4
7	MSK Consultants And Engineers	3
8	Effftronics	2
9	Mindtree	1
10	Jytra Technology Solutions	2
11	Red Solar	2
12	Raster Technologies	3
13	Asahi India Glass	2
14	Hyper Filtration	1
15	Trimax Bio Scienced Pvt Ltd	10
16	HR Square LLP	17
17	Lotuswireless	12
18	Raam Group	17
19	Design Tribes	3
20	Alcane Technologies	5
21	ElectroMech Material	3
22	Innovare Labs Pvt Ltd	4
23	Ski Detail	10
24	Grow Controls	2
25	Effive India Pvt.Ltd	14
26	BSCPL	8
27	Hyundai Motors	5
28	InfoDsign	11
29	Divis Labs	18
30	GVK Bio Sciences	2
31	Cyient	4
32	Bosch Ltd	4
33	Deccan Fine Chemicals	3
34	VEM Technologies	5
35	Hyundai R&D	6
36	IWS	15
37	COSECS	2



MVGR College of Engineering (Autonomous)

Re-Accredited by NBA & NAAC with 'A' Grade
Approved by AICTE, New Delhi, and Permanently Affiliated to JNTU, Kakinada.
Listed U/S 2(f) & 12 (B) of the UGC Act 1956

College
Code

33

38	Maheswari Constructions	2
39	Bengalore Railways	2
40	PVR Associates	1
41	Aurore Pharmaceuticals Pvt. Ltd	1
42	Assistant Professor	3
43	Village Surveyor (Gr-III)	1
44	Engineering Asst (Gr-II)	13
45	Canara Bank	1
Total		252

IT Companies 2018-19

S.No	Company Name	No of Selects
1	Mu- Sigma	5
2	MAQ Software	3
3	Amazon	0
4	Spyry Technologies	6
5	TCS Ninja	21
6	Capgemini	189
7	UX Reactor	2
8	CtrlS	8
9	TCS CodeVita	5
10	Axiom IO	13
11	Report Garden	1
12	LiquidHub	7
13	Nine Leaps	4
14	Glenwood Systems	7
15	Syntel	6
16	Sopra Steria	1
17	Wipro	3
18	Aclara	6
19	TAVISCA	4
20	WTT Technology Solutions India Pvt Ltd	7
21	SciTech Patent Art Services Pvt Ltd	3
22	Shri Ram Panels	1
23	ADP India	2
24	Inlight Data Analytics	6
25	Kreeti Technologies	1
26	MAQ Software	4
27	Infosys	13
28	Jaro Education	0
29	Innovate Apps	3
30	Cognizant Technologies	12



31	EPAM	0
32	FACE	6
33	MyMoney Karma	1
34	Memorang	1
35	HCL	1
36	Full Creative	4
37	Zen3	30
38	Abhra Inc	19
39	MyMoney Karma	19
40	SHA Associates	12
41	Nagarro	2
42	Docmation	3
43	Dazeworks	2
44	Biznusoftware	2
45	Eternus	2
46	Avantel	5
47	Value Labs	2
Total		454

2019-20: No. of placement 527 up to Jan 2020

Companies Visited : 49

Core Companies : 19

IT Companies : 30

Core Companies 2019-20

S.No	Company Name	No of Selects
1	Hyundai Mobis	5
2	UTS	3
3	TechnipFMC	3
4	VEM Technologies	3
5	Uncease Automation	2
6	Madhus Garage Equipment	6
7	MedhaServo	0
8	Sriram Group	36
9	Cape Electric	2
10	Mindtree	1
11	Deccan Fine Chemicals	4
12	Everglades Technologies	4
13	IMEG	5*
14	Efftronics	3
15	HR Square	6
16	Hyundai Motors India Pvt Ltd	1*
17	Quartzkraft	3
18	A-1 Fence products	15*



MVGR College of Engineering (Autonomous)

Re-Accredited by NBA & NAAC with 'A' Grade
Approved by AICTE, New Delhi, and Permanently Affiliated to JNTU, Kakinada.
Listed U/S 2(f) & 12 (B) of the UGC Act 1956

College
Code

33

19	KI Conequip Private Limited	12*
Total		114

IT Companies 2019-2020

S.No	Company Name	No of Selects
1	Infosys	46
2	DeltaX	1
3	TCS CodeVita	8
4	TCS Digital	1
5	Value Labs	4
6	Nineleaps	7
7	Riktam Technologies	1
8	SopraSteria	5
9	CtrlS	15
10	UX Reactor	1
11	TCS NQT	113
12	Capgemini	91
13	Cognizant Technologies	37
14	Amazon	1
15	Darwinbox	0
16	Extramarks Education India Pvt Ltd	20
17	MAQ Software	0
18	Trianz	6
19	Wipro	11*
20	Glenwood Systems	3
21	Aptroid	1
22	WinWire Technologies	1
23	IBM	3
24	FACE	23
25	HCL	31
26	Tilicho Labs	1
27	Salesforce	2
28	Tech Mahindra	6
29	CISCO	3
30	Avantel	15
Total		457

Training Programs conducted

S.No	Service Provider	Date	Training Program	Target group
1	M/S COIGN Consultants Pvt.Ltd	18-06-19	Coding training	B.Tech final year students (2020 passing out batch)
2	FACE	05-06-19	CRT training	B.Tech final year students (2020 passing out batch)



3	Talentio Solutions	11-09-19	Capgemini company specific training	B.Tech final year students (2020 passing out batch)
4	M/S Codetantra	04-10-19	CodeTantra Online platform	Coding for 1st year Students (2019 batch)
5	Talentio Solutions	13-10-19	Wipro company specific training	B.Tech final year students (2020 passing out batch)
6	Talentio Solutions	12-11-19	Infosys company specific training	B.Tech final year students (2020 passing out batch)
7	M/S COIGN Consultants Pvt.Ltd	01-01-20	Coding training	3rd year students (2021 passing out students)
8	NextGen Ventures Pvt.Ltd	25-01-20	Placement assistance	Final year B.Tech students (2020 passing out batch)

Reviewed and recorded.

5-GB-12: Funded Projects – UGC, AICTE, DST etc.

Funded Projects sanctioned:

S.No	Title of the project	Agency	Principal Investigator	Amount in Rs.
1	Design and Simulation of Miniature Antennas for IoT Applications	AICTE	Dr. M Satyanarayana	2,80,000
2	Machine Learning Applications with R Programming-MLARP-2019	AICTE	Dr. P Satheesh	1,97,500
3	Electric and Hybrid Vehicle Technologies	AICTE	Dr. N Ravi Kumar	3,40,900
4	Development of Intelligent Algorithms for Campus Navigation System	DST	Dr. G Suvana Kumar	18,30,000
5	Recent Trends in Sustainable Design of Structures	AICTE	Dr. P Markandeya Raju	4,03,000
6	International Conference on Sustainable systems and structures	AICTE	Dr. P Markandeya Raju	5,00,000
7	Modernization and Removal of obsolescence in Machine Tools Lab	AICTE	Dr. S Adinarayana	12,27,900
Total				47,79,300

Ongoing Funded Projects:

S.No	Title of the project	Agency	Principal Investigator	Amount in Rs.
1	Toughened Concrete for Building Structures of National Importance against	DST	Dr. Partheepan Ganesan	18,48,000



	Impact Forces			
2	Synthesis and Characterization of Thermochemical Material for Solar Thermal Energy Storage	DST	Dr. M Siva Subrahmanyam	18,48,000
3	Exploring magnetic, magnetocaloric and magnetoresistive properties of $Ti(Fe_{1-x}Co_x)_2$ ($0 < x < 1$)	DST	Dr. Shanmukha Rao Samatham	18,48,000
4	Integrated Water Management Through Rejuvenation of Surface Tanks in Vizianagaram Town	DST	Dr. R Maheswaran	1,04,33,360
5	Designing Huesler Compounds for Magnetic Refrigeration and Spintronics Application	UGC	Dr. S Samantham	45000
6	Wavelet Entropy Based Multiscale Performance Analysis: An Approach to Assess and Improve Hydrological Models	DST	Dr R Maheswaran	17,01,310
7	Design and Development of KU band Micro strip patch antenna Array for Satellite Application	DST	Dr G Anjaneyulu	31,41,000
8	INSPIRE Faculty Fellowship	DST	Dr. R. Maheshwaran	35,00,000
9	Process optimization studies on Removal of Heavy Metals from Waste Water using Mixed Adsorbents	DST	Dr. D. Krishna	26,58,000
10	Funds for improvement of S&T infrastructure	DST	Dr. K. V. L. Raju	30,00,000
	Total			3,00,22,670

Total Value of Funded Projects - Rs. 3,48,01,970

Collaborative Projects:

- The Institution has signed MOU with Zunik Energies for establishment of a R& D centre. MVGR agreed to allocate space for operations of Zunik (15 employees of Zunik are expected to work out of MVGR). Equipment worth Rs. 60 lakhs (approx.) will be arranged by Zunik and housed at MVGR.
- The collaborative project with iKriya Learning USA and University of Central Florida which is aimed at the development of exercise devices for children and adults with neuromuscular deficits such as stroke patients, children with cerebral palsy etc.

PCB design and testing has also been done by iKriya. MVGR has developed interactive games to work with the device. Manufacturing of the electronics and IoT system has to be



carried out by MVGR in collaboration with AMTZ.

- MVGR along with ARAI has partnered with Ozran Scientific, a high-tech products and services company based in Brisbane, Australia as well as Griffith University, Australia that is involved in development of emission reduction systems for automobiles.

A proposal entitled Development of an Ultrasonic Diesel Particulate Emission Reduction System was submitted to the Australia-India Strategic Research Fund, a joint funding scheme operated by the Government of Australia and the Department of Science and Technology, India.

- Mr. Rajeshwar, working for General Electric pursuing PhD at the University of South Africa, Pretoria has set up research facility at MVGR for conducting experiments on sub-cooled boiling in order to estimate critical heat flux.

Dr G Venkata Ratnam, Professor, IITM has suggested the following:

Tapping Government Funds:

- Lots of money is available under “TEQIP” and other funds to enhance the standards of colleges
- Is the college using these opportunities as “Knowledge provider”?

As per the revised guidelines, the private Institutions are not eligible for TEQIP

Come up with a plan of action to overcoming the weaknesses and exploiting the strengths to move to the next Tier in the list of academic institutions of India

- It is resolved to evolve a plan of action to become Research Institution.

In short, move from “incremental improvements” to “Quantum jumps”

- Dr V Ravindra, DAA, JNTUK has suggested the following:

To focus on safety protocol and local problems

Obtain the statistics of affluent, solid waste and pollution norms of various local industries for analysis in collaboration with Pollution Control Board.

- The Institution has representation in the advisory board of PCB. It is resolved to identify the local industries to analyze the affluent, solid waste management practices and pollution norms and suggest the possible improved method for its effectiveness.

CPWD is having huge works for consultancy. The Institution should approach CPWD for possible collaboration.

- It is resolved to explore the possibility of collaborating with CPWD for possible collaboration.



- Dr Y V N K Murthy, Former Scientist, ISRO and Registrar, IIST, Trivandrum, has suggested the following:

Huge data is available regarding agriculture, weather forecasting, rainfall, availability of water, minerals, geometrics etc in Govt. websites. The faculty should analyze the data and give the impressions/ solutions by using IOT.

- It is resolved to shortlist the govt. websites and collect the data related to various problems. Constitute the teams with specialization / Multidisciplinary in nature to understand and analyze the problems holistically by using the available technology.

Military Engineering Services (MES) is outsourcing some works related to all disciplines to Technical Institutions.

- It is resolved to explore the possibility of getting some works from MES by constituting Multidisciplinary teams.

Reviewed and recorded

5-GB-13: MOUs

SL	Collaborating Organization	DoS MoU	Purpose
1	Geo Spatial Environmental Solutions (GES)	43831	To conduct research based collaborative and consultancy projects
2	University of Central Florida	12.06.19	To provide students the opportunity to pursue graduate education at UCF.
3	Maharaja Institute of Medical Sciences	29.04.19	To facilitate industry-institute interaction for technical advancement, to develop academic and industrial relationships and support collaborative research activities,
4	iKria Learning LLC	05.01.19	To perform collaborative research on IoT product development
5	APSSDC and Dassault Systems	14.11.18	To establish a 3D Center of Excellence and to provide industry and domain skills to students.
6	JNTU Kakinada	01.09.18	Signed as a part of Margdashan scheme of AICTE to facilitate the development of collaborative and mutually beneficial programs which serve to enhance the teaching pedagogy



7	CodeTantra Tech Solutions Pvt. Ltd	05.05.18	To make students employment ready in IT Sector
8	Novel Intellectual Property Rights Academy (NIA)	04.05.18	To create, develop and promote IPR Cell in the college
9	Benaka Technologies	30.5.2017	To establish a Biogas plant in the college
10	Andhra Pradesh Skill Development Center		To set up a technical center of excellence

Reviewed and recorded

5-GB-14: Recognitions/Accreditations/Approval Status: (a) NBA (b) NAAC(c) Autonomous

NBA ACCREDITATION

- All the 7 B.Tech. programs offered by the Institution were accredited by NBA

Program of accreditation		Status of accreditation					
		Cycle -I		Cycle -II		Cycle -III	
		Status	Years	Status	Years	Status	Years
1	B.Tech. CHEM	Accredited	3 Ys from 13.03.2009	Accredited	5 Ys from 01.07.2015	Accredited	5 Ys from 01.07.2015
2	B.Tech. CSE	Accredited	3 Ys from 10.02.2009	Accredited	3 Ys from 01.07.2015	Accredited	3 Ys from 01.07.2018
3	B.Tech. ECE	Accredited	3 Ys from 13.03.2009	Accredited	3 Ys from 01.07.2015	Accredited	3 Ys from 01.07.2018
4	B.Tech. EEE	Accredited	3 Ys from 10.02.2009	Accredited	3 Ys from 01.07.2015	Accredited	3 Ys from 01.07.2018
5	B.Tech. IT	Accredited	3 Ys from 10.02.2009	Accredited	3 Ys from 01.07.2015	Accredited	3 Ys from 01.07.2018
6	B.Tech. MECH	Accredited	3 Ys from 10.02.2009	Accredited	3 Ys from 01.07.2015	Accredited	3 Ys from 01.07.2018
7	B.Tech. Civil	-	NOT ELIGIBLE	Accredited	3 Ys from 01.07.2016	Accredited under Tier - I	3 Ys from 01.07.2019
8	MBA	Accredited	3 Ys from 04.01.2013	Accredited	3 Ys from 01.07.2019		

NAAC

	Cycle	Period	Grade
1	Cycle I	Five years from 15.06.2009	A
2	Cycle II	Five years from 03.03.2015	A



UGC - AUTONOMOUS STATUS

The institution was granted autonomous status by University Grants Commission (UGC) conferred by JNTUK - valid from 2015-16 to 2020-21.

Reviewed and recorded

5-GB-15: Empowerment / Outreach / Community Services:

The following empowerment /Outreach/Community services programs have been conducted.

- Youth – Rights and Responsibilities as Citizens by Dr. Jaya Prakash Narayana on 11-12-2019
- A Motivational Session on “Youth & Growth” by Dr. M. Hari Jawaharlal, IAS, District Collector on 8th January, 2020
- Chief guest of the day Mr. V. Lakshmana Reddy, chairman of State Level Prohibition Awareness Committee
- Dr. J. Ramesh, M.D., Neuropsychiatric, educated young minds on illusion, delusion, hallucination and their impact
- Smt. V. Lakshmi Rajyam Senior Civil Judge on Legal Awareness Program On Anti-Ragging – 25th June 2019
- Dr. A. Prasanth, Associate Professor of psychiatry, MIMS -Awareness program on Drug Abusing and Addiction- 26th June 2019
- Sri. Ravi Kumar, Member All India Out Reach Team, Bharat – Vishwa Guru by 2050 – 4th July 2019
- NSS MVGR Paada Yatra “150th birth anniversary celebrations of Mahatma Gandhi” – 15th Aug 2019
- Uniform Distribution to Students, MPP School Chintalavalasa
- Fruits Distribution at Premasamajam, Vizianagaram
- Blankets distribution to Blind School students
- “Medical Camp & Awareness Rally on Environment Protection” on 01-10-2019.
- "Unnat Bharat Abhiyan" project, MVGR 's CSE students developed "RaspBerry Pi " based computers with special software called "Bala Sweccha"
- Vice Principal,Dr.YMC Shekhar handed over systems to Raghumanda's Zilla Parishad High School.
- Blood Donation Camp on the eve of 70th birth anniversary of Dr. P.Ananda Gajapathi Raju, Ex. Chairman, MANSAS 11-12-2019
- Book distribution to Govt. School students Chelluru on the eve of 70th birth anniversary of Dr. P.Ananda Gajapathi Raju, Ex. Chairman, MANSAS 11-12-2019

Women empowerment cell activities:

- Dr C P Nandini (Assoc. Prof, Damodaram Sanjeevayya Law University) addressing the students on the occasion of International Women’s Day
- One day workshop entitled DARE (Defense Against Rape and Eve Teasing) on 22.08.2019



- International Girl Child Day
- Awareness programme on CIVIL safety to students on 23rd October 2019. Mrs. B.Raja Kumari, I.P.S. was the Chief Guest

Reviewed and recorded

5-GB-16: Proposals submitted to AFRC/ APHERMC, NIRF, AICTE

AFRC

Proposal submitted to AFRC for fixation of tuition fee for the block period **2019-20 to 2021-22**.

S.No	Name of the Program	Existing Fee (Rs.)	Proposed Fee(Rs.)
1	B.Tech.	82500	1,05,000
2	M.Tech.	65000	70000
3	MBA	50000	68000

NIRF

Application submitted to NIRF

AICTE

Proposals submitted for various faculty development / research programs

Sl	Principal Investigator	Title of Proposal	Scheme	Amount Rs.
1	Dr M K Naidu	Design Thinking and Product Innovation	FDP	7,05,000
2	Dr V Nagesh	AI Tools and Techniques	FDP	6,86,275
3	Dr K Ravi Kumar	Challenges and Solutions for smart cities using Internet of Things	STTP	5,00,000
4	Dr K Rakesh	Data Analysis using SPSS, AMOS and R	STTP	5,00,000
5	Dr B Srinivas	Machine Learning Application with R Programming	STTP	3,42,250
6	Sri K Ajay	National workshop on Industry 4.0	STTP	4,95,000
7	Dr S Chandramouli	Analysis of Water Distribution Networks using EPANET Software	STTP	4,70,000
8	Dr B Madhav Varma	Fault diagnosis of structural and machine components through noise and vibration analysis	RPS	20,91,000
9	Dr P Sudheer	Microstructural and Durability Investigations on Manufactured Coarse Aggregates for the Applications in Marine Environmental	RPS	23,17,647



5-GB-17: Minutes of Academic Council

- Dr Shiv Kumar, CEO, Mapple software, appreciated the faculty and students for active participation in MOOCs.
- Dr Shiv Kumar, CEO, Mapple software, has volunteered for Faculty and student internships.

Also, suggested the following:

- To develop MOOCs by internal faculty:

The Institution has already established digital studio for developing MOOCs. It is resolved to develop at least 6 MOOCs by internal faculty for the coming year.

- To develop the vocational courses content and provide training to the people in collaboration with NGOs to impart skills:

It is resolved to explore the possibility of collaborating with NGOs for vocational course content development and training to people for imparting skills.

- Dr Shiv Kumar, CEO, Mapple software, has suggested to collaborate with industry to strengthen the Industry Institute interaction.
- Dr I S N Raju, Retired Chief Engineer & Senior Project Manager, APHRDI, has suggested the following
:

To strengthen the consultancy:

- To apply for National Accreditation Board for Testing and Calibration Laboratories (NABL) for accreditation of the Laboratories.

It is resolved to examine and explore the possibility for accreditation by NABL.

- Dr. A Srinivasa Kumar, Scientist-G, NSTL, has suggested to ensure that the curriculum design is mapped with GATE syllabus.

Respective departments BOS already factored in the GATE syllabus in designing the curriculum.

BOS minutes of the departments of Civil, EEE, Mechanical, ECE, CSE, CHEM, IT, MBA, Mathematics, Physics, Chemistry and English were reviewed, recorded and ratified.

Minutes of Academic Council is reviewed and ratified.



5-GB-18: Correspondence received from regulating bodies JNTUK/ UGC/ AICTE/ APSCHE etc.

NBA:

- NBA Civil – File No: 11-84-2010-NBA, dated 06.03.2019 – Submission of processing fee
- NBA Civil – File No: 11-84-2010-NBA, dated 24.01.2019 – Visit of Expert Team DD
- NBA MBA – File No: 11-84-2010-NBA, dated 25.03.2019 – Accreditation status of MBA
- NBA Civil-Acknowledgement of Visit dates for application 3484-2/5/2019, dated.02.05.2019
- NBA Civil-Visit Confirmation mail for application no. 3484-30/01/2019, dated.09.05.2019
- NBA Civil – File No: 11-84-2010-NBA, dated 29.05.2019 – Visit of Expert Team
- NBA CHEM-Accreditation status of program applied, dated.01.08.2019
- NBA CHEM-Status of prequalifier submitted to NBA for Accreditation of Application no. 4319-08/11/2019, dated 23.11.2019
- NBA CHEM-Acknowledgement of Accreditation Fee, dated 23.11.2019
- NBA CHEM-Acknowledgement of Accreditation Fee (Second phase)-22.01.2020
- NBA CHEM-Acknowledgement of Visit dates for application 4319-25/1/2020, dated 25.01.2020

NAAC:

- NAAC- NAAC/LP/A&A-RAF-AU/2019, dated. 04.02.2019-Extension of validity period
- NAAC/DO/LP/A&A-RAF-AU/2019, dated. 18.02.2019-Extension of validity period
- NAAC/WH/Cert-AU/EC-82/040/2019/, dated. 12.04.2019-CCertificate

AICTE:

- AICTE EoA-F.No. South-Central/1-4267219259/2019/EOA, dated. 25-Apr-2019
- AICTE / AB/WR/EAT/2019-20 – Dated: 30-12.2019
- AICTE Social Media Communique-F.No. AICTE/VCM-CORRES/2020, dated 10.01.2020
- AICTE NOC-F.NO.4-6/AICTE-SCRO/FDR/NOC/2020/1-19574481/812, dated 06.02.2020
- AICTE-Conversion of PGDM Course into MBA Course-N.NWRO/AICTE/APH/2020-21, dated 10.02.2020
- AICTE-Fit India Movement in HEIs-F.No.1-104/AICTE/MHRD/FIT/2020, dated 13.02.2020

UGC:

- UGC-National Workshop on Autonomy to Colleges-No.F.1- 143/2018 (Autonomous / UGC-SERO), dated 21.01.2019

JNTUK:

- **07/01/2019** JNTUK - Examination Branch - Circular - Submission of Orthopedically Handicapped & Visually Challenged students details along with proofs - Reg.
- **27/02/2019** JNTUK - Examination Branch - Circular - Charges for cancellation of Marks Memo/PC/CMM in Adjustment of marks/Grace marks - Reg.



- 21/09/2019 JNTUK – Academic Planning- Approval to consider the best performance in a subject for 0.15% Adjustment of marks for the change of status from fail to pass

Reviewed and recorded.

5-GB-19: Budget proposal for the AY 2020-21

ABSTRACT- BUDGET 2020-21 (1st june 2020 - 31th may 2021)

Income head	Amount lakhs	Rs.
Total Budgeted income	3806.57	
Total budgeted Expenditure	4102.77	
Deficit	-296.20	
Deficit can be met from Depreciation Fund/ Bank loan		

Estimated Income break up for ay 2020-21

Income head	Amount lakhs	Rs.
Tuition Fee Receivable	3511.46	
Misc fee receivable	145.11	
Expected hike in Tuition fee	150.00	
Total Budgeted income	3806.57	

Proposed Budgeted Expenditure for the academic year 2020-21 (from june-2020 to MAY 2021)

S.NO	Expenditure head	Rs. in lakhs
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A	College Central Exp..	-
1	Campus Civil Works	-
2	Provision for Assets Replacement Fund (Depreciation Fund)	300.00
3	<u>Cost of General facilities operation:</u>	
3.1	Power & fuel	42.00
3.2	Insurance of Assets	1.00
3.3	Telephone charges	2.00
3.4	Vehicle operation & maintenance	5.00
4	<u>Central Assets maintenance</u>	
4.1	Civil maintenance & Plumbing	15.00
4.2	Mechanical maintenance	2.00
4.3	Electrical maintenance	3.00
4.4	Central e -Services	45.00
4.5		
5	<u>Affiliating / Mandatory/Statutory Exp..</u>	
5.1	AICTE/NBA/NAC appli., processing fee.	9.75
5.2	JNTU fee (infra& other fee)	75.00
5.3	VUDA (Infra approval charges)	145.00
5.4	Finance charges	0.25
6	<u>Salaries& contractual payments</u>	
6.1	Faculty and staff	2625.00
6.2	Sanitation,Housekeeping, Land Scaping, Garden maintenance, etc.,	115.00
6.3	Security,	42.00
7	<u>Professional services/ Logistics & Hospitality</u>	
7.1	A/c.ing and Audit	6.60
7.2	Legal advisory	0.75
7.3	Medical facility	0.25
7.4	Core advisory services	0.50
7.5	Transport facility to the senior professors.	9.90
7.6	Honorarium for invited talks	2.00
8	<u>Central Library Development</u>	
8.1	Cost of Books	0



8.2	Digital Library Subscription of AICTE e- journals.	30.00
8.3	print journals/magazines subscription	3.00
8.4	Gifts Books for invities, resource persons	1.00
8.5	Library maintenance	1.00
9	<u>R &D and faculty Development</u>	
9.1	a.R&D investment	1.76
9.2	b. Internal- R &D	1.76
9.3	d. financial support to student research projects	1.10
9.4	e. Research incentives -faculty	3.30
9.5	f. Center of excellance operations (siemens)	3.30
9.6	g. R & D centre maintenance	0.55
10	<u>Student activities</u>	
10.1	Academic awards	20.00
10.2	Student functions	10.00
10.3	Training & placement	10.00
10.4	NCC activities	1.00
10.5	NSS activities	1.00
10.6	Sports & Games.	5.00
10.7	Cultural Activities	2.00
10.8	Women Empowerment activities	1.00
11	<u>Promotional exp..</u>	
11.1	Advertisement/Magzine	15.00
11.2	Sponsorships/ contributions	5.00
12	<u>Office & Admn. exp..</u>	
12.1	Office maintenance	12.00
12.2	Academic Leadership Training	2.00
12.3	Hospitality to Guests/invities	1.00
12.4	Stationery	5.00
13	<u>General Aminities & Infrastructure</u>	
13.1	Furnishings	42.00
13.2	items other than Equipment	6.00
13.3	Software renewals (for admin.other than depts.)	2.00
13.4	<u>Employee welfare</u>	
13.6	Gratuity - (Annual subscription+ corpus contribution)	400.00
13.7	Employees Insurance	12.00
13.8	ESI contribution	8.00
14	<u>Institution Social Responsibility</u>	
14.1	MVGR Sujala Sravanthi Scheme (Warer supply scheme)	0.50



14.2	Adopeted villages welfare activities	1.00
B.	<u>Programme Dept. Allocations:</u>	
B.1	<u>Equipment/Software :</u>	
	a. Laboratory	0
	b.Office	4.00
B.2	<u>Dept .Laboratories Maintenance:</u>	
	a.Laboratory Cosumables	10.00
	b.Repairs	3.00
	c.Opearational cost	1.50
	d. MUO lab maintance	0.50
B.3	<u>Dept. Office maintenance</u>	
	a.Stationery	2.50
	b.E-copier maintenance cost	0.50
	c.Printers maintenance cost	0.50
	d. Other dept. maintenance cost	0.50
B4	<u>FACULTY DEVELOPMENT</u>	
	a. Seminars/conferences/workshops- proposed	4.00
	b Seminars/conferences/workshops- participation	9.00
	c. Internships	1.00
	d. Industrial visits	0.80
	e. Professional body registration - Institutional	1.20
B5	<u>STUDENT DEVELOPMENT</u>	
	a. participation in seminars /conferences/workshops	1.00
	b. Industrial visits	0.50
	c. Guest lectures/invited talks	1.50
B.6	<u>HOSPITALITY</u>	
-	a. Department meetings	0.50
	b.Parents meetings	0.20
	c.visiting guests	0.40
	d.Almin visits	0.40
	e..BOS meetings/ Advisory	3.00
B.7	<u>Dept. Libraray Maintenance</u>	
	a. Magzines/journals	0.75
	b.On line services- subscription/renewals	0.25
	Total Expenditure	4102.77

Reviewed and recorded.



The Way Forward:

- ☐ To broaden the scope of Career Guidance Cell.
- ☐ Increased engagement in training for National Level Competitive Examinations like GATE etc.,
- ☐ To work for improved core industry participation in placements.
- ☐ To work for enhanced engagement of Alumni.
- ☐ To progressively strengthen faculty and student engaged on MOOCs platform.
- ☐ To focus more on Industry networking and faculty interaction with outside world.
- ☐ To further strengthen Research and Consultancy.
- ☐ To work for IPRs & Patents.
- ☐ Enhanced engagement of students in community services.
- ☐ To become Residential Campus.
- ☐ To build Entrepreneurship / Innovation / Incubation / Startup eco system
- ☐ To build Auditorium and Guest House

5-GB-20: Any other item with the permission of the Chairman

Dr G Venkata Ratnam, Professor, IITM has shared the following:

Hierarchy / Ranking:

- Where is the college placed in the hierarchy of colleges in AP today?
- Where do we ideally want to be in say 5 years from now? What are the steps to be taken to reach there?
- Is it necessary to come up with a say “Vision 2025” and “Vision 2030” and start acting on it? If the answer is yes, is it better to engage external experts?
 - It is resolved to Come up with a “Vision 2025”

Peer Review:

- We at IIT Madras ask our Peers from Industry/R&D/Academia to review us and give us some suggestions every 5 years. This is different from Accreditation.
- Normally these reports “nudge” us to “think big” and plan for the future
- Would this be a model to consider?

SWOT analysis:

- What are the threats as well as opportunities due to
 - New developments in Jobs scenario



- Decrease in interest among general public to send their wards to Engineering Colleges for UG education
- New pan-India players establishing their colleges in Amaravati
- New developments related to AP Capital
- Is it necessary to do a SWOT Analysis?
 - It is resolved to do SWOT analysis.

At the end of the meeting, Dr K V L Raju, Member Secretary and Principal thanked all the Governing Body members for their presence and valuable suggestions.

Sd/-xxxxxx

(Dr. K V L Raju)
Member Secretary

Sd/-xxxxxxxxxx

(Sri P Ashok Gajapathi Raju))
Chairman

Maharaj Vijaya Ram Gopalathi Raj College of Engineering (A),
Vizianagaram, 21st Governing Body Meeting held in the
Institution Premises on 25/01/2019 at 11:00 A.M. The following
members were attended the meeting:

Members Present

- 1) Sri P. ANHOK Gopalathi Raj — chairman. *[Signature]*
chairman, MANSAS
Fort, Vizianagaram
- 2) Director & Regional Officer — AICTE nominee *[Signature]*
AICTE, Hyderabad.
- 3) Prof K. Chandramouli — State Govt nominee — *K. Chandramouli*
Professor of Physics
Andhra University, VSP.
- 4) Dr. P. D. Gupta — UGC nominee — *[Signature]*
Vice-Chancellor
Homi Bhabha National Institute
2nd Floor, BARS Training School complex
Anushaktinagar, Mumbai - 400094.
- 5) Dr. V. Ravindra — JNTUK nominee — *[Signature]*
Professor of Civil Engineering
JNTUK, Kakinada.

6) Prof. Amit Garg - Nominee
Chairman, Research & Publications
Chairman, Library Committee
IITM, Ahmedabad

7) Dr. A. Lakshmana Rao - Nominee
Former COO, Wipro
Domlur - 2nd stage
Bangalore

8) Dr. G. Venkatarathnam - Nominee
Institute chair Prof. M.S.
Dept. of Mechanical Engg.
IIT, Madras

9) Dr. V.N.N. Krishna Murthy - Nominee
Sr. Prof. M.S. & Registrar Technology
Indian Institute of Space & Research
Bangalore.

10) Sri V. Rajanna - Nominee from Industry
Vice-President & Regional Head
Global Head - Technology Business Unit
Tata Consultancy Services Limited
Hyderabad

11) Ms. P. Aditi Gopalathi Raju - Nominee
Member, MANAS Town-Board
Wizianagaram.

12) Sri P.L.P. RATH - nominee -

Near No. 5 Bungalow
Cantonment, Vizianagaram

~~11/11/21~~

13) Dr. G. Krishnam RATH - nominee - *G. Raghav*

Professor of Maths (Retd.)
College of Engg. Andhra University,
Vizianagaram.

14) Dr. P. Ravindranath - Dean (SP) - *Ravi*

Prof. of Mechanical Engg
MVGRCE (A), VZM

15) Dr. Y.M.C. Sekhar - VP (Ac) *Y.M.C. Sekhar*

WCE Principal (Academic)
MVGRCE (A), VZM

16) Dr. K.V.L. RATH - Member Secretary *K.V.L. Rath*

Principal & Correspondent
MVGRCE (A), Vizianagaram

**Minutes of meeting of Governing Body:**

A Meeting of the Governing Body was held on 25.01.2019 at 11.00AM in Conference hall, Admin. Block.

Members on Governing Body:

S.No.	Name	Designation	Position
1	Sri P.Ashok Gajapathi Raju	Chairman, MANSAS, Fort, Vizianagaram	Chairman
2	P Aditi Gajapathi Raju	Member-Trust board, MANSAS	Member
3	Dr.K.V.L.Raju	Principal & Correspondent, MANSAS	Member Secretary
4	Sothorn Regional Officer	SRO-AICTE, Hyderabad	Ex-Officio
5	Prof. Chandra Mouli	Professor of Physics, Andhra University, Visakhapatnam	Member
6	Dr.P.D.Gupta Director & Distinguished Scientist, Raja Ramanna Centre for Advanced Technology	UGC Nominee, New Delhi	Member
7	Dr.V.Ravindra	Professor of Civil Engineering, JNTUK, Kakinada	Member
8	Prof.AmitGarg	Chairman, Research & Publications, IIM, Ahmedabad	Member
9	Dr.G.KrishnamRaju	Professor (Retd.), College of Engineering, AU	Member
10	Dr.A.LakshmanaRao	Board Member, TRAINZ Consultancy	Member
11	Dr.G.Venkatarathnam	Professor of MECH, IIT, Madras	Member
12	Dr.Y.V.N.Krishna Murthy	Registrar, Indian Institute of Space Technology Bangalore	Member
13	Mr.V.Rajanna	Vice-President & Regional Head Global Head – technology Business Unit, TCS, Hyderabad	Member
14	Sri P.L.P.Raju	Ex-EC Member, Andhra University	Member
15	Dr.P.Ravindranath	DEAN (SP), MVGR	Member
16	Dr.Y.M.C.Sekhar	Vice-Principal(ACAD), MVGR	Member



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Sri P. Ashok Gajapathi Raju, Chairman (GB) chaired the meeting and Dr K V L Raju, Member Secretary, Correspondent and Principal welcomed all the members to the Fourth Governing Body meeting of MVGR College of Engineering after conferment of Autonomous status.

The following agenda was taken up for discussion:

- 1 Compliance to minutes of last Governing Body Meeting
- 2 Courses offered, additional Courses/Intake/Closure
- 3 Laboratory Infrastructure
- 4 Building Infrastructure
- 5 Human Resources
- 6 Learning Resources
- 7 FDPs conducted/to be conducted/Attended
- 8 Research and Higher Learning, Achievements
- 9 Student Performances (Academic, Extra, Co-Curricular Activities)
- 10 Awards/Scholarships/Sponsorships
- 11 Training & Placements
- 12 Funded Projects – UGC, AICTE, DST etc.
- 13 MOUs
- 14 Recognitions/Accreditations/Approval Status : (a) NBA (b) NAAC (c) Autonomous
- 15 Empowerment / Outreach / Community Services
- 16 Correspondence received from regulating bodies JNTUK/UGC/AICTE/APSCHS etc.
- 17 Compliance report for 2017-18 budget and Budget for AY 2018-19
- 18 Proposals submitted to AFRC, NIRF, DST
- 19 Any other item with the permission of the Chairman



The minutes of meeting:

4-GB-1: Compliance to minutes of last Governing Body Meeting

1. Sri P Ashok Gajapathi Raju, Chairman, MANSAS felt that the Institution may take lead in possible utilization of lab infrastructure built through SIEMENS and APSSDC

- The Institution in collaboration with SIEMENS and APSSDC facilitated skill development of about 1129 No. of participants from outside the Institution.
- Also, in line with the advise of Chairman, planned and organized specific training programs leading to certifications to the students of MVGR College of Engineering (A) by leveraging the skill development centre infrastructure

Branch	Name of the program	No. of Students Trained
Mech	Welding-Auto Two Wheeler	218
	SOLID EDGE	177
	Auto Two Wheeler	218
	CAE	20
	CNC	118
	PLM	25
	Robocad	74
Total		850

Branch	Name of the program	No. of Students Trained
EEE	Basics of PLC	61
	Basics of SCADA	58
	Basics of MECTRONICS	60
	Basics of Induction Motor	50
	Basics of AC DC Drives	40
	Certification Course on IoT	273
	Certification Course on Basics of PLC	61
Total		602

2. Dr G Venkararathnam, Prof. of Mechanical Engineering, IIT, Madras suggested through e-mail that Faculty Recruitment policy to be centered around wide foot prints/ National character.

- The Institution since the last 3 years, as a policy inviting candidate for recruitment only from IITs/NITs/Other Nationally Renowned Institutions.



- All 47 faculty recruited over the last 3 years are the candidate who have graduated from IIT/NIT/Various Nationally Renowned Institutions.
3. It was also suggested by the members to improve the learning resources and possible guidance for national level competitive examinations like GATE etc.
- The Institution is subscribing to online learning platforms like Btechguru along with printed material for GATE and other competitive examinations. Library and Computer labs are working upto 9 PM, to facilitate improved access and utilization of learning platforms.
 - The departments are actively mentoring and guiding potential candidates for national level competitive examinations. The outcomes are not very encouraging as yet. Therefore, they are further being strengthened for improved outcomes.
4. Dr G Venkatarathnam, Prof. of Mechanical Engineering , IIT, Madras expressed the following:
To ensure all future publications are in Scopus Indexed/ Journals with impact Factor and discourage faculty from publishing in paid Journals.
- The faculty are encouraged to publish the papers in Scopus Indexed/ Journals with impact Factor only. Accordingly the Research incentive policy has been modified. About 280 papers were published in reputed journals (SCI, Scopus, Web of Science), out of which 88 publications are with high impact factor.
5. Dr. A L Rao, Former COO, WIPRO, Bangalore expressed the following:
To establish and strengthen research focus on Industrial Specific area.
- Over the last one year the institution is consciously promoting faculty engagement with industry. Presently, the faculty are actively engaged in the following areas of research.
- | | | |
|--|---|--|
| <input type="checkbox"/> Renewable Energy sources | : | Dr. N. Ravi Kumar (Mech.),
Dr. Razzak (Chy.) |
| <input type="checkbox"/> Transportation Engineering | : | B. Ramesh Raju (Civil)
Rahul Reddy (Civil) |
| <input type="checkbox"/> Water resources engineering | : | Dr. S. Chandra Mouli (Civil)
Dr. R. Maheswaran (Civil) |
| <input type="checkbox"/> Soil mechanics | : | Dr. K. Rajeswara Rao (Civil)
B. Ramu (Civil) |
| <input type="checkbox"/> Structural engineering | : | Dr. P. Markandeya Raju (Civil)
S. Murali Sagar Varma(Civil) |



- ☐ Hadoop & Big data : Dr. V. Nagesh (IT)
B. Anjana Devai (IT)
- ☐ Software Engineering and : Dr. P. Srinivasa Rao (CSE)
Project Management Dr. P. Satish (CSE)
- ☐ Sales force, cloud computing : G.S.N Reddy (IT)
K. Sobha Rani (IT)
- ☐ Networking and security : Dr. Kalyan Chakravarthi(CSE)
: Dr. P. Ravikiran Varma(CSE)
- ☐ Social network analysis : Dr. G. Suvarna Kumar(CSE)
K. Sobha Rani(IT)
- ☐ AI, Machine learning : Dr. V. Nagesh (IT)
and deep learning. Dr. P. Srinivasa Rao(CSE)
- ☐ Micro Antennas : Dr. M. Satyanarayana (ECE)
Dr. G. Anjaneyulu (ECE)
- ☐ Embedded systems and IOT : Dr. R. Ramana Reddy (ECE)
K. Rakesh (ECE)
- ☐ Microgrid and Energy Audit : Dr. Sarath Kumar Sahu (EEE)
I Kranthi Kiran (EEE)
- ☐ Agri Produce and Food Processing: Dr. P. Ravindranath (Mech.)
P. Ranga Raju (Mech)

6. Sri P.Ashok Gajapathi Raju, Chairman, MANSAS, initiated discussion on student Academic performances in particular about those graduating with II Class. Also suggested to examine, explore and design systems for additional hand holding for improved academic performances

- Additional support is being given in the form of remedial classes and material support to the slow learners.
- The number of students graduated in II class has come down from 69 in 2016 -17 to 25 in 2017-18.

7. Sri P Ashok Gajipathi Raju, Chairman, MANSAS, in his remarks offered the following suggestions:

To factor in exposure/ Training to students on character building.

It was felt that the support of Ramakrishna Mission/ Brahma Kumari/ Isha Foundation may be sought.

- Guest lectures are being conducted on character building on a regular basis.
- This year the following programs were conducted
- Swamy Guneshananda of Ramakrishna mission addressed the students.
- As a part of Akhila Bharata Yuva Darshini Yatra, the spiritual awakening of youth program was conducted by Brother Ramakrishna of Brahmakumaris.



8. Also advised to explore the possibility of inviting yoga experts for student training.
 - Students are being provided with training support from Yoga practitioners. About 100 students underwent training by taking Yoga as an audit program
9. Sri P L P Raju Ex-EC Member, Andhra University Suggested to give increased emphasis on fine arts and encourage students to be active:
 - Student cultural clubs are factoring in various fine arts related activities like, Dance, Music, Painting, Singing, Crafting etc.,
10. Dr G Venkatarathnam, Prof. of Mechanical Engineering, IIT, Madras expressed to redefine and refine extracurricular training strategy.
 - Since 2017-18 the students are encouraged to actively take part in socially relevant community engagements as a part of NCC/ NSS/ CULTURAL programs designed for the purpose. The following community services / sensitization programs were conducted.
 - Blood Donation Camp
 - Health & Hygiene awareness camp.
 - Motivation - School Dropouts
 - Adult Education
 - Cashless Transaction

Further, the quality of engagement on sports and other activities has been improved.
The Number of students engaged on different extra curricular activities are given below

Cultural – 298	Sports – 483	Yoga – 99	NSS – 62	NCC – 28
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11. Dr G Venkatarathnam, Prof. of Mechanical Engineering, IIT, Madras expressed not to totally rely on IT based employment. Should workout alternative strategy for placement.
 - The Institution is networking with IT and core companies for placement. About 94 companies visited the campus during the AY 2017-18 out of which 44 are core companies.
 - In the current academic year, about 56 companies visited the campus out of which 22 are core companies.
 - Given the challenges involved in the campus based core company recruitments, the institution is actively engaging children on Industry internship which are gainfully being converted into potential employment opportunities.
12. Dr A L Rao, Former COO, WIPRO, Bangalore expressed to review overall job market situation and align accordingly training programs. Also suggested short term interventions like offering courses/ training on Artificial Intelligence, Machine Learning, Big Data and Data Analytics.



Being an Autonomous Institution, the following courses are being offered to the students.

- | | |
|----------------------------------|---------------------------------------|
| 1. Data Sciences & Analytics | 2. Artificial Intelligence |
| 3. Machine Learning | 4. Neural Networks and Soft computing |
| 5. Firewalls & VPN | 6. Cloud and utility computing |
| 7. Service oriented architecture | |

Reviewed and Recorded.

4-GB-2: Courses offered, additional Courses/Intake/Closure

Courses Offered

B.Tech. PROGRAMS

INTAKE

• Chemical Engineering	: 60
• Computer Science & Engineering	: 180
• Civil Engineering	: 120
• Electronics & Communication Engineering	: 180
• Electrical & Electronics Engineering	: 120
• Information Technology	: 60
• Mechanical Engineering	: 180

M.Tech. PROGRAMS

• Product Design & Manufacturing	: 18
• Data Sciences	: 18
• VLSI	: 18
• Computer Networks & Information Security	: 18
• Structural Engineering	: 18
• Power Systems	: 18
• Communication Systems	: 18

Other PG PROGRAMS

• Master of Business Administration	: 120
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Ph.D.

- Mechanical, Chemical, ECE & CSE
- EEE, CIVIL, MBA* & MATHS

Proposal for Closure of M.Tech Programs for the AY 2019-20

Programmes	Specialization	Intake
M.Tech (ECE)	Communication Systems	18



M.Tech (IT)

Data Sciences

18

- It is resolved to close M.Tech. (Communication Systems) & M.Tech.(Data Sciences) Programs from the AY:2019-20.

Academic programs offered by the Institution were Reviewed and recorded.

4-GB-3: Laboratory Infrastructure

The following new laboratory / Infrastructure has been established during the AY 2017-18 based on curricular changes, aging, Technological obsolescence and requirements of additional skill development.

Sl	Department & Laboratories (AY-2017-18)	Cost
1	Civil Engineering Survey, Engineering Geology, Environmental Engineering	22,88,661
2	Electrical & Electronics Engineering Electrical Machines & Power Electronics Labs	8,54,029
3	Mechanical Engineering Robotics & CNC lab	12,33,082
4	Electronics and Communication Engineering Digital & Analog Communications, ECAD, Microwave &	64,66,568
5	Computer Science & Engineering Godel Lab	11,01,356
6	Digital Library (120 Computer Systems)	48,00,000
Total Investment		1,67,43,69

Reviewed and recorded.

4-GB-4: Building Infrastructure

Existing Built up area

S.No	Name of the Building	Area (sft)
1	MECHANICAL BLOCK	49,453
2	CSE BLOCK	48,743
3	ECE BLOCK	47,936
4	EEE BLOCK	47,742
5	CIVIL BLOCK	63,011
6	PG BLOCK	33,173
7	ADMIN BLOCK	19,067
8	LIBRARY BLOCK	6,004
9	S & H BLOCK	5,423



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10	BANK	2,100
11	SRI GANESH TEMPLE	699
12	GENERATOR ROOM	678
13	GIRLS HOSTEL	65,195
14	MAIN GATE	2,098
15	AMENITIES	2,195
16	WORK SHOPS	33,162
17	SERVENT QUARTERS	1,614
18	CIVIL SF (Chemical)	21,004
19	OFFICE:	2,475
20	GIRLS HOSTEL-C BLOCK	18,260
21	OTHERS	15,645
22	Services Block (Guest Rooms)	2,250
23	Gym	6,600
24	Parking Sheds	1,000
	TOTAL	4,95,527

Built up area : 2017-18

S.NO	Name of the Building	Total Area (Sft)
1	Boys Hostel	1,65,000
2	Central Library	46,200
3	Bank	1,200
	TOTAL	2,12,400

Total Built Up Area = 7,07,927 sft

Proposed Built up area : 2018-19

S.No	Name of the Building	Area (Sft)
1	R&D BLOCK	32,000
2	Canteen FF	6,600
	Total	38,600

Reviewed and recorded

**4-GB-5: Human Resources****QUALIFICATIONS**

Ph.D.	75
Ph.D. (Submitted)	4
Ph.D. (Pursuing)	80
M.Tech. / PG	82
Others	4
TOTAL	245

CADRE

Professor	31
Assoc. Professor	40
Asst. Professor	170
Others	4
TOTAL	245

Reviewed and recorded

4-GB-6: Learning Resources

Magazines, Journals & Newspapers

Library:

Titles	Volumes	Average Users per Day	Area Sfts
18,351	41,755	325	9,329

PRINT JOURNALS		
NATIONAL	INTERNATIONAL	TOTAL
122	11	133

MAGAZINES	NEWS PAPERS
34	10

FACILITIES
EZ Proxy Server (to access e-journals from home)
Digital Library
Reprographic Facilities
DELNET Services
Automated User Service
Student Group Discussion Room



Digital Library

E-BOOKS

➤ McGRAW-HILL	365
➤ ASTM Digital Library	1700
TOTAL	2,065

E-JOURNALS

➤ IEEE -	161
➤ SPRINGER(EEE)	134
➤ SPRINGER (Mech.)-	46
➤ ASME (Mech.) -	36
➤ ASCE (Civil)-	34
➤ ELSEVIER (Science Direct)-	275
Total	686

ARTICLE DATABASE

➤ J-GATE Engg.	1763
➤ J-GATE Management	2128
Total	3891

E- Learning material

- NPTEL Web courses – 619 Subjects
- NPTEL GATE modules
- Video Courses – 110 (each 40 Hrs.)
- IUCEE Material : 1 Terabyte Hard disc
- NITTTR Material : 275 CDs on all subjects

Internet Bandwidth : 300 MbPS

Reviewed and recorded.



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4-GB-7: FDPs conducted/to be conducted/Attended

FDPs conducted / organized during the period (2017-18): 22

Dept	Name of the program	Date(s)	Resource persons with designation and Organisation
Civil	RRRRCE'17	04.08.2017 to 05.08.2017	Sri. P. Rama Raju, Professor, CBIT Dr. D. Rama Seshu, Professor, NITW
	MATLAB	28.08.2017 to 31.08.2017	Dr. R. Maheswaran, Associate Professor, MVGR Dr. S. Chandramouli, Professor, MVGR Mr. K. Anil Pradeep, Asst. Professor, MVGR
	2 day National Seminar on Structural Reliability (Funded by DST-SERB)	08.12.2017 to 09.12.2017	Dr. Sandeep Mirmire-Principle ACS Dr. Sayan Gupta, Professor, IITM Dr. S.K. Barai, Professor-IITK Dr. B N Rao, Professor-IITM Dr. KVG D Balaji, Professor-GITAM
	Applications of RS & GIS in Water Resources Engineering	27.03.2018 to 28.03.2018	Dr. A. Subhash Babu-RMSI, Hyd Mr. G. Gowtham-Kaiinos, Hyd
	MIKE SHE and MIKE FLOOD	31.10.2018 to 02.11.2018	Dr. Vikrant-DHI Sri. Vijay Singh -DHI

EEE	One Week FDP on "Power Electronic Applications for Renewable Energy and Electric Vehicle"	04th – 9th December, 2017	Dr. S G Kadwane, Professor EEE Department, Nagpur University
			Mr Raveendhra, CEO, Arka Energies and Arka team
			Dr M.K.Pathak, Professor, EEE Department IIT Roorkee
			Dr. B. L. Narasimha Raju, Professor EEE Department, NIT, Warangal
	Faculty Development Program on "Power Electronic Applications in Power Systems (PEAPS-2K18)"	17th - 22nd December 2018	Dr. A.K.Panda Professor NIT, Rourkela
			Dr. K.Shiva Kumar Professor IIT - Hyd
			Dr. C.N.Bhende Professor IIT, BBS
			Dr. A.Jayalaxmi Professor JNTUH, Hyd.
			Dr. P.Chandra Sekhar Professor IIT, BBS
			Dr. G. Gurunath Professor IISc,



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			Bangalore
			Dr. N.Jayaram Professor NIT, A P
	Two Day National Workshop on Mechanical and Electrical Architecture of CNC Machine Tools-	12th & 13th June 2017	Manjunatha Swamy D C , Senior Engineer , Design & Development Division, ACE Designers Ltd.
	Smart and Emerging Materials, SEM-17"	08th Dec & 09th Dec 17.	Dr M Ramji IIT-Hyderabad, Dr R Vijay ARCI, HYD, Dr K Venkateswarlu Principal Scientist, CSIR-NAL, Bangalore Dr B Ravi Kumar
	Dragonite, Intra Dept Fest	Feb 9th to 10th 2018	
Mech	T Day National Workshop on 'EDGECAM'-2018	27th&28thAPR2018	1. Mr. Vignesh Raj, Application Engineer, Applications department, Kriatec Services (p) limited, Chennai, TN 2. Mr. K. Ajay, Asst. Prof, Dept of Mech Engg, MVGR College of Engg (A), Vizianagaram, AP
	One Day Workshop on Auto CAD & Fusion 360	22nd Sep 2018	Mr Vijay, Mr Venu Auto CAD India Ltd
	Three Day Work Shop On 'Non Destructive Testing'	8th -10th Sep - 2018	1.Mr SRIHARI RAJU ,BITS NDT,VSP
	5-day Faculty Development Program on Hybrid & Electric Vehicle Technologies (HEVT'2018)	11th - 15th December 2018	1.Prof. K.Munshi, Director, IIT-B, Ind. Design Centre. 2. Dr. Somnath Sengupta, Asst. Professor, IIT Kharagpur 3. Mr.Yogesh Nagendrian, Renault Nissan 4. Mr.Rajendra Khile, Dy.General Manager, Product Engineering EV Charging Systems 5. Mr. G.Nischal 6.Dr.M.Venkateswarlu, AGM, Amara Raja Batteries Technology Centre, 7. Prof.C.S.Shankar Ram, Professor in Engineering Design, IIT Madras 8. Mr.Suroju Ramakrishna,Manager R&D, Renault Nissan 9. Mr.Nagraj Kannan Dharma Sai Motors, Chennai 10 Dr.Simhachalam Juttu, Deputy General Manager, ARAI, Pune 11.Dr.M.V. Uchgoankar, Head (HR) & Deputy Director, ARAI, Pune



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			12.Dr N.H. Walke, Deputy Director,ARAI, Pune
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ECE	Workshop on Design and Analysis of Antenas using HFSS (WAAH-17)	20th to 22, July-2017	Entuple technologies Pvt. Ltd, Bangalore
	Workshop on Advanced Antennas and Applications (WAA-17)	28th to 2nd, December-2017	Dr. K. Sudhakar Rao Dr. Debatosh Guha Dr. M. Lakshminarayana Dr. N V S N Sarma Yogesh K. Verma, Dr. Chandrakanth Kumar Dr. A. R. Harish Dr. T. Shanmuganantham Prof. G. S. N Raju Dr.Abraham Verghese Dr.Puneet Kumar Mishra
	Training Program on Internet of Things	March 30 to April 05, 2018	EasyARM Pvt.Ltd, Bangalore.
CHE	Fuel Cell Technology – Opportunities & Challenges	29.09.18	1. Dr. Akhila Kumar Sahu, Scientist, Central Electrochemical Research Institute (CECRI), Madras Unit, Chennai. 2. Dr. Santosh Kumar D. Bhat, Senior Scientist, CSIR, Chennai. 3. Sri. P.V.S. Ganesh Kumar, Scientist 'G', NSTL, Visakhapatnam.

CSE & IT	Applied Cryptography	14 - 19 Nov 2017	Dr. R Padmavathy, Assoc. Prof., NITW Dr. Santanu Chaterji, Scientist, DRDO Dr. Amit Kumar Gupta, Scientist, DRDO Mr. Vinod Kumar Mathor, Scientist, DRDO Dr. K Ravi, Prof., IDRBT-Hyd
MBA	Niryat Bandhu, Foreign Trade on Exports and imports	20.11.2018	Dr. B. Punnam Kumar, Asst Director, Director General of Foreign Trade(DGFT), Visahapatnam Mr. J Sudhakar,Manager,ECGC, Visahapatnam Sri. V Venkata narayanan ,Chief manager-State Bank of India Mr. M. Ravi sankar,ELITE Logistics, Visakhapatnam
	Leading and Managing People-Centred Change	15 & 16 December 2017	Mr. AVS Ramesh, Hyundai Motors, AGM (HR) Mr. Euisung Yoon, Director (HR & GA),



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			Hyundai Motors Dr. R. Ravi Kumar, Professor, IIM-B Mr. MV Subba Rao, Manager-HRD, Vaibhav Gems & Jewellers (P) Ltd. Mr. G. Roop Kumar Raju, Head (T&D), Ctrl S Data Center Services Ltd. Ms. P. Sirisha, Manager (HR), Calliduscloud Mr. Subrata Patra, Manager (HR), Mroads Mr. Arindam Das, Senior Vice-President, Pratian Technologies
	MDP on GST	17.07.2017	Sri .N.Srinivasa Rao –Joint Commissioner tax Prof.Lakshmi pathi Raju –Retd.Professor (AU) CA.Ramakrishna Sangu-Chatrman taxation Committee –AP Chamber

FDP Proposals (2018-19) : 6

S.No	Dept	Name of the Program	Proposed Date
1	CIVIL	2 day International conference on Sustainability Design of Structures	Feb-19
		14 days Training programme on Sustainability Systems and Structures	Mar-19
2	MECH	Latest Trends in Mechatronics Systems	04th to 05th May 2019
3	EEE	A one week FDP on Real Time applications of Micro Controllers in Electrical Engineering	18th to 23rd May 2019
4	CSE & IT	STTP on Artificial intelligence using R programming	April last week or May first week – 2019
		Deep learning techniques and tools	3 rd week of March - 2019
		AI & ML/DL	May-19
5	ECE	Workshop on biomedical image processing	4 th week of April , 2019
6	Chem	Chemical Conference- Green Technologies	May, 2019

- Number of FDPs attended by Faculty: 373
- GIAN Courses attended by Faculty : 84
- Number of MOOCs done by Faculty: 131



MOOC's Toppers List

S.No	Name of the Faculty	Subject	Standing
1	Dr Madhava Varma Budharaju	Strength of materials	Topper of 1%
2	K Sobha Rani	The Joy of Computing using Python	Topper of 1%
3	Adduru U G Sankararao	Digital Circuits	Topper of 1%
4	Uppalapati Naga Subhadra Devi	Digital Circuits	Topper of 1%
5	Pasumarthy Srikanth	Digital Circuits	Topper of 2%
6	Bodala Ramu	Foundation Engineering	Topper of 5%
7	B. Srinivas	Digital Circuits	Topper of 5%
8	Dr. Shaik Mastan Vali	Digital Circuits	Topper of 5%
9	Muddada Laxmi Prasanna Rani	Digital Circuits	Topper of 5%
10	Dr. D. Rama Devi	Digital Circuits	Topper of 5%
11	Sudhansu Sekhar Behera	Digital Circuits	Topper of 5%
12	Ashok Kumar Adepu	Digital Circuits	Topper of 5%

- **Number of Publications: 280**
- **Number of Publications with impact factor : 88**
- **Faculty Internships : 74**
- Dr. G.V.Ratnam, Professor, IIT-Madras is suggested the following:
 - MOOCs shall be prepared by the faculty and the access should be given to the students for their self-paced learning
 - It is resolved to develop MOOCs by faculty and shall be kept in intranet/internet.
 - Explore the possibility of training to the faculty who are developing MOOCs, at Teaching Learning Centre, IIT Madras.
 - It is resolved to short list the faculty who are developing MOOCs and provide training by Teaching Learning Centre, IIT-Madras.

Reviewed and recorded.

4-GB-8: Research and Higher Learning, Achievements

Ph.D. awardees 2017-18

S.No	Name of the Faculty	Designation	Department
1	DR. D. RAMA DEVI	Professor	ECE
2	DR. P U KANTHI PRABHA	Assoc. Professor	ECE
3	DR. V. LAVANYA	Asst. Professor	ECE
4	DR. M. KANNAM NAIDU	Assoc. Professor	MECH
5	DR. R S U M RAJU	Assoc. Professor	MECH
6	DR. C. VEERABHADRA	Professor	CSE



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7	DR. P. RAVI KIRAN	Assoc. Professor	CSE
8	DR. G V S K REDDY	Assoc. Professor	CHEM
9	DR. B.V. RAMANAIAH	Asst. Professor	CHEM
10	DR. M. KIRAN	Asst. Professor	MATHS
11	DR. CH. GOPALA RAO	Asst. Professor	MATHS
12	DR. P. SUDHEER	Asst. Professor	CIVIL
13	DR. K.V. RATNA KUMAR	Asst. Professor	ENGLISH
14	DR. YOGENDRA PATNAIK	Asst. Professor	EEE
15	DR. P. SRINIVASA RAO	Assoc. Professor	IT
16	DR. G.V.S.R. PAVAN	Asst. Professor	CHY.

Ph.D. Thesis Submitted 2017-18

S.No	Name of the Faculty	Designation	Department
1	MR. M.VINODH KUMAR	Asst. Professor	ECE
2	MRS. B.LAVANYA	Asst. Professor	ECE
3	MRS. G. VIMALA	Asst. Professor	ECE
4	MRS. V. JYOTHI	Asst. Professor	IT

Faculty sponsored to pursue full time Ph.D.

S.No	Name of the Faculty	Designation	Dept	Institute/ University
Joined in the year 2017-18				
1	N.MURALI KRISHNA	Asst. Professor	MECH	NIT- Trichy
2	G. PRAMODH KUMAR	Asst. Professor	MECH	NIT- Trichy
3	K.RAVI KUMAR	Asst. Professor	MECH	NIT- Trichy
4	B. PRAVEEN SAI	Asst. Professor	ECE	IIT- Hyd.
5	T. SUDHAKAR	Asst. Professor	EEE	IIT-Mumbai
Pursuing				
6	CH. RAVI SANKAR	Asst. Professor	CIVIL	IIT- Kharagpur
7	B.V JOGA RAO	Asst. Professor	CIVIL	IIT- Kharagpur
8	T. P. SRIJANI	Asst. Professor	CIVIL	Andhra University
9	D.MALLIKARJUN	Asst. Professor	CSE	IIT Chennai
10	D.ANTHONY	Asst. Professor	CSE	IIT Chennai
11	H. SUDHA	Asst. Professor	ECE	Andhra University
12	VSM SRINIVASA	Asst. Professor	ECE	IIIT (D&M)

- Dr.R.Maheswaran, Associate Professor of Civil Engineering got “**Best Researcher Award**” by JNTUK, Kakinada for the year 2017-18



- Faculty recognized as Research Supervisors by JNTU-K - 36.

S.No.	Name of the Dept.	No. of Faculty recognized as supervisors
1	CIVIL	02
2	EEE	03
3	MECH	08
4	ECE	05
5	CSE	07
6	CHEM	06
7	IT	01
8	MBA	02
9	Maths	01
10	Chemistry	01
Total		36

Dr. P. Ravindra, Professor of Civil Engineering, JNTUK –

- Expressed that consultancy works of government agencies shall be given to government Institutions only.
Also, suggested:
- To explore the possibility of consultancy for local industries.
- It is resolved to strengthen the networking with local industries, subsequently explore the possibility of supporting the technical aspects of the problems faced by local Industries.

Reviewed and recorded.

4-GB-09: Student Performances (Academic, Extra, Co-Curricular Activities)

Academic Performance 2014-18 Batch

Branch	Appeared	Awarded	Distinction	I class	II class	Pass Class	Pass %
CIV	141	113	37	74	2	0	80.14
EEE	134	110	60	49	1	0	82.09
MECH	218	201	137	62	2	0	92.20
ECE	212	174	96	69	9	0	82.08
CSE	197	175	88	81	6	0	88.83
CHE	57	40	25	12	3	0	70.18
IT	57	45	28	15	2	0	78.95
TOTAL	1016	858	471	362	25	0	84.45
Overall%		84.48	54.90	42.19	2.91		



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Autonomous Results

B.Tech (2015 Batch)	Overall Pass %
I Semester	65.22
II Semester	69.31
III Semester	66.63
IV Semester	75.30
V Semester	66.70
VI Semester	81.42
VII Semester	88.69
B.Tech. (2016 Batch)	
I Semester	73.34
II Semester	67.09
III Semester	71.78
IV Semester	69.89
V Semester	70.52
B. Tech. (2017 Batch)	
I Semester	70.91
II Semester	72.56
III Semester	66.37
B. Tech. (2018 Batch)	
I Semester	72.45

Certification Programs 2017-18

In addition to training on curriculum, the Institution encourages the students to actively engage in activities for skill development, learning new tools etc., About 2236 students from various departments underwent training leading to certification by collaborating industry partners.

☐ Civil

Name of the certification program	No of students
Basics of Remote Sensing	3
GIS & GNSS	15
Add on programme on “ Analysis of pipe networks using EPANET”	22
Add on programme on “Auto CAD for Civil Engineers”	22
Analysis and Design of multi stored buildings	15
Applications of DGPS	65

☐ EEE

Name of the certification program	No of students
Certification Course on Basics of PLC	61



Certification Course on Basics of SCADA	58
Basics of MELECTRONICS	60
Basics of Induction Motor	50
Basics of AC DC Drives	40
Certification Course on IoT	273

☐ Mech

Name of the certification program	No of students
APSSDC-Welding-Auto Two Wheeler	218
APSSDC-SOLID EDGE	177
APSSDC-Auto Two Wheeler	218
APSSDC-CAE	20
APSSDC-CNC	118
APSSDC-PLM	25
APSSDC-Robocad	74

☐ ECE

Name of the certification program	No of students
NI LabVIEW	62
Internet of Things	30

☐ CSE & IT

Name of the certification program	No of students
CCNA R&S	169
Linux Essentials	88
C Programming	205
C++	7
IoT	36
Python	86
CyberOps	15
Discrete Mathematics	4

Number of Student Internships: **1389**

With a view to give student comprehensive and enhanced learning experience and also as a part of finishing school, students are encouraged to take active part in industry internships. During the academic year 2017-18, **1389** students have participated.

- Also, **104** technical paper presentations were made by the students in various competitions during the AY 2017-18
- The Institution has invited experts from industry to deliver guest lectures and seminars. During the AY 2017-18, **65** such programs were conducted.



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Student participation in MOOCs: 431

MOOC's Toppers List

1	Akella Venkata Ram Karthik	Advanced Concrete Technology	Topper of 1%
2	Adidam Kameswara Ramakrishna	Advanced Concrete Technology	Topper of 1%
3	Velamuri Venkata Ramavidya Sagar	Problem Solving through Programming in C	Topper of 1%
4	Naralasetty Manish Kumar	Programming, Data Structures and Algorithms using Python	Topper of 2%
5	Dantuluri Roshini	Technical English for engineers	Topper of 2%
6	Majji Vinay Kumar	Programming, Data Structures and Algorithms using Python	Topper of 5%
7	Marupalli Naveenkumar	The Joy of Computing using Python	Topper of 5%
8	Tulluri Venkata Ramana	Developing Soft Skills and Personality	Topper of 5%

Institutional Sponsored Student projects National level competitions

S.No	Name of the Team	Vehicle	Sponsored amount in Rs.	Organized By	Position	Awards
1	TEAM AADHYA 3.0 2018	Design, analysis and fabrication of Go Kart	95,300/-	Sieger Pro karting Championship 2018, Aditya Institute of Tech - Surampalem	8/40	Only Girls team (16) represented at National level event
2	Team Atom 2018	Design, analysis and fabrication of E-bike	1,39,686/-	E- Bike racing challenge by AMT Motor Corporation-BVRIT, Hyd	2/30	First prize in Business Plan event

Extra - Curricular Activities

Sports Facilities

- Cricket Ground
- Pavilion with Gym
- Basket Ball Court
- Volley Ball Court
- Kho Kho Court



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List of students - represented JNTUK – 2017-18

S.No	Name of the Student	Game	Year/ Branch
1	Mr.T.S.R.Durga Prasad	Cricket	4/4 CSE
2	Mr.G.Eswar Prasad	Cricket	3/4 ECE
3	Mr.R.Rakesh Varma	Hockey	3/4 CIVIL
4	Mr.K.Gowri Shankar	Volley Ball	3/4 CIVIL
5	Mr.Manoj Datta	Volley Ball	4/4 EEE
6	Mr.Dinesh	Shuttle Badminton	1/4 CSE
7	Mr.Lokesh	Chess	3/4 EEE

List of students - represented JNTUK – 2018-19

S.No	Name of the Student	Game	Year/ Branch
1	D. Sridevi	Kho-Kho	2/4 ECE
2	K. Bharathi	Volley Ball	2/4 EEE
3	V. Dinesh Kumar	Badminton	2/4 CSE
4	M. Lokesh Kumar	Chess	3/4 EEE
5	P. Jeevan Kumar	Handball	4/4 Chem.
6	T. Jashwant	Roller Sports	4/4 Mech
7	D. Sai Varun	Roller Sports	4/4 Mech

- College Volley Ball Team - Winner of JNTUK 'A' Zone Inter Collegiate Tournament conducted on 27th & 28th January, 2018 – Conducted at Vignan Institute of Technology, Duvvada, Visakhapatnam.
- College Shuttle Badminton Team - Winner of JNTUK 'A' Zone Inter Collegiate Tournament conducted on 27th & 28th January, 2018 – Conducted at Vignan Institute of Technology, Duvvada, Visakhapatnam.
- College Basket Ball Team – Runner of JNTUK 'A' Zone Inter Collegiate Tournament scheduled on 27th & 28th January, 2018 – Conducted at Vignan Institute of Technology, Duvvada, Visakhapatnam.
- T.Saketh, 2/4 CSE – Gold Medal for Body Building in JNTUK Inter Collegiate and Mr.Visakha Body Building Championship in Visakha Utsav, Visakhapatnam.
- Mr.M.Vykunta Rao, Asst. Prof. in Physical Education has selected as Coach for JNTUK Cricket Team.
- Lt.A.Ramachandra Raju, Asst. Prof. in Physical Education has selected as JNTUK University Volley Ball Team Selection Committee Member and Coach for JNTUK Volley Ball Team.



Cultural

- Mr. Shaik Ishaq Vali (Civil 4th year) is one of the singers for movie 'Naruda Donaruda'.
- Ms. Sireesha (IT 3rd year) - Selected Indian Idol among top 40 and as a 'Duo' with her sister in Rising Stars show in Colors Channel.

NCC

- NCC Unit – 100, 'B' Certificate - 45; 'C' Certificate - 35; Mr.N.N.Prasad , 4/4 CSE and Mr.S.VAMSI 3/4 MECH - Best Cadets

NSS

- 12 Programmes 100 Volunteers enrolled; Venkatesh, 4/4 CSE , Rasajna Varma, 4/4 IT and Santosh, 4/4 Civil– Best Volunteers
 - For the academic year 2017-18 – 650 Units of Blood donated
 - Best Blood Donation Camp - District level award - by Red Cross Society
 - Best Blood Donation Camp - District level award - by M.R Blood Bank
 - Adopted Villages: Chintalavasala & Boddavalasa – actively participated in empowerment programs and also supported and conducted plantation program Boddavalasa School
 - Facilitated Skill Development Training to around 20 unemployed village youth
- Sri. P. Ashok Gajapathi Raju garu, Chairman, Expressed the following
- Communication skills are very important to the students and suggested to design a system to improve the communication skills of the students.
 - It is resolved to strengthen the activities related to the communication skills for improved performance of the students

Dr.G.V.Ratnam, Professor, IIT-Madras and Dr. P. Ravindra, Professor of Civil Engineering, JNTUK suggested

- To reduce the credits from 180 to 160 in line with the AICTE model curriculum.
- To focus on community based projects
 - It is resolved to consider the implementation of 160 credits from the AY: 2019-20
 - Also resolved to increase the number of community projects which are relevant to the society.

Dr. A. L. Rao, Former COO, Wipro & Board member TRAINZ Consultancy suggested the following:

- To strengthen the student club activities
 - It is resolved to further strengthen the student club activities at department level by planning and implementation of co-curriculum (Technical quiz, Paper presentations, etc.,) and extra curriculum activities.
- To explore the possibility of introducing Artificial Intelligence and Machine learning course to all branches.



- It is resolved to consider possible introduction of Artificial Intelligence and Machine learning course to all disciplines.
- To offer certification program on Data Sciences for a period of 3 to 6 months.
 - It is resolved to explore the possibility of offering certification program on Data Sciences.
- To design and offer skill development programs relevant to local community.
 - It is resolved to explore the possibility of offering skill development programs to local community.
- To encourage all the students to participate in co-curricular and extra-curricular activities.
 - It is resolved to evolve mechanism for increased engagement of students in co-curricular and extra-curricular activities.
- To develop a platform for online interaction with students
 - It is resolved to develop a platform for online interaction with students.
- To focus on remote internships (Software and Hardware) to students.
 - It is resolved to increase the engagement of students on remote internships.
- P. L. P. Raju, Ex. EC Member, AU and Dr. P. Chandra Mouli, Professor of Physics, AU, suggested to explore the possibility of introduction of social science courses..
 - It is resolved to explore the possibility of introducing the courses related social sciences like constitution of India, etc.,
- Dr. P. Ravindra, Professor of Civil Engineering, JNTUK and P. L. P. Raju, Ex. EC Member, AU suggested to design a platform for students to work in teams and also conduct group discussions.
 - It is resolved to further strengthen the activities related to team work and group discussions.
- Dr. G.V.Ratnam – Expressed the following
Students shall be encouraged to do 2, 3 and 4 weeks MOOCs
 - It is resolved to encourage the students to do 2, 3 and 4 weeks MOOCs
- Suggested to introduce fractal academics.
 - It is resolved to explore the possibility to introduce 1 credit course as fractal academics.

Reviewed and recorded.



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4-GB-10: Awards/Scholarships/Sponsorships

Motivational Initiatives

All the meritorious candidates securing top ranks in their respective classes are awarded academic awards :

- An amount of Rs.35,000/- cash award for I ranker from each class
- An amount of Rs.23,333/- cash award for II ranker from each class
- An amount of Rs.11,667/- cash award for III ranker from each class

Amounts given as cash awards for the academic year 2017-18 :

S.No	Program & Year	Number of Students	Amount (Rs.)
1	I B.Tech.	15	3,96,666
2	II B.Tech.	15	3,96,666
3	III B.Tech.	15	3,96,666
4	IV B.Tech.	14	77,764
5	M.Tech.	5	50,000
6	MBA	2	45,000
TOTAL		68	13,62,762

- We place sincere thanks and appreciation to Dr. D. R. Prasad Raju, Dean F.D. for sponsoring Rs. 1,00,000 towards financial assistance to poor students.

Medals Instituted

SL	Institutional Medal	Dept.
1	Dr. P. Anand Gajapathi Raju Memorial Gold Medal	Overall topper
2	Maharaj Anand Gajapathi Raj Memorial Gold Medal	CHEM
3	Dr. PVG Raju Memorial Gold medal	CIVIL
4	Maharaj Alaknarayan Gajapathi Raj Memorial Gold Medal	CSE
5	Maharani Vidyavati Devi Memorial Gold Medal	ECE
6	Maharani Urmila Devi Appalakondayamba Memorial Gold Medal	EEE
7	Maharani Lalitha Kumari Devi Memorial Gold Medal	IT
8	Maharaj Vijayram Gajapathi Raj Memorial Gold Medal	MECH
9	Rajkumari Sucharitha Gajapathi Raju Memorial Gold Medal	MBA
10	Maharaj Narayana Gajapathi Memorial Gold Medal	MCA
Sponsored Medals		
11	K.Vani Manasa Memorial Medal	CSE
12	Prof B Harinarayana Rao Memorial Medal	EEE
13	Prof. G J V J Raju Foundation Medal	CHEM
14	Gumpina Praneeth Kumar Memorial Medal	IT

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4-GB-11: Training & Placements

Student placements 2017-18

S. No	Company Name	No of Selects	S. No	Company Name	No of Selects	S.No	Company Name	No of Selects
1	Commvault	1	33	TCS	9	6	Hetero Drugs	12
2	Soliver Labs	1	34	NALSOFT	1	6	CHEYSAR	1
3	BYJUS	3	35	Value	1	6	Convey	1
4	Elevate	1	36	Mindtree	1	6	CP Aquaculture	1
5	HSBC	1	37	AD3i Systems	1	6	Honey Well	1
6	Hansa	6	38	SYNTEL	1	7	Lotus Wireless	1
7	Soctronics	11	39	Kelly	2	7	Precision Infra	1
8	Glenwood	1	40	Kriti Digitech	1	7	Precistat	1
9	Mordor	11	41	Vasudhaika	2	7	Yoma Business	1
10	Triveni	2	42	Buildmate	4	7	Iquantela	1
11	Infor	16	43	Gigacom	2	7	BSCPL	5
12	Go Speedy	89	44	Virtusa	7	7	Columbus	5
13	ADP India	3	45	Click Labs	1	7	Shri Ram	4
14	Apps	3	46	Unistring	5	7	BIG Apple Life	1
15	Dixon	1	47	Multiplier	8	7	Varun Motors	1
16	Nagarro	1	48	Cloud 4C	1	8	Conduira	1
17	Progility	1	49	Pinnacle	3	8	Raster	4
18	embed UR	2	50	Concrete IO	2	8	HR Square LLP	4
19	Solenis	4	51	Biznus Soft	1	8	eZone Security	3
20	Broadcom	1	52	Just Dial	15	8	Tech Mahindra	2
21	Bosch Ltd	11	53	JCB Service	15	8	ABIS Exports	1
22	Kalpataru	13	54	Amzur	1	8	ANR Food	1
23	Efftronics	2	55	FACTSET	2	8	Axiom IO	9
24	Celebal	1	56	Naval	1	8	Trimax Bio	7
25	Hyundai	9	57	Talli Godavari	14	8	Krikamit	3
26	Liquid Hub	7	58	VEM	5	9	Abhra Inc	15
27	UX Reator	3	59	Solivar Labs	5	9	KMV Projects	3
28	Deccan Fine	3	60	Just Dial	1	9	TAVISCA	7
29	Infosys	41	61	Optimus	9	9	Genpact	1
30	Cognizant	7	62	Vijay	9	9	Opulentus	1
31	TCS	5	63	Sandeep	2	Total		510
32	CtrlS	3	64	Honey Group	14			

*Total Companies Visited : 111

* Core Companies : 46

* IT Companies : 65



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Student placements 2018-19 (upto 24.01.2019)

S.No	Company Name	No Placed	S.No	Company Name	No Placed
1	Capgemini	189	23	MSK Consultants And	3
2	TCS Ninja	21	24	Wipro	3
3	HR Square LLP	17	25	SciTech Patent Art Services	3
4	Axiom IO	13	26	Raster Technologies	3
5	Infosys	13	27	Innovate Apps	3
6	Lotuswireless	12	28	MAQ Software	2
7	Trimax Bio Scienced	10	29	Medha Servo	2
8	Unistring Tech	9	30	UX Reactor	2
9	Soctronics	9	31	Jytra Technology Solutions	2
10	CtrlS	8	32	Red Solar	2
11	LiquidHub	7	33	WTT Technology Solutions	2
12	Glenwood Systems	7	34	ADP India	2
13	Spyry Technologies	6	35	MAQ Software	2
14	Syntel	6	36	Asahi India Glass	2
15	Aclara	6	37	Elevate (Khazana Group)	1
16	Inlight Data	6	38	Efftronics	1
17	Mu- Sigma	5	39	Report Garden	1
18	Solenis	5	40	Mindtree	1
19	TCS CodeVita	5	41	Sopra Steria	1
20	TAVISCA	4	42	Shri Ram Panels	1
21	Hyundai Mobis	4	43	Kreeti Technologies	1
22	Nine Leaps	4	Total		406

Total Companies Visited : 57

Core Companies : 22

IT Companies : 35

Industry / service partners in training

SL	COLLABORATING ORGANIZATION	Date of Start of MoU	STATUS	PURPOSE
1	Tata Consultancy	29.04.17	Active	Academic Interface
2	CYIENT	23.12.16	Active	Campus and Pool Campus
3	Internshala	17.11.16	Active	Providing Internships to
4	Conduira	24.04.17	Active	Providing CRT and
5	Code Tantra	08.05.18	Active	Online tool for practice
6	Costuco Pvt. Ltd	06.09.18	Active	Providing Placement
7	NextGen Ventures	11.09.18	Active	Providing Placement

**Training Programs conducted by Training & Placement Cell**

S. No	Training Program	Provider	Target Group	No of students trained
1	Corporate Recruitment Training	Conduira	Final year B.Tech Students	1040
2	Coding training program conducted	M/S Campus Corporate	Students qualified in Coding test	120
3	Company Specific Training	FACE	Final year B. Tech Students	650
4	Training program on Programming /	CSE Dept	All B.Tech final year students (2019)	740

No. of students qualified in GATE 2018 : 47

Alumni Chapter

Alumni Chapter at Bengaluru was inaugurated on 29.12.2018. About 114 students ~~were~~ attended.

Sri. P. Ashok Gajapathi Raju garu, Chairman, MANSAS suggested

- To strengthen the Alumni network and evolve a mechanism for effective use of the alumni services like career guidance, motivational talks, project guidance, internships, etc., to the students.
 - It is resolved to further strengthen the alumni network for improved engagement on career guidance, motivational talks, project guidance, internships, etc., to the students.
- Dr. P. Ravindra, Professor of Civil Engineering, JNTUK suggested to build the start-up culture among the students and incubate the ideas by providing space.
 - It is resolved to provide dedicated space for start ups to incubate the ideas.

Reviewed and recorded.



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4-GB-12: Funded Projects – UGC, AICTE, DST etc.

Funded Projects sanctioned - 2017-18

S. No	Title of the project	Agency	Principal Investigator	Amount in Rs.
1	Modernization and Removal of Obsolescence in Machine Tools Lab	AICTE	Dr S Adinarayana	20,00,000
2	Recent Trends in Sustainable Design of Structures	AICTE	Dr P Markandeya Raju	6,10,775
3	International Conference on Sustainable Systems and Structures	AICTE	Dr P Markandeya Raju	5,00,000
4	Toughened Concrete for Building Structures of National Importance against Impact Forces	DST	Dr. Partheepan Ganesan	18,48,000
5	Synthesis and Characterization of Thermochemical Material for Solar Thermal Energy Storage	DST	Dr. M Siva Subrahmanyam	18,48,000
6	Exploring magnetic, magnetocaloric and magnetoresistive properties of $Ti(Fe_{1-x}Co_x)_2$ ($0 < x < 1$)	DST	Dr. Shanmukha Rao Samatham	18,48,000
7	Integrated Water Management Through Rejuvenation of Surface Tanks in Vizianagaram Town	DST	Dr R Maheswaran	1,04,33,360
	Total			1,90,88,135

Ongoing Funded Projects

1	Designing Huesler Compounds for Magnetic Refrigeration and Spintronics Application	UGC	Dr. S Samantham	45,000
2	Wavelet Entropy Based Multiscale Performance Analysis: An Approach to Assess and Improve Hydrological Models	DST	Dr R Maheswaran	17,01,310
3	Design and Development of KU band Micro strip patch antenna Array for Satellite	DST	Dr G Anjaneyulu	31,41,000



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	Application			
4	INSPIRE Faculty Awardees	DST	Dr. R. Maheshwaran	35,00,000
5	Process optimization studies on Removal of Heavy Metals from Waste Water using Mixed Adsorbents	DST	Dr. D. Krishna	26,58,000
6	Funds for improvement of S&T infrastructure	DST	Dr. K. V. L. Raju	30,00,000
	Total			1,40,45,310

Total Value of Funded Projects - Rs. 3,31,33,445/-

Reviewed and recorded

4-GB-13: MOUs

SL	COLLABORATING ORGANIZATION	DoS MoU	STATUS	PURPOSE
1	Geospatial and Environmental Solutions	14.11.18	Active	To collaboratively work with students on real time projects
2	APSSDC and Dassault Systems	14.11.18	Active	To establish a 3D Center of Excellence and to provide industry and domain skills to students.
3	JNTU Kakinada	01.09.18	Active	Signed as a part of Margdashan scheme of AICTE to facilitate the development of collaborative and mutually beneficial programs which serve to enhance the teaching pedagogy
4	CodeTantra Tech Solutions Pvt. Ltd	05.05.18	Active	To make students employment ready in IT Sector



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5	Novel Intellectual Property Rights Academy (NIA)	04.05.18	Active	To create, develop and promote IPR Cell in the college
6	Benaka Technologies	30.5.2017	Active	To establish a Biogas plant and to develop prototype models of Wind Turbine and Smart Home .
7	Andhra Pradesh Skill Development Center		Active	To set up a technical center of excellence

- Dr. A. L. Rao, Former COO, Wipro & Board member TRAINZ Consultancy suggested to explore the possibility of foreign collaboration in the areas of IOTs, Artificial Intelligence and Machine Learning .
- It is resolved to explore the possibility of foreign collaboration in the areas of IOTs, Artificial Intelligence and Machine Learning

Reviewed and recorded

4-GB-14: Recognitions/Accreditations/Approval Status : (a) NBA (b) NAAC (c) Autonomous

NBA ACCREDITATION

- ❑ All the 7 B.Tech. programs offered by the Institution were accredited by NBA

Program of accreditation		Status of accreditation					
		Cycle -I		Cycle -II		Cycle -III	
		Status	Years	Status	Years	Status	Years
1	B.Tech. CHEM	Accredited	3 Ys from 13.03.2009	Accredited	5 Ys from 01.07.2015	Accredited	5 Ys from 01.07.2015
2	B.Tech. CSE	Accredited	3 Ys from 10.02.2009	Accredited	3 Ys from 01.07.2015	Accredited	3 Ys from 01.07.2018
3	B.Tech. ECE	Accredited	3 Ys from 13.03.2009	Accredited	3 Ys from 01.07.2015	Accredited	3 Ys from 01.07.2018
4	B.Tech. EEE	Accredited	3 Ys from 10.02.2009	Accredited	3 Ys from 01.07.2015	Accredited	3 Ys from 01.07.2018
5	B.Tech. IT	Accredited	3 Ys from 10.02.2009	Accredited	3 Ys from 01.07.2015	Accredited	3 Ys from 01.07.2018
6	B.Tech. MECH	Accredited	3 Ys from 10.02.2009	Accredited	3 Ys from 01.07.2015	Accredited	3 Ys from 01.07.2018
7	B.Tech. Civil	-	NOT ELIGIBLE	Accredited	3 Ys from 01.07.2016	UNDER PROCESS	
8	MBA	Accredited	3 Ys from 04.01.2013	Visit is completed on 5 th & 6 th Jan 2019 and waiting for result			



NAAC

	Cycle	Period	Grade
1	Cycle I	Five years from 15.06.2009	A
2	Cycle II	Five years from 03.03.2015	A

UGC - AUTONOMOUS STATUS

The institution was granted autonomous status by University Grants Commission (UGC) conferred by JNTUK - valid from **2015-16 to 2020-21**.

Reviewed and recorded

4-GB-14: To Review the Empowerment / Outreach / Community services

The following empowerment /Outreach/Community services programs have been conducted during the academic year 2017-18.

- Distribution of fruits to Orphans & patients at MR Hospital – VZM
- Sri Shasi Bhusan Guruji speech & Yoga Instructions to students
- Distribution of sports kits to school children at Raghumanda village
- Distribution of Medicines at Boddavalasa Village
- Awareness Program On Social Evils at Chintalavalasa Village
- Awareness Program On Modern Agriculture at Chintalavalasa Village
- Blood Donation Camp
- Swachhata program at MR Hospital, Vizianagaram.
- Bala Swechcha -School Audit – Chelluru village.
- School Audit – Raghumanda village.
- Project Kitab
- Project Vikas
- FYFP volunteers distributing relief material - the flood effected people at kerala
- Cyclone relief material - Cyclone TITLI- Srikakulam
- Orientation Program for the First B.Tech, MBA Girls
- Health awareness program for first B.Tech and MBA Girls by MIMS doctor
- Awareness program on Health and Hygiene to the adopted villages Boddavalasa
- International Girl Child Day

Reviewed and recorded



4-GB-16: Correspondence received from regulating bodies JNTUK/UGC/AICTE/APSCH etc.

NBA:

- File No: 11-84-2010-NBA, dt.28.05.2018 – Further accreditation of the program in Tier II – Compliance visit
- File. No. 11-84-2010-NBA, Dt. 20-12-2018- Visit of expert team for accreditation of MBA program.

UGC:

- Lr.No: F-3-1/2017(SERO-UGC), dt.18.12.2017 – Submission of basic data by colleges

AFRC:

- Notification dt.17.09.2018 – AFRC proposes to review and determine fee structures for all programs by 31-10-2018 at 5 P.M.
- Lr.No: Nil, dt.31.10.2018 – After meeting with APPECMA, resolved to extend time for uploading the required data up to 20.11.2018 at 5 P.M.

JNTUK:

- Proc.No: R & D/Inspection/Research Centre/2017, dt.22.11.2017 – Recognition as Research Centre – Inspection Regarding
- Lr.No: JNTUK/Sports Council/Volley Ball (Men)/IUT/Tournament/2017-18, dt.21.12.2017
- Lr.No: DAP/DI/AFF-Colleges/Clearance Certificate/2017-18, dt.19.12.2017 - Clearance Certificates for M.Tech/M.Pharmacy/PharmD(PB), MBA & MCA for the academic year 2017-18
- Order No: JNTUK/057(EC)/2017, dt.22.06.2017 – Measures on the recommendations of the EC Sub-Committee on Autonomous Colleges fee sharing - Orders - Issued
- Proc.No: D.R & D/Inspection/Research Centre/2017-18 , dt.03.01.2018 – Recognition as Research Centre – Inspection Regarding for EEE Department
- Lr.No: JNTUK/DAP/Anti Drug/2017-18, dt.21.07.2017 – Anti Drug Programs – Regarding

VUDA:

- Rc No 1266/98/L 8 dated 26-8-2017 – Building plans approval
- Rc No 1266/1998/L 8 dated 8-8-2018 – Building plans approval
- Rc No 1266/1998/L 8 dated 28-11-2018 – Building plans approval

Reviewed and recorded.



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4-GB-17: Compliance report for 2017-18 budget and Budget for AY 2018-19

COMPLIANCE TO BUDGET FOR AY 2017-18

Budget compliance for ay 2017-18

S.NO	Expenditure head	Budget Amount Rs. in Lakhs		Utilized Amount Rs. in Lakhs as on 30.05.18		% of utilization
A	College Central Exp..					
1	Campus Civil Works					
1.1	Boys hostel	1500.00		1501.00		
1.2	Central library civil	100.00		80.00		
1.2	Boys hostel infrastructure	400.00		312.08		
1.3	Central library - infrastructure	250.00		230.00		
1.4	Canara Bank civil construction	10.00	2260.00	10.00	2133.08	94.38
2	Provision for Assets Replacement Fund(Depreciation Fund)	250.00	250.00	250.00	250.00	100.00
3	Cost of General facilities					
3.1	Power & fuel	22.00		25.10		
3.2	Insurance of Assets	3.00		1.20		
3.3	Telephone charges	4.00		1.77		
3.4	Vehicle operation &	12.00		6.40		
			41.00		34.47	84.06
4	Central Assets maintenance					
4.1	Civil maintenance & Plumbing	11.00		11.50		
4.2	Mechanical maintenance	3.00		2.74		
4.3	Electrical maintenance	4.00		4.25		
4.4	Renovation of Electrical lines	6.00		5.12		
4.5	Central e -Services	82.00		52.46		
			106.00		76.07	71.77
5	Affiliating / Mandatory/Statutory Exp..					
5.1	AICTE/NBA/NAC appli.,processing fee.	11.00		14.18		
5.2	JNTU fee(infra& other fee)	120.00		17.01		
5.3	VUDA fee/ Panchyat Cess	24.00		0.00		
5.4	Finance charges	1.00		1.12		
			156.00		32.32	20.72
6	Salaries& contractual payments					
6.1	Faculty and staff	2400.00		2150.87		
6.2	Sanitation,Housekeeping, Land Scaping, Garden maintenance, etc.,	70.00		77.25		



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6.3	Security,	25.00		33.68		
			2495.00		2261.80	90.65
7	Professional services/ Logistics & Hospitality					
7.1	A/c.ing and Audit Exp.	8.00		7.86		
7.2	Legal advisory	6.00		1.20		
7.3	Medical facility	5.00		0.11		
7.4	Architech consultancy	40.00		3.91		
7.5	Core advisory services	5.00		4.69		
7.6	Transport facility to the senior professors.	11.00		9.65		
7.7	Honorarium for invited talks	5.00		7.40		
			80.00		34.83	43.53
8	Central Library Development					
8.1	Cost of Books	17.00		14.51		
8.2	Digital Library Subscription of AICTE e- journals.	38.00		29.35		
8.3	print journals subscription	4.75		2.39		
8.4	Gifts Books for invitiees, resource persons	1.00		0.00		
8.5	Library maintenance	4.00		2.67		
			64.75		48.93	75.56
9	R &D and faculty Development					
9.1	R&D investment cost	10.80		11.46		
9.2	Internal- R &D Support	14.00		14.39		
9.3	Financial support to external Research projects	4.00		2.43		
9.4	Financial support to sudent research projects	5.40		1.00		
9.5	Research incentives -faculty	5.40		6.78		
9.6	Investment in Add - on courses programmes	2.50		0.00		
			42.10		36.06	85.66
10	Student Activities					
10.1	Academic awards	18.00		14.08		
10.2	Student functions	12.00		15.41		
10.3	Training & placement	29.00		36.59		
10.4	NCC activities	1.00		1.52		
10.5	NSS activities	1.00		0.63		
10.6	Sports & Games.	25.00		4.24		
10.7	Cultural Activities	5.00		4.54		
10.8	Women Empowerment activities	3.00		0.31		
			94.00		77.33	82.26
11	Promotional exp..					
11.1	Advertisement/Magzine	20.00		18.49		



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11.2	Sponsorships/ contributions	10.00		5.36		
			30.00		23.85	79.48
12	Office & Admn. exp..					
12.1	Admn.office maintenance	6.00		5.10		
12.2	Academic Leadership Training	8.00		2.36		
12.3	Hospitality to Guests/invities	3.00		3.23		
12.4	Stationery	10.00		9.42		
			27.00		20.11	74.50
	General Aminities &					
13.1	Furniture(Admin. Office)	45.00		13.18		
13.2	items other than Equipment	15.00		9.42		
13.3	Rennovation and of premises (other than dents)	25.68		4.62		
			85.68		27.22	31.77
14	Employee welfare					
14.1	Gratuity - Initial payment	400.00		400.00		
14.2	Gratuity - annual subscription	40.00		0.00		
			440.00		400.00	90.91
B	Department wise Allocations:					
B.1	Equipment/Software :					
	a. Laboratory	102.67		113.70		
	b.Office	7.85		0.00		
	Software					
	a.New licenses	6.50		9.05		
	b.Renewals	7.50		0.77		
			124.52		123.52	99.20
B.2	Dept .Laboratories Maintenance:					
	a.Laboratory Cosumables	8.38		7.89		
	b.Repairs	8.38		1.17		
	c.Opearational cost	1.98		0.00		
			18.74		9.06	48.33
B.3	Dept. Office maintenance					
	a.Stationery	6.67		0.14		
	b.copier maintenance cost	1.52		0.19		
	c.Printers maintenance cost	0.65		0.04		
	d. Other dept. maintenance cost	1.12		0.19		
			9.96		0.55	5.56
B.4	Rennovation/Relocation:					
	a. Laboratory	8.10		7.86		
	b.Depepartment office/faculty	5.18		3.38		
			13.28		11.24	84.65
B.5	FACULTY DEVELOPMENT					
	a. Seminars/conferences/workshops- proposed	20.50		16.27		



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	b. Seminars/conferences/workshops-participation	17.10		16.28		
	c. Internships	4.90		1.73		
	d. Industrial visits	1.85		0.20		
	e. Professional body registration - Institutional	1.10		0.06		
	f. Professional body registration - faculty	2.40		0.36		
			47.85		34.91	72.97
B.6	STUDENT DEVELOPMENT					
	a. participation in seminars /conferences/workshops	9.50		8.02		
	b. Industrial visits	2.95		0.04		
	c. Guest lectures/invited talks	5.20		2.47		
			17.65		10.54	59.70
B.7	HOSPITALITY					
	a. Department meetings	1.26		1.61		
	b. Parents meetings	1.33		0.10		
	c. visiting guests	1.73		0.79		
	d. Almin visits	0.84		0.00		
	e..BOS meetings/ Advisory	4.32		0.83		
			9.48		3.33	35.15
B.8	FURNITURE					
	a. laboratory	1.15		0.00		
	b. Office	6.75		2.19		
	c. Class room	2.35		0.00		
			10.25		2.19	21.40
B.9	Dept. Libraray Maintenance					
	a. Books	7.95		5.20		
	b. Magzines/journals	0.65		0.55		
	c. On line services- subscription/renewals	3.75		2.10		
			12.35		7.85	63.58
	Total Expenditure		6435.59		5659.26	87.94

Reconciliation of Budget for the ay 2017-18

S.No	income/exp	Rs. in lakhs	
1	<u>A. Income received in ay 2017-18</u>		
	Tuition Fee Received	3012.61	



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	special fee received	147.10	
	Funds from management	500.00	
	Total income received in budgeted yr.	3659.71	
2	Loan from Depereciation fund	1250.00	
3	Corpus B/f.bal.	325.00	
4	Interest accrued	333.36	
5	Total funds available		5568.07
6	Total expediture incurred in ay 2017-18		5659.26
	Expenditure over income		91.19

BUDGET FOR AY 2018-19

ABSTRACT- BUDGET 2018-19 (1st june '18 - 30th may 19)

Income head	Amount Rs. lakhs
Total Budgeted income	4300.27
Total budgeted Expenditure	4542.54
Deficit *	242.27

* Deficit shall be met from bank loan

Estimated Income break up for ay 2018-19

Income head	Amount Rs. lakhs
Tuition Fee Receivable	3351.27
Special fee receivable	149.00
Funds from Management	500.00
Loan from Depreciation fund	300.00
Total	4300.27

Budgeted Expenditure for the academic year 2018-19 (from june-2018 to MAY 2019)

S.NO	Expenditure head	Amount Rs. Lakhs
A	<u>College Central Exp..</u>	



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1	<u>Campus Civil Works</u>		
1.1	Boys hostel	700.00	700.00
2	<u>Provision for Assets Replacement Fund (Depreciation Fund)</u>	300.00	300.00
3	<u>Cost of General facilities operation:</u>		
3.1	Power & fuel	23.00	
3.2	Insurance of Assets	2.00	
3.3	Telephone charges	2.00	
3.4	Vechicle operation & maintenance	10.00	37.00
4	<u>Central Assets maintenance</u>		
4.1	Civil maintenance & Plumbing	12.00	
4.2	Mechanical maintenance	3.00	
4.3	Electricial maintenance	4.00	
4.4	Renovation of Electrical lines	3.00	
4.5	Central e -Services	53.00	75.00
5	<u>Affiliating / Mandatory/Statutory Exp..</u>		
5.1	AICTE/NBA/NAC appli.,processing fee.	10.00	
5.2	JNTU fee(infra& other fee)	80.00	
5.3	VUDA (Infra approval charges)	55.00	
5.4	Finance charges	1.00	146.00
6	<u>Salaries& contractual payments</u>		
6.1	Faculty and staff	2500.00	
6.2	Sanitation,Housekeeping, Land Scaping, Garden maintenance, etc.,	85.00	
6.3	Security,	27.00	2612.00
7	<u>Professional services/ Logistics & Hospitality</u>		
7.1	A/c.ing and Audit Exp.	8.00	
7.2	Legal advisory	2.00	
7.3	Medical facility	1.50	
7.4	Architech consultancy	2.00	
7.5	Core advisory services	6.00	
7.6	Transport facility to the senior professors.	5.00	
7.7	Honororium for invited talks	8.00	32.50
8	<u>Central Library Development</u>		
8.1	Cost of Books	10.00	
8.2	Digital Library Subscription of AICTE e-journals.	40.25	
8.3	print journals/magzines subscription	4.25	



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8.4	Gifts Books for invities, resource persons	1.00	
8.5	Library maintenance + Acquisition of soft ware	14.00	69.50
9	<u>R &D and faculty Development</u>		
9.1	a.R&D investment cost	5.00	
9.2	b. Internal- R &D	4.50	
9.3	c. financial support to external Research project	5.00	
9.4	d. financial support to student research projects	4.50	
9.5	c. Research incentives -faculty	7.00	
9.6	e.Investment in Add - on courses programmes	3.50	29.50
10	<u>Student activities</u>		
10.1	Academic awards	14.00	
10.2	Student functions	12.00	
10.3	Training & placement	25.00	
10.4	NCC activities	1.00	
10.5	NSS activities	0.80	
10.6	Sports & Games.	4.00	
10.7	Cultural Activities	4.00	
10.8	Women Empowerment activities	1.00	61.80
11	<u>Promotional exp..</u>		
11.1	Advertisement/Magzine	20.00	
11.2	Sponsorships/ contributions	6.00	26.00
12	<u>Office & Admn. exp..</u>		
12.1	Admn.office maintenance	5.00	
12.2	Academic Leadership Training	5.00	
12.3	Hospitality to Guests/invities	3.50	
12.4	Stationery	10.00	23.50
13	<u>General Aminities & Infrastructure</u>		
13.1	Furniture (central Library)	45.00	
13.2	items other than Equipment (Admistration)	5.00	
13.3	Rennovation of premises	30.00	
13.4	Software renewals (for admin.other than depts.)	5.00	
13.5	Equipment for central library	60.00	
13.6	Genral equipment	25.00	
13.7	Land acquisition- boys hostel	30.00	200.00
14	<u>Employee welfare</u>		
14.2	Gratuity - annual subscription	0.40	0.40
B	<u>Department wise Allocations:</u>		
B.1	<u>Equipment/Software :</u>		
	a. Laboratory	100.00	
	b.Office	1.95	
	<u>Software</u>		



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	a.New licenses	0.00	
	b.Renewals	26.20	128.15
B.2	Dept .Laboratories Maintenance:		
	a.Laboratory Cosumables	7.75	
	b.Repairs	3.87	
	c.Opearational cost	1.45	
	d. MUO lab maintance(14000+9600)	1.24	14.31
B.3	Dept. Office maintenance		
	a.Stationery	1.15	
	b.E-copier maintenance cost	0.50	
	c.Printers maintenance cost	0.60	
	d. Other dept. maintenance cost	0.26	2.51
B.4	Rennovation/Relocation:		
	a. Laboratory	5.60	
	b.Depepartment office/faculty rooms	2.24	7.84
B.5	<u>FACULTY DEVELOPMENT</u>		
	a. Seminars/conferences/workshops- proposed	18.20	
	b Seminars/conferences/workshops- participation	22.60	
	c. Internships	3.95	
	d. Industrial visits	1.50	
	e. Professional body registration - Institutional	1.15	
	f. Professional body registration - faculty	2.05	
	g. Advisor commtee exp	0.70	50.15
B.6	<u>STUDENT DEVELOPMENT</u>		
	a. participation in seminars /conferences/workshops	3.45	
	b. Industrial visits	2.22	
	c. Guest lectures/invited talks	4.35	10.02
B.7	<u>HOSPITALITY</u>		
	a. Department meetings	1.20	
	b.Parents meetings	0.96	
	c.visiting guests	1.14	
	d.Almin visits	0.32	
	e..BOS meetings/ Advisory	4.40	8.02
B.8	<u>FURNITURE</u>		
	a. laboratory	1.45	
	b.Office	2.10	
	c. Class room	2.60	6.15



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B.9	<u>Dept. Libraray Maintenance</u>		
	a. Books	1.25	
	b. Magzines/journals	0.65	
	c. On line services- subscription/renewals	0.30	2.20
	Total		4542.54

Reviewed, recorded and Ratified

4-GB-18: Proposals submitted to AFRC, NIRF, DST

AFRC

Proposal submitted to AFRC for fixation of tuition fee for the block period 2019-20 to 2021-22.

S.No	Name of the Program	Existing Fee (Rs.)	Proposed Fee(Rs.)
1	B.Tech.	82,500	1,15,000
2	M.Tech.	65,000	70,000
3	MBA	50,000	68,000

NIRF

Application submitted to NIRF

DST

Proposal submitted to DST for **SIRO** recognition

Application submitted to District Collector, Vizianagaram for additional land (1.48 acre) acquisition - Boys Hostel

Reviewed and recorded

The way forward

- ☐ To broaden the scope of Career Guidance Cell.
- ☐ Increased engagement in training for National Level Competitive Examinations like GATE etc.,
- ☐ To work for improved core industry participation in placements.
- ☐ To work for enhanced engagement of Alumni.
- ☐ To progressively strengthen faculty and student engaged on MOOCs platform.
- ☐ To focus more on Industry networking and faculty interaction with outside world.
- ☐ To further strengthen Research and Consultancy.
- ☐ To work for IPRs & Patents.
- ☐ Enhanced engagement of students in community services.
- ☐ To become Residential Campus.
- ☐ Innovation / Incubation / Startup establishment
- ☐ To build Auditorium and Guest House



4-GB-19: Any other item with the permission of the Chairman


Sri. P. Ashok Gajapathi Raju garu, Chairman, MANSAS expressed that


- Energy and water are scarce commodities and suggested to minimise the wastage of Energy and water
 - It is resolved to explore possible methods for minimising the wastage of Energy and water.
- Also, suggested
 - To conduct awareness programs on 'Dewats' .

Dr. G.V.Ratnam , Professor, IIT –Madras – Expressed the following

- Significant changes are coming in engineering education:
- In Europe most of the Institutions offering 5 years integrated courses ie. 3 years for B.Tech and 2 years for M.Tech
- Industry experts are opined that the B.Tech program shall be 3 years
- Focus on specialized education
- Evolve long term plan and long term goal in line with the NIRF ranking system
- It is resolved to further strengthen in the areas of publications, funded projects, patents and consultancy to get the visibility at national level.

At the end of the meeting, Dr K V L Raju, Member Secretary and Principal thanked all the Governing Body members for their presence and valuable suggestions.


(Dr. K V L Raju) 25/01/19
Member Secretary


(Sri P Ashok Gajapathi Raju))
Chairman

Maharaja Vigneshwara College of Engineering, (8)
 Vizianagaram, 20th Governor's Body Meeting held on the 20th day
 Premier on 20/05/2017 at 11 A.M.

Members Present

- 1) Dr. P. Ashok Gopal Reddy - Chairman
 Chairman, HANSA
 Font, Vizianagaram
- 2) Dr. D. R. K. Reddy - Correspondent
 Correspondent, HANSA
 Font, Vizianagaram
- 3) SCRO, AICTE, Hyderabad - AICTE nominee
- 4) Prof. K. Chandrasekhari - State Govt nominee
 Professor of Physics, A.C.U., VSP
 Professor of Physics, A.C.U., VSP
- 5) Dr. P. G. Gupta - UGC nominee
 Hon. Rishi National Institute
 2nd Floor, BARC Training School complex
 Annamalai Nagar, Mumbai 400054.
- 6) Dr. B. Prabhakar Rao - INTA nominee
 Rector, INTA, Kakinada
- 7) Prof. Anil Kumar - nominee
 Chairman, Research & Publications
 chairman, Library committee
 IET, Ahmedabad.

8) Dr. G. Krishnam Rao
Professor (Retd.)

College of Engineering, A.V.
Vidyalakshmi -

Nominee - *Agk Rao*

13)

9) Dr. A. Lakshmana Rao

Former COO, AIRTEL

132, 1st - A - ~~cross~~ cross

Dominex - 2nd stage

Bangalore

Nominee

Mailed View

14)

10) Dr. G. Venkateswaram

Prof. of Mechanical Engg.

EST, Madras

Nominee

Mailed View

16)

11) Dr. Y. V. R. Krishna Murthy

Distinguished Scientist ISRO

Director - National Remote Sensing Centre

Dept. of Space Govt. of India

Bangalore, Hyderabad - 500037

Pelengana

Nominee

copying
Governor's
Mailed View

17)

12) Mr. V. Raju

Vice-President & Regional Head

Global Head Technology Business Unit

Global Consulting Services Limited

Hyderabad

Nominee - *from Industry*

18)

K. P. R. R.

MASTIN

R. M. R.

13) S. P. L. P. R. R. - Nominee

Ja. R. R.

Near No 5 Bungalow
Cantonment, Vizianagaram

14) Mr. P. Aditi Village Lakshmi - Nominee

Member, MANAS Trust Board
Vizianagaram

15) Prof. D. G. S. Ramachandra R. R. - Senior Faculty

W

VP (Ad), MVGRCE (A), V. R.

16) Dr. P. Ravindramall - Dean (Strategic Planning)

Prof. of Mech. Engg

MVGRCE (A), V. R.

Canf

17) Dr. Y. M. C. Seelam

- Senior Faculty

Y. M. C. Seelam

VP (Ac), MVGRCE (A), V. R.

18) Dr. K. V. L. R. R.

- Member Secretary

W

Principal

MVGRCE (A), Vizianagaram

**Minutes of meeting of Governing Body:**

A Meeting of the Governing Body was held on 20.05.2017 at 11.00AM at Conference hall, Admin. Block.

Members on Governing Body:

S.No.	Name	Designation	Position
1	Sri P.Ashok Gajapathi Raju	Chairman, MANSAS, Fort, Vizianagaram	Chairman
2	Dr. D R K Raju	Correspondent, MANSAS	Member
3	Sothorn Regional Officer	SRO-AICTE, Hyderabad	Ex-Officio
4	Prof. Chandra Mouli	Professor of Physics, Andhra University, Visakhapatnam	Member
5	Dr.P.D.Gupta Director & Distinguished Scientist, Raja Ramanna Centre for Advanced Technology	UGC Nominee, New Delhi	Member
6	Dr.B.Prabhakara Rao	Rector JNTUK, Kakinada	Member
7	Prof.Amit Garg	Chairman, Research & Publications, IIM, Ahmedabad	Member
8	Dr.G.Krishnam Raju	Professor (Retd.), College of Engineering, AU	Member
9	Dr.A.Lakshmana Rao	Board Member, TRAINZ Consultancy	Member
10	Dr.G.Venkatarathnam	Professor of MECH, IIT, Madras	Member
11	Dr.Y.V.N.Krishna Murthy	Scientific Secretary ISRO, HQ, Bangalore	Member
12	Mr.V.Rajanna	Vice-President & Regional Head Global Head – technology Business Unit, TCS, Hyderabad	Member
13	Sri P.L.P.Raju	Ex-EC Member, Andhra University	Member
14	Prof. D.J.J.Ramachandra Raju	Vice-Principal(ADMN), MVGR	Member
15	Dr.P.Ravindranath	DEAN (SP), MVGR	Member
16	Dr.Y.M.C.Sekhar	Vice-Principal(ACAD), MVGR	Member
17	Dr.K.V.L.Raju	PRINCIPAL, MVGR	Member Secretary



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Sri P. Ashok Gajapathi Raju, Chairman (GB) chaired the meeting and Dr K V L Raju, Member Secretary and Principal welcomed all the members to the third Governing Body meeting of MVGR College of Engineering after conferment of Autonomous status.

The following agenda was taken up for discussion:

- 1 Minutes of the last Governing Body Meeting
- 2 Courses offered, additional Courses/Intake/Closure
- 3 New Labs/Infrastructure developed
- 4 Building Infrastructure
- 5 Human Resources
- 6 Learning Resources
- 7 FDPs conducted/ to be conducted
- 8 Research and Higher Learning
- 9 Proposals for Research Centers (MBA, EEE, CIVIL & MATHEMATICS)
- 10 Student Performances (Academic, Extra, Co-Curricular activities)
- 11 Placements 2016-17
- 12 Funded Projects – UGC, AICTE, DST etc.
- 13 Accreditations / Approval Status : (a) NBA (b) NAAC (c) Autonomous
- 14 Empowerment / Outreach / Community services
- 15 Correspondence received from JNTUK/UGC/AICTE/APSCE
- 16 Compliance report for 2016-17 budget and also to discuss the Proposed Budget for the academic year 2017-18
- 17 Any other item with the permission of the Chairman



The minutes of meeting:

3-GB-1: To review Minutes of the last Governing Body Meeting

- Sri. P. Ashok Gajapathi Raju, Chairman, MANSAS, suggested to go for installation of higher capacity solar power plant.

Roof top Solar power plant of 400 KWp was installed in the campus on 1st January 2017. Sri. Vivek Yadav, Dist. Collector, inaugurated Solar power plant.

- Sri. P. L. P. Raju, Ex. EC Member Andhra University, suggested for possible consideration of hostel infrastructure for Boys.

Mrs. P. Suneela Gajapathi Raju laid foundation stone for construction of Boys Hostel for a capacity of 750 students on 10-04-2017. Design collaborative (Pondicherry) – Consultants, Providing all technical support and tendering process is in the final stages

- Dr Y V N K Murthy, Scientific adviser, ISRO suggested to conduct more number of workshops on multidisciplinary concepts.

The Institution has conducted workshops on

- Internet of Things on 19th Dec'2016 by Dr. Shiv Kumar Kalyanaraman Program Director, Special Initiatives, IBM Research, Bangaluru

- Hadoop and Big Data during 14th to 19th Nov'2016. The following resource persons delivered lectures

1. Dr. RBV. Subrahmanyam, NIT, Warangal,
2. Dr. DVLN. Somayajulu, NIT, Warangal,
3. Mr. T. Srikanth, TCS, Chennai,
4. Mr. Anup Kelkar, Vyclean Technologies

- Dr Y V N K Murthy, Scientific adviser, ISRO suggested to motivate the faculty to do research on multidisciplinary areas like demand based irrigation system, Data Analytics, Geo Technical services, space technologies and smart cities.

The following faculty are actively engaged on areas suggested

Data Analytics

Dr. V. Nagesh, Mrs. Swarna, Mrs. B. Anjana Devi,
Dr. P Srinivasa Rao Mr. Y. H Prassanna Raju, Mrs. Sushma Rani.



Global Positioning System.

Mrs. B. Lavanya Asst. Prof of ECE Dept is pursuing her Ph. D.

Demand Based Irrigation System

Mr. Vara Prasad, Asst. Prof, Civil Engineering is pursuing his Ph. D.

- Dr Y V N K Murthy, scientific adviser, ISRO suggested to submit proposals to the local district administration for helping in various community related problems.

The following faculty providing active consulting services to the local district administration on irrigation, sanitation, road safety etc.,

Dr.S.Chandramouli - Member for the committee appointed by the Chairman, Vizianagaram Municipality for advising sanitation aspects in Vizianagaram District.

Mr. B.Ramesh Raju - Member of Andhra Pradesh State Road Safety Council, Assisting State Transport Department in Road Safety Auditing and VUDA in evaluating ROB / flyover proposals at NAD and Maddilapalem.

Mr. B.Ramesh Raju - Member, Planning and design of underpass tunnel at etthukana flyover bridge in Vizianagaram Town

Dr. R. Maheswaran, has submitted a proposal "Investigation on the Flood Harvesting Potential in Vizianagaram" along with local Govt. Executive Engineer.

- Professor Amit Garg, IIM, Ahmadabad suggested To initiate outstanding young faculty award (teaching plus research combined for below 40 years of age) etc.

Dr. T. A. N. S. N Varma, Assoc. Prof. of ECE Dept. and Dr. B. M. B Krushna, Asst. Prof of Mathematics got Young Scientist Award from AP Academy of Sciences.

Dr. T. A. N. S. N Varma receiving young scientist Dr. B. M. B Krushna receiving young scientist award from AP CM Sri. N. Chandrababu Naidu award from AP CM Sri. N. Chandrababu Naidu

The Institution is incentivizing performance and annually rewarding the outstanding contributors.

Faculty rewarded on the eve of teacher's day.

- To encourage faculty for collaboration with scholars and practitioners in India & abroad and spending 5-6 months to work in CSIR labs.



The following faculty are doing internship for a period of 8 weeks from April 14th in "International Advanced Research Centre for Powder Metallurgy & New Materials (ARCI)", Hyderabad.

Mr. B. Srinivas, Mr. N. Jagadeesh, Mr. N. Abhishek

- Dr G Venkata Ratnam, Professor, IIT-Chennai, suggested inviting well known researchers/faculty from other reputed Institutions to spend a week or two with Institution and encourage final year and third year students to meet them and spend time with them brainstorming ideas, and B.Tech project proposals.

Dr. Raghavendra Sai and Dr. Prasad Patnaik, from IIT-Madras have visited the campus and stayed a week to interact with the students and faculty of ECE, EEE and Mechanical and shared their ideas on projects and Research.

Also six experts from industry were invited to review PG projects.

- Dr G Venkata Ratnam, Professor, IIT Chennai, suggested to spend some time understanding the parameters used in assigning ranks by NIRF.

The Institution invited the participation of experts from academia in comprehensively meeting the key parameters that constituted NIRF ranking.

MVGR College of Engineering has been ranked among the top 75 to 100 colleges in the country under category of Management Education (MBA program) for the year 2017.

Reviewed and Recorded.

3-GB-2: To review the Courses offered, additional Courses/Intake/Closure

Courses Offered

B.Tech. PROGRAMS

INTAKE

• Chemical Engineering	: 60
• Computer Science & Engineering	: 180
• Civil Engineering	: 120
• Electronics & Communication Engineering	: 180
• Electrical & Electronics Engineering	: 120
• Information Technology	: 60
• Mechanical Engineering	: 180

M.Tech. PROGRAMS

• Product Design & Manufacturing	: 18
• Data Sciences	: 18



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- VLSI : 18
- Computer Networks & Information Security : 18
- Structural Engineering : 18
- Power Systems : 18
- Communication Systems : 18

Other PG PROGRAMS

- Master of Business Administration : 120

Ph.D.

- Mechanical, Chemical, ECE & CSE
- EEE*, CIVIL, MBA & MATHS (* Visit pending)
- M.Tech. (Product Design and Manufacturing), M.Tech. (Communication Engineering) and M.Tech. (Data Sciences) programs newly introduced with effect from 2017-18
- M.Tech. (Machine Design) and M.Tech. (CSE) programs closed, however 2nd year class work will be continuing for the above programs.

Reviewed and recorded.

3-GB-3: To review the New Labs/Infrastructure developed

Number of existing Labs (up to AY 2016-17): 66

Cost : about Rs. 11.5 Crores

The following new laboratory / Infrastructure has been established during the AY 2016-17 against curricular changes, aging, Technological obsolescence and requirements of additional skill development.

Sl	Lab / Infrastructure (AY-2016-17)	Branch
1	IOT Lab	ECE
2	CAD & GIS - Arc GIS Spatial Analyst – (Civil)	Civil
3	Vicker's Micro Hardness Equipment Capacity – 1 Kg	Mech
	Computerized Testing setup for Universal Testing Machine – UTM – Capacity: 20 Ton	
	Hydraulic Pipe Bending Machine – PT Lab Capacity: 2" x 3mm	
	Pin on Disc – Capacity: 0 to 2000 micro mms	
	SIEMENS – APSSDC – MVGR	
	<ul style="list-style-type: none"> • AC & Refrigeration Lab • Automotive 2 wheeler & 4 wheeler Lab • Industrial Welding Lab • Manufacturing Lab (CNC Lab) • Design Lab 	
4	Computer Lab with 40 systems replacing the existing against aging and technological Obsolescence .	IT

- Sri P Ashok Gajapathi Raju, Chairman, Mansas felt that the Institution may take lead in possible utilization of lab infrastructure built through SIEMENS and APSSDC

Reviewed and recorded.



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3-GB-4: To review the building Infrastructure

Existing Built up area 2015-16

	Name of the Building	Built-up Area (Sqmt)				Total Area (Sqmt)
		G.F	F.F	S.F	T.F	
1	Mechanical block	1510	1510	1510	66	4596
2	CSE block	1510	1510	1510	-	4530
3	ECE block	1485	1485	1485	-	4455
4	EEE block	1479	1479	1479	-	4437
5	Civil block	1952	1952		-	5856
6	PG block	1564	1519	-	-	3083
7	Administration block	863	863	46	-	1772
8	Library block	279	279	-	-	558
9	S & h block	168	168	168	-	504
10	Bank	130	-	-	-	130
11	Sri Ganesh temple	65	-	-	-	65
12	Generator room	63	-	-	-	63
13	Girls hostel					6059
14	Main gate	195	-	-	-	195
15	Amenities	204	-	-	-	204
16	Work shops					3082
17	Servant quarters					150
18	Civil sf (chemical)			1952		1952
19	Office:			230		230
20	Girls hostel-c block		849	849		1697
18	Others					1454
	Total	4,63,978.16 sfts				43121

Built up area : 2016-17

S.No	Name of the Building	Total Area (Sft)
1	Services Block (Guest Rooms)	2,250
2	Gym	6,600
3	Parking Sheds	1,000
4	Central Library *	46,200
	TOTAL	56,050

* Work in progress



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Total Built Up Area = 5,20,028.16 sqfts

Built up area under construction

S.No	Name of the Building	Total Area (Sft)
1	Boys Hostel	1,45,000
2	R&D BLOCK	32,000
3	Canteen FF	6,600
4	Bank Extension	700
	Total	1,84,300

Reviewed and recorded

3-GB-5: To review the Human Resources

QUALIFICATION:

Ph.D.	Ph.D. Thesis Submitted	Ph.D. Pursuing	M.Tech. / PG	B.Tech.	Adjunct Faculty	Total
61	11	85	87	8	18	270

CADRE RATIO: 1:2:6

Professors	Associate Professors	Assistant Professors	Adjunct faculty	Total
31	41	180	18	270

GENDER RATIO: 4:1

Male: 222

Female: 48

Faculty Strength 2016-17 : 257

a) Faculty Left : 14

b) Faculty Recruited : 27



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Details of Adjunct Faculty:

S.No.	Name of the Adjunct Faculty	Department	Designation
1	DR SIMHACHALAM JUTTU	MECH	Dy. General Manager, ARAI, Pune.
2	DR GEDDAM BHAVANI SHANKAR PRASAD	MBA	Director-Personnel, Steel Plant, Visakhapatnam
3	K SRIKANTH	ECE	Scientist-D-NSTL,VSP
4	R V KIRAN KUMAR	ECE	Scientist-C-NSTL,VSP
5	V BABU PRASAD	ECE	Scientist-D-NSTL,VSP
6	P ANUP	ECE	Custom Layout Engineer-GigaCom Semiconductors
7	GARUGUBELLI RAMACHANDRA RAO	ECE	Custom Layout Engineer-GigaCom Semiconductors
8	M BHAGAVAN PRASAD	ECE	SDE, BSNL
9	MADAKA KRISHNA MURTHY	ECE	Communications Inspector-A.P. Police
10	SARIPALLI SRIKHAT	CHEMICAL	Senior Team Member, Pharmagel
11	LEKKALA KESAVA RAO	CHEMICAL	Asst. EE
12	GUTTI KALYAN RAJU	CSE	Vice President, Sehenax Technologies
13	VARADA SRI HARSHA	CSE	Sr. Software Developer
14	THUMATI VASUDEVA RAO	CSE	CEO, Startup Moksha
15	CHEKKA RAMA GOPAL	MBA	Chartered Accountant, Professor, VNS Institute of Management, Bhopal
16	DUDDU MURALI KRISHNA	MBA	Torrent Pharmaceuticals Ltd., Visakhapatnam
17	JANAKI VENKATA SATISH	MBA	LIC of India, Visakhapatnam
18	K VENKATESWARA RAO	CIV	Consultant

- Dr G Venkararathnam, Prof. of Mechanical Engineering, IIT, Madras suggested through e-mail that Faculty Recruitment policy to be centered around wide foot prints/ National character.

Reviewed and recorded

**3-GB-6: To review the Learning Resources****Library:**

Titles	Volumes	Average Users per Day	Area Sfts
18,351	41,755	325	9,329

Working hours:

DAY	LIBRARY TIMINGS
Mon-Sat	08.00 AM -09.00 PM
Sunday	09.00 AM-01.00 PM
Computing facilities with INTERNET	09.00 AM -09.00 PM

E- Resources:**E-BOOKS**

➤ McGRAW-HILL	365
➤ ASTM Digital Library	1700
Total	2,065

E-JOURNALS

➤ IEEE	161
➤ SPRINGER(EEE)	134
➤ SPRINGER (Mech.)	46
➤ ASME (Mech.)	36
➤ ASCE (Civil)-	34
➤ ELSEVIER (Science Direct)-	275
Total	686

ARTICLE DATABASE

➤ J-GATE Engg.	1763
➤ J-GATE Management	2128
Total	5891

E- Learning material



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- | | |
|----------------------|-------------------------|
| ➤ NPTEL Web courses | 619 Subjects |
| ➤ NPTEL GATE modules | |
| ➤ Video Courses | 110 (each 40 Hrs.) |
| ➤ IUCEE Material | 1 Terabyte Hard disc |
| ➤ NITTTR Material | 275 CDs on all subjects |

Internet Bandwidth – 200 Mbps

- It was also suggested by the members to improve the learning resources and possible guidance for national level competitive examinations like GATE etc.

Reviewed and recorded.

3-GB-7: To review the FDPs conducted/ to be conducted

- | | |
|------------------------------------|-------|
| ➤ Workshops - Faculty attended | - 342 |
| ➤ GIAN Courses attended by Faculty | - 18 |
| ➤ Faculty Internships | - 102 |
| ➤ Number of MOOCs done by Faculty | - 205 |

FDPs conducted / organized during the period (2016-17): 17

Dept	Name of the Program	Date	Resource Persons
EEE	Guest Lecture on "Electrical Power Systems"	21.05.2016	Sri B.Kondala Rao, Manager, ABB, Vadodara
	Guest Lecture on "Best Practices on O & M and Failure Analysis on AC Machines in Industries"	23.07.2016	Sri R.N.Rambabu, Sr.Manager, Gujarat State Petroleum Corporation Ltd., Kakinada
	Guest Lecture on "Applications of Genetic Algorithm"	23.09.2016	Dr.D.K.Mohanta, Professor, BITS, Mesra, Ranchi
	A One Week Faculty Development on "Real Time Applications Using LabVIEW (RTAL)"	28 th Nov to 3 rd Dec 2016	1) Mr. Mani Maran Application Engineer, Vi Solutions Pvt Ltd 2)Mr. Suresh Venkatesan Application Engineer, Vi Solutions Pvt Ltd 3)Dr D.K. Mohanta Professor, EEED BITS Mesra, Ranchi 4)Mr. Rajasekharan Application Engineer, National Instruments 5)Dr. M. Jaya Bharath Reddy Assoc. Professor NIT Trichy



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MECH	2 Day National workshop on "Emerging Technologies in Automotive Technologies"	01.08.16 to 02.08.16	1)Dr.S.S.Thipse, Dy Director, Powertrain Engineering, ARAI, Pune 2) Mr.Yogesh Kalia, Director, Medhaavi Center for Automotive Research, Punjab 3) Dr.Simhachalam Juttu, DGM, Powertrain Engineering, ARAI, Pune
ECE	NI LabVIEW Training Program	13th to 7th May, 2016	Manoj Raj.D Mohan A J VI Solutions, Bangalore.
	Advanced Digital Signal Processing and Applications	8th & 13th November – 2016	1.Dr.T.Kishore Kumar, NIT, Warangal 2.Sr.Sukhendu Sharma, NSTL, VSP 3.Sri M.V.Raghunath, NIT, Warangal 4.Dr.C.B.Rama Rao, NIT, Warangal 5. Dr.Mallikarjuna Rao, DRDO 6. Dr.S.Anuradha, NIT, Warangal 7.Sri K.V.Sridhar, NIT, Warangal 8. Dr,Anil Kumar, IIIT, Hyderabad
CSE & IT	Workshop on Salesforce "Trail Head"	6/08/16 to 7/08/16	Salesforce
	6 Days Workshop on Bigdata & Hadoop associated with NIT-Warangal	14th to 19th Nov'2016	1) Dr. RBV. Subrahmanyam, NIT, Warangal 2) Dr. DVLN. Somayajulu, NIT, Warangal 3) Mr. T. Srikanth, TCS, Chennai 4) Mr. Anup Kelkar, Vyclean Technologies
	Guest Lecture by Dr.Shiv Kumar Kalyanaraman on "Internet of Things (IoT)"	19th Dec'2016	Dr.Shiv Kumar Kalyanaraman
CIVIL	3D Modeling of structures using Autodesk Revit Structure	13.06.2016 & 17.06.2016	Mr.Praveen, EDS Technologies, Bangalore
	Repair, Rehabilitation and retrofitting of Reinforced Concrete Elements	21 st & 22 nd October, 2016	1. Dr. D Rama Seshu, NIT-W 2. Dr. D S R Murty, AU 3. Dr. V Ravindra, - JNTU-K 4. Dr. Amirtham Rajagopal IIT - H 5. Sitarama Raju Sagi Director, IDDC, Vsp
	Emerging trends in Water Resources and Environmental Engineering	30 th March to 1 st April 2017	1. Dr. Shishir Gaur, IIT-BHU 2. Dr. KBVN Phanindra, IIT-H 3. Dr. YVVK Murthy, Director, NRSC 4. Sri Rakesh Khosa, IIT-D 5. Sri. NV Uma Mahesh, NIT-W 6. Sri Brijesh Kumar Yadav, IIT –R 7. Dr. D. Nagendra Kumar, IISc, B 8. Sri MG Muni Reddy, AU 9. Dr. GVR Srinivasa Rao, AU 10. Prof. TV Praveen, AU



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MBA	MAKE INTERN CARPE-DIEM (IIM-C EVENT)	18.07.2016 to 22.07.2016	Mr. Datta Rokade, Mentor, IIM-C
	MDP on Export Promotion and International Business in association with DGFT, Ministry of Commerce & Industry, Govt. of India	27.07.2016	Mr. Alok Dwivedi, Dy. DGFT Mr. Punnam Kumar, Asst. DGFT
	A Workshop On "Payroll Administration"	22.10.2016	Mr. P.Pavan Kumar, Amazon.com, Hyd
	Management Development Programme on "Emerging Trends In Marketing"	25.10.2016	1) Mr. Pavan Nemali, Digiken Upskill, Bengaluru. 2) Mr.T.Sridhar, ITC, Visakhapatnam. 3) Mr.Sunil Mohanthy, Customer Service Manager, Future Group, Visakhapatnam

FDP Proposals - 2017-18:13

S.No.	Dept	Name of the Program	Proposed Date
1	CIVIL	Road Safety auditing	July 15 th , 2017
		Workshop on Repairing techniques of RC structures	Oct, 15 th , 2017
		Sustainable Water resources Management	March 22 nd , 2018
2	MECH	A Two Day National workshop on "Multi-Functional Nano Materials and Nano Composites"	22 nd and 23 rd of Sep'2017
		A Three Day International Conference on "Advances in Materials, Modelling and Manufacturing"	27 th , 28 th and 29 th of Jul'2017
3	EEE	A one week FDP on Real Time applications of Micro Controllers in Electrical Engineering	18th to 23rd September 2017
4	CSE & IT	R for Data Science	November 2017
		FDP on "RAISE – Networks"	12.06.2017 to 17.06.2017
5	ECE	Workshop on Advanced Antenna Designs	September 18 th to 23, 2017
6	MBA	Workshop on Case preparation	Nov'2017
		Workshop in HRM	15 & 16 Dec'2017
		National Seminar on Innovations in Marketing	Feb'2018
7	College	Workshop on Instructional Design and Delivery Systems by NITTTR-Chennai	5 th – 10 th June-2017

Reviewed and recorded.



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3-GB-8: To review Research and Higher Learning

- No. of paper publications :111
- Publications with impact factor : 84
- Number of Faculty Pursuing Ph.D. : 85

a) Faculty who were awarded Ph.D. during the AY: 2016-17 : 8

S.No	Name of the Faculty	Designation	Department
1	Dr G ANJANEYULU	Assoc. Professor	ECE
2	Dr B SRINIVAS	Assoc. Professor	CSE
3	Dr. SANDHYA DEVI	Asst. Professor	CSE
3	Dr S V A R SASTRY	Sr. Asst. Professor	CHEM
4	Dr M S KAMALA KUMARI	Asst. Professor	ENGLISH
5	Dr.D.V.RAGHU VAMSI	Asst. Professor	ENGLISH
6	Dr R SANTOSH KUMAR	Asst. Professor	IT
7	Dr M KRISHNA SASTRY	Asst. Professor	MATHS
8	Dr. M. SIVARAM PRASAD	Asst. Professor	Physics

b) Faculty who have submitted Ph.D. thesis during the AY: 2016-17 : 11

S.No	Name of the Faculty	Designation	Department
1	MRS. P U KANTHI PRABHA	Assoc. Professor	ECE
2	MRS. D. RAMA DEVI	Assoc. Professor	ECE
3	MR. J. BHASAKAR RAO	Asst. Professor	ECE
4	MR. M. KANNAM NAIDU	Assoc. Professor	MECH
5	MR. R S U M RAJU	Asst. Professor	MECH
6	MR. C. VEERABHADRA RAO	Assoc. Professor	CSE
7	MR. P. RAVI KIRAN VARMA	Assoc. Professor	CSE
8	MR. G V S K REDDY	Assoc. Professor	CHEM
9	MR. M. KIRAN	Asst. Professor	MATHS
10	MRS. D. SWATHI PATNAIK	Asst. Professor	English
11	MR. K.V. RATNA KUMAR	Asst. Professor	English

- Faculty who were sponsored to pursue Full Time Ph.D. during the
AY: 2016-17 : 5

S.No	Name of the Faculty	Designation	Department	Institute/ University
Joined in the year 2016-17				
1	Mr. CH. RAVI SANKAR	Asst. Professor	CIVIL	IIT- Kharagpur
2	Mr. B.V JOGA RAO	Asst. Professor	CIVIL	IIT- Kharagpur
3	Mr. T. P. SRIJANI	Asst. Professor	CIVIL	Andhra University
4	Mr. M. VINODH KUMAR	Asst. Professor	ECE	Andhra University
5	Mrs. H. SUDHA	Asst. Professor	ECE	Andhra University
Pursuing				



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6	MR.B.V.RAMANAIAH	Sr. Asst. Professor	CHEM	IIT Roorkee
7	Mr.CH.VENKATA RAO	Asst. Professor	MATHS	NIT Warangal
8	Mr.D.MALLIKARJUN REDDY	Asst. Professor	CSE	IIT Chennai
9	Mrs.V.LAVANYA	Asst. Professor	ECE	Andhra University
10	Mrs.V.JYOTHI	Asst. Professor	IT	Andhra University
11	Mr. D.ANTHONY BALARAJU	Asst. Professor	CSE	IIT Chennai
12	Mr. VSM SRINIVASA VARMA	Asst. Professor	ECE	IIIT (D&M) Kancheepuram

➤ Faculty recognized as Research Supervisors by JNTU-K - 36.

S.No.	Name of the Dept.	No. of Faculty recognized as supervisors
1	CIVIL	02
2	EEE	03
3	MECH	08
4	ECE	05
5	CSE	07
6	CHEM	06
7	IT	01
8	MBA	02
9	Maths	01
10	Chemistry	01
Total		36

Dr G Venkatarathnam, Prof. of Mechanical Engineering , IIT, Madras expressed the following:

➤ To ensure all future publications are in Scopus Indexed/ Journals with impact Factor and discourage faculty from publishing in paid Journals.

The same was also expressed by the Prof. Chandramouli, Andhra University, Visakhapatnam.

Dr A L Rao, Former COO, WIPRO, Bangalore expressed the following:

➤ To establish and strengthen research focus on Industrial Specific area.

Reviewed and recorded.



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3-GB-9: To review the proposals for Research Centers

The following Departments have applied for Research Center Status in the month of April 2016. Six Departments were visited by committees and two departments, ECE and EEE awaiting the visit.

MECHANICAL, CHEMICAL, ECE, CSE, EEE, MBA, MATHEMATICS

Reviewed and recorded.

3-GB-10: To review the Student Performances (Academic, Extra, Co-Curricular activities)

Academic Performance 2012-16 Batch

Branch	Appeared	Awarded	Distinction	I class	II class	Pass Class	Pass %
CIV	136	112	49	47	16	0	82.4
EEE	143	124	62	49	13	0	86.7
MECH	218	192	122	66	4	0	88.1
ECE	202	155	86	64	5	0	76.7
CSE	132	110	45	46	19	0	83.3
CHE	66	48	20	22	6	0	72.7
IT	49	39	13	20	6	0	79.6
TOTAL	946	780	397	314	69	0	
Overall%		82.45	50.90	40.26	8.85	0	

Autonomous Results

B. Tech (2015 Batch)	Overall Pass %
I Semester	65.22
II Semester	69.31
III Semester	66.63
B.Tech (2016 Batch)	
I Semester	73.34
M.Tech (2015 Batch)	
I Semester	86.08
II Semester	87.34
III Semester	98.75
M.Tech (2016 Batch)	
I Semester	77.08
MBA (2015 Batch)	
I Semester	95.80
II Semester	99.14
III Semester	97.41
MBA (2016 Batch)	
I Semester	99.08



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Sri P.Ashok Gajapathi Raju, Chairman, MANSAS, initiated discussion on student Academic performances in particular about those graduating with II Class. Also suggested to examine, explore and design systems for additional hand holding leading to students graduating only with I Class.

- It was resolved to develop additional Academic support system for improved performance.

MoUs signed 2016-17 : 09.

SL	COLLABORATING ORGANIZATION	Date of Start of MoU	STATUS	PURPOSE
1	Tata Consultancy Services (TCS)	29.04.17	Active	Academic Interface Program
2	Virtusa-Polaris	16.06.16	Active	Centre of Excellence on PEGA
3	CYIENT	23.12.16	Active	Campus and Pool Campus Hiring Institute
4	Leadership Foundation	15.11.16	Active	To establish Technology Hub for Student Activity Centre
5	Conduira	24.04.17	Active	Providing CRT and Online portal support
6	Costuco Pvt. Ltd	08.11.16	Active	Providing Liasioning and Corporate relations with Industry
7	Nicco Ventures Limited	13.08.16	Active	Providing Placement Assistance
8	Internshala	17.11.16	Active	Providing Internships to students
9	Caussius Technologies	14.06.16	Active	To provide better visibility to the college among recruiters

Certification Programs 2016-17:

No. of students certified: 467.

In addition to training on curriculum the Institution encourages the students to actively engage in activities for skill development, learning a new tool etc., About 467 students from various departments underwent training leading to certification by a collaborating industry partner.



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The statement of number of students certified:

No. of students certified	
Name of the program	No. of Students
GIS in collaboration with IIRS	17
Training Program on SIEMENS PLC	42
PTC (Creo, ProE)	84
Embedded Systems Certification Program	79
NI Lab-View Training Program	80
JAVA	55
CCNA	35
CEH	13
SAP	62
TOTAL	467

Student Internships & Professional Club Activities (2016-17):

With a view to give student comprehensive and enhanced learning experience and also as a part of finishing school, students are encouraged to take active part in industry internships.

Student industry internships - 846
Paper presentations - 99
No of MOOC's - 210

Motivational Initiatives:

All the meritorious candidates securing top ranks in their respective classes are awarded academic awards:

An amount of Rs.35,000/- cash award for I ranker from each class
An amount of Rs.23,333/- cash award for II ranker from each class
An amount of Rs.11,667/- cash award for III ranker from each class

Amounts given as cash awards for the academic year 2016-17 :

S.No	Program & Year	Number of Students	Amount (Rs.)
1	I B.Tech.	15	4,08,333
2	II B.Tech.	15	3,96,666



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3	III B.Tech.	15	4,02,499
4	IV B.Tech.	12	69,779
5	M.Tech.	7	70,000
6	MBA	3	50,000
7	MCA	1	5,000
TOTAL		68	14,02,277/-

Medals Instituted:

S.No	Dept.	Name of the Student	%	Name of the Medal
1	Civil	DUBA MOUNICA	94.53	Dr. P. Anand Gajapathi Raju Memorial Gold Medal-Overall topper of B.Tech
2	Chemical	SANDEEP MUKHERJI	87.24	Maharaj Anand Gajapathi Raj Memorial Gold Medal
3	Civil	DUBA MOUNICA	94.53	Dr.PVG Raju Memorial Gold medal
4	CSE	GUNURU SAI MADHUSREE	82.60	Maharaj Alaknarayan Gajapathi Raj Memorial Gold Medal
5	ECE	SUNKARAPALLI SNEHITHA	88.71	Maharani Vidyavati Devi Memorial Gold Medal
6	EEE	KAMPARA LAVANYA	83.97	Maharani Urmila Devi Appalakondayamba Memorial Gold Medal
7	IT	SRAVANI MUDUNURI	78.52	Maharani Lalitha Kumari Devi Memorial Gold Medal
8	Mechanical	GUDALA KAMAL TEJA	84.46	Maharaj Vijayram Gajapathi Raj Memorial Gold Medal
9	MBA	TATA SRAVYA	83.11	Rajkumari Sucharitha Gajapathi Raju Memorial Gold Medal
10	MCA	KORRAI DURGA PRASAD	78.25	Maharaj Narayana Gajapathi Memorial Gold Medal
11	CSE	GOTTIMUKKALA PRUDHVI RAJU	80.16	K.Vani Manasa Memorial Medal
12	EEE	ADIREDDY TULASI DAKSHAYANI	83.37	Prof B Harinarayana Rao Memorial Medal
13	Chemical	DATTI ESWAR RAO	87.00	Prof. G J V J Raju Foundation Medal
14	IT	KAPUGANTI PRAMEELA DEVI	77.23	Gumpina Praneeth Kumar Memorial Medal

Sponsorship - Student projects(2016-17):

The Institution is sponsoring 50% of expenditure for student projects/models who are participating at national level competitions like Bajaa, Supra etc.

S.No	Name of the Team	Vehicle	Sponsored amount in Rs.	Organized By	Position	Awards
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1	TEAM INVINCIBLE-SAE BAJA 2016	Design and fabrication of All-Terrain Vehicle	3,20,895/-	Society of Automotive Engineers (SAE) India, Indore	50/400	--
2	TEAM AADHYA -2017	Design and fabrication of Go Kart	1,15,653/-	Vishnu Go Kart Championship-Bhimavaram	15/50	Only Girls team (16) represented at National level event
3	Team Trail Blazers-2016	Design and fabrication of E-bike	98,000/-	Vishnu E-moto Championship Bhimavaram	8/45	Best Design Award with Rs.10,000/- cash Prize And Trophy
4	SAE SUPRA'2016	Design and fabrication of Racing Car	2,61,771/-	Society of Automotive Engineers (SAE), Greater Noida, India	40/200	--

The details of students participated in Sports, Cultural, NSS and NCC for the AY 2016-17 are:

Sports (2016-17):

Students - represented JNTUK – 14

S.No	Name of the Student	Game	Year/ Branch	Tournament held during the Period
1	D.Venkateswara Rao	Athletic	4/4 ECE	10.12.16 to 16.12.16
2	N.Nishant	Athletic	4/4 Civil	10.12.16 to 16.12.16
3	Shaik Noor Basha	Volley Ball	4/4 CSE	02.12.16 to 06.12.16
4	V.Hemanth Kumar	Cricket	4/4 EEE	02.01.17 to 11.01.17
5	G.Janakiram	Cricket	2/2 MBA	02.01.17 to 11.01.17
6	T.S.R.L.V.Durga Prasad	Cricket	3/4 ECE	02.01.17 to 11.01.17
7	B.Eswara Prasad	Cricket	3/4 ECE	02.01.17 to 11.01.17
8	M.Rakesh Varma	Hockey	2/4 CIVIL	27.12.16 to 31.12.16
9	G.Prasanna Kumari	Basket Ball (W)	2/4 ECE	10.12.16 to 14.12.16
10	S.Monalisa	Basket Ball (W)	2/4 CSE	10.12.16 to 14.12.16



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11	G.Shanmukha Rao	Foot Ball	4/4 Mech.	11.01.17 to 21.01.17
12	B.Sivaji	Foot Ball	3/4 Chem.	11.01.17 to 21.01.17
13	G.Venkatesh	Foot Ball	4/4 Mech.	11.01.17 to 21.01.17
14	M.Lokesh Kumar	Chess	1/4 EEE	12.10.16 to 15.10.16

- College Volley Ball Team - Winners of JNTUK 'A' Zone Inter Collegiate tournament 6th & 7th January, 2017 and Qualified to Central Zone, JNTUK conducted on 26th & 27th February, 2017.
- College Basket Ball Team - Runners of JNTUK 'A' Zone Inter Collegiate tournament 6th & 7th January, 2017 and Qualified to Central Zone, JNTUK conducted on 27th February, 2017
- 2 Gold Medals secured by Mr.D.Venkateswara Rao (4/4 ECE) in Long Jump and High Jump in JNTUK 'A' Zone Inter Collegiate Meet conducted on 8th & 9th December, 2016
- 3 Bronze Medals secured in JNTUK Athletics Inter Collegiate Meet by Mr.D.Venkateswara Rao (4/4 ECE) in Javelin, N.Nishant (4/4 ECE) in 400 mtrs. Running and Usha Kiran (4/4 ECE) in Discuss Throw in JNTUK 'A' Zone Inter Collegiate Meet conducted on 8th & 9th December, 2016
- Individual Athletic Championship to Mr.D.Venkateswara Rao (4/4 ECE) in Inter Collegiate Athletics Meet at JNTUK, Kakinada in 8th & 9th December, 2016

Cultural :

- Mr. Shaik Ishaq Vali (Civil 4th year) is one of the singers for movie 'Naruda Donaruda'.
- Ms. Sireesha (IT 3rd year) - Selected Indian Idol among top 40 and as a 'Duo' with her sister in Rising Stars show in Colors Channel.

NCC :

NCC Unit – 100, 'B' Certificate - 37; 'C' Certificate - 29; Mr.D.Venkateswara Rao, 4/4 ECE and Mr.N.Nishant, 4/4 Civil - Best Cadets



NSS :

- 15 Programmes 100 Volunteers enrolled; Mr.S.H.V.Prasad, 4/4 Mechanical, I.Vishnu Priya, 4/4 Chemical and B.R.S.Bharadwaj, 3/4 ECE – Best Volunteers
- For the academic year 2016-17 – 850 Units of Blood donated
- Best Blood Donation Camp - District level award - by Red Cross Society
- Best Blood Donation Camp - District level award - by M.R Blood Bank
- Adopted Villages: Chintalavasala & Boddavalasa – actively participated in empowerment programs and also supported and conducted plantation program Boddavalasa School.
- Facilitated Skill Development Training to around 60 unemployed village youth

Sri P Ashok Gajipathi Raju, Chairman, MANSAS, in his remarks offered the following suggestions:

- To factor in exposure/ Training to students on character building.
- It was felt the support of Ramakrishna Mission/ Brahma Kumari/ Isha Foundation may be sought.
- Also advised to explore the possibility of inviting yoga experts for student training.
- Appreciated the voluntary student participation through blood donation and expressed that they may be scheduled as per the demand in the district.

Sri P L P Raju Ex-EC Member , Andhra University Suggested to give increased emphasis on fine arts and encourage students to be active:

Dr G Venkatarathnam, Prof. of Mechanical Engineering, IIT, Madras expressed to redefine and refine extracurricular training strategy.

Reviewed and recorded.



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3-GB-11: To review the Placements 2016-17

Total number of placements for the AY 2016-17 (Upto April-2016): 432

S.No	Name of the Company	No of students Placed	S.No	Name of the Company	No of students Placed	S.No	Name of the Company	No of students Placed
1	TCS	17	20	Suventure **	5	39	Tectura India	13
2	Virtusa-Polaris	10	21	Tilicho Intern	2	40	L & W Construction	14
3	Apps Associate	5	22	WHI	2	41	Caddy Code	5
4	Soctrionics	2	23	CODENOVUS	10	42	Rajdeep Info Techno	19
5	PHY Research	10	24	Sonata Software	8	43	Deccan Fine Chemicals India Pvt.Ltd	4
6	Medha Servo	3	25	Teradata	1	44	Indus Teqsite	9
7	UX Reactor India Pvt.Ltd	3	26	Talli Godavari Fine Chemicals Pvt Ltd	10	45	Perceptice Analytics	7
8	IMEG Engineering Pvt.Ltd	2	27	Hyundai Mobis	3	46	Full Creative	4
9	Bondada Engineering Pvt.Ltd	4	28	Efftronics	6	47	Webnoo Technologies	5
10	Abhyeti Technologies Interns	13	29	Nagarro	3	48	Abhra Inc	10
11	Artech Info	18	30	SuneraTech	6	49	Trigent Software	8
12	Com Tec	4	31	Multiplier Solutions	3	50	SV Enviro Labs & Consultants	2
13	Trianz	17	32	Innovative Apps	6	51	Industrial Chemical Corporation	3
14	Dynamics Square	18	33	Amazon	4	52	CtrlS	20
15	Tayana Solutions	7	34	Greenpeace India	7	53	Cloud4C	20
16	XportSoft	6	35	AVRA Labs	13	54	BNP Paribas	11
17	Mordor Intelligence	2	36	Harpy Core Network India	9	55	Sevya IT	10
18	Bonfiglioli-India	1	37	Build Mate	0	56	Bosch	10
19	Miracle Software	8	38	Cyient	10		Total	432



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Training Programs conducted - Training & Placement Cell - 2016-17

S.No	Training Program	Provider	Number of Hours	Target Group	No of Students Trained
1	CRT	Conduira	100	Final Year B.Tech & MCA	694
2	Company Specific Training	FACE	18	Final Year B.Tech	694
3	Freshmen Induction Program	FACE	45	First year B.Tech	893
4	Life Skills Training Program	3 ORBS	45	II Year B.Tech	1062
Total					3343

- Dr G Venkatarathnam, Prof. of Mechanical Engineering, IIT, Madras expressed not to totally rely on IT based employment. Should workout alternative strategy for placement.
- Dr A L Rao, Former COO, WIPRO, Bangalore expressed to review of overall job market situation and aligning accordingly and training also suggested. Short term interventions like offering courses/ training on Artificial Intelligence, Machine Learning, Big-Data and Data Analytics.

Reviewed and recorded.

3-GB-12: To review the Funded Projects – UGC, AICTE, DST etc.

Funded Projects sanctioned for the academic year 2016-17:4

Title of the project	Funded by	Dept.	Amount in Rupees
Funds for improvement of S&T infrastructure	DST	College	30,00,000
Design and Development of Ku Band Microstrip Patch Antenna Array for Satellite applications	DST	ECE	40,00,000
Process optimisation studies on removal of heavy metal from waste water using mixed adsorbents	DST	CHE	26,58,000
Wavelet entropy based multi-scale performance analysis of hydrological models	DST	Civil	19,16,000
Total			1,15,74,000



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Ongoing Funded Projects : 8

Sl	Title of the project	Agency	Principal Investigator	Sanctioned Amount Rs.	Status of the project	Sanction number
1	Wavelet entropy based hydrological model performance analysis	DST	Dr. R. Maheshwaran	19,16,000	Running	IFA12/ENG-28
2	Design and Development of Ku Band Microstrip Patch Antenna Array for Satellite applications	DST	Dr. G.Anjaneyulu	40,00,000	Running	DST/EMR/WTI/2K15/210(G)
3	Process optimization studies on Removal of Heavy Metals from Waste Water using Mixed Adsorbents	DST	Dr. D. Krishna	26,58,000	Commenced	DST/TM/WTI/2K15/210 (G)
4	Funds for improvement of S&T infrastructure	DST	Dr. K. V. L. Raju	30,00,000	Commenced	SR/FST/Coll ege-291
5	Nitrite ion and fluoride ion footprints in the ground water	UGC	Mr. G. V. S. K. Pavan Kumar	2,95,000	Commenced	F.NO: 4-4/2014-15 (MRP-SEM/UGC-SERO)
6	Development of Optode for Fluoride by Digital Color Analysis	DST	Dr. T. V. N. Partha Sarathi	27,65,940	Running	DST/TM/WTI/2K12/184 (C)
7	Surfactant impregnated chitosan as adsorbent removal of dyes from industrial effluents	UGC	Mr. G. Ram Kumar	3,40,000	Running	MRP-4574/14 (SERO/UGC)
8	An Efficient Brain MR Image Segmentation for Easy Diagnostic Process	IEI	Dr. V. Nagesh	1,50,000	Running	R.5/2/UG/13-14
Total				1,51,24,940		

Reviewed and recorded



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3-GB-13: To review the Accreditations/ Approval status: (a) NBA (b) NAAC (c) Autonomous

NBA ACCREDITATION

All the 7 B.Tech programs offered by the Institution were given accreditation by National Board of Accreditation (NBA) in the year 2015. Dept. of Chem. Engg was accredited for 5 years and the rest of the programs for 2 years.

NBA vide its proceeding dated 09.09.2016 revised the period of the accreditation to 3 years on the submission of the pre-qualification reports

S.No	Program of accreditation	Status of accreditation			
		<u>FIRST TIME ACCREDITATION</u>		<u>SECOND TIME ACCREDITATION</u>	
		Status	Years	Status	Years
1	B.Tech. CHEM	Accredited	3 Years from 13.03.2009	Accredited	5 Years from 01.07.2015
2	B.Tech. CSE	Accredited	3 Years from 10.02.2009	Accredited	3 Years from 01.07.2015
3	B.Tech. ECE	Accredited	3 Years from 13.03.2009	Accredited	3 Years from 01.07.2015
4	B.Tech. EEE	Accredited	3 Years from 10.02.2009	Accredited	3 Years from 01.07.2015
5	B.Tech. IT	Accredited	3 Years from 10.02.2009	Accredited	3 Years from 01.07.2015
6	B.Tech. MECH	Accredited	3 Years from 10.02.2009	Accredited	3 Years from 01.07.2015
7	B.Tech. Civil	-	NOT ELIGIBLE	Accredited	3 Years from 01.07.2016
8	MBA	Accredited	3 Years from 04.01.2013	UNDER PROCESS	

The following areas for improvement were short listed by NBA

- Publications
- Patents
- Faculty interaction with outside world
- Consultancy

The following measures were taken

- Increased Faculty Industry internships were encouraged and 102 no. of faculty have actively participated.
- The Institution consciously inviting participation of experts from R & D, Professional bodies and Industry as adjunct faculty and also for Guest lectures.
- Two Professors from IIT-Madras were invited to the campus for one week faculty engagement on Consulting, Research and Collaborative work.



- Publications with impact factor significantly improved.
- Two new Patents were filed during Academic Year 2016-17.

NAAC ACCREDITATION

It is an Institutional accreditation. The Institution has been accredited since 2009

	Cycle	Period	Grade
1	Cycle I	Five years from 15.06.2009	A
2	Cycle II	Five years from 03.03.2015	A

In its report the NAAC committee, while presenting all the strengths of the institution, also listed certain areas for improvement and further strengthening.

Infrastructure

- Space available for the library expected to be improved.
- Advisable to have an exclusive center for R & D.
- Internet Bandwidth is not sufficient.
- To build residential facilities.

Core competencies

- To further strengthen research publications.
- To actively work for more funded projects.
- The Institution is in the process of building student residential facilities particularly for boys.
- About 1.50 Lakh sft. is being built during 2017-18 on an budgetary outlay of about Rs. 20 Cr. and the facility will be available for a strength of about 350 by June 2018. and for another 350 for the AY 2018-19.
- A separate R & D block measuring about 30,000 sft. Will be made available by AY 2017-18. A budgetary provision of about Rs. 4 Cr. was made for the AY 2016-17.
- Internet Bandwidth has been increased from 45 Mbps to 200 Mbps.

UGC - AUTONOMOUS STATUS

The Institution has been granted autonomous status by University Grants Commission (UGC) and conferred by JNTUK, for a period of 6 academic years from 2015-16 to 2020-21.

- Board of Studies of all the program departments have met twice and finalized the syllabus and curriculum for all the UG and PG programs being offered.

AICTE has sanctioned the following 3 new M. Tech. Programs effective from AY 2017-18

- Communication Systems
- Data Sciences
- Product Design and Manufacturing.



The BoS meetings of the above program departments were convened in the first week of June 2017 which will be followed by Academic Council meeting.

All infrastructure including library, laboratories and examination software have been planned for the next period.

Reviewed and recorded

3-GB-14: To Review the Empowerment / Outreach / Community services

The following empowerment /Outreach/Community services programs have been conducted during the academic year 2016-17.

- Digital Literacy on Cashless Transactions
- Swachh Bharat
- Awareness program on the side effects of smoking, alcoholic & child marriages.
- SOIL TESTING
- VETERINARY CAMP
- MEDICAL CAMP
- Project Vikas
- Awareness on utilization of Public Library
- Skill development training for Non teaching staff of MANSAS educational institutions
- Surya Mitra- About 30 candidates with Diploma / ITI certificate have attended Surya Mitra training program conducted the period November, December, January. The program was sponsored by NISE, New Delhi and coordinated by NREDCAP, Vizianagaram
- Sujala Sravanthi- MVGR College of Engineering initiated a program "MVGR Sujala Sravanthi" – RO water is being distributed in Chintalavalasa village at Rs. 2/- for a can of 20 Ltrs.
- Women literacy program - The institution as a part of outreach program under taken 30 day adult literacy program exclusive for women in the age group of 25 to 60 years

About 50 women from Chintalavalasa village are participating actively

16 women staff members of the Institution providing the training services

3-GB-15: To review the Correspondence received from JNTUK/UGC/AICTE/APSCE

NBA:

Lr. No.11-84-2010-NBA, dt.09.09.2016 – Extension of the period of Accreditation Status granted to UG Engineering Program(s) offered by MVGR



APSCHE:

G.O.Ms.No.39, dt.24.06.2016 –Fixation of fee structure for B.E/B.Tech courses in Private Un-aided Professional Institutions in the state of Andhra Pradesh for the block period to 2016-17 to 2018-19 – Notification – Issued.

G.O.Ms.No.40, dt.24.06.2016 –Fixation of fee structure for M.E/M.Tech courses in Private Un-aided Professional Institutions in the state of Andhra Pradesh for the block period to 2016-17 to 2018-19 – Notification – Issued.

G.O.Ms.No.49, dt.28.07.2016 –Fixation of fee structure for MBA/MCA courses in Private Un-aided Professional Institutions in the state of Andhra Pradesh for the block period to 2016-17 to 2018-19 – Notification – Issued.

JNTUK:

Lr.No.DAP/B1/Clearing of Dues/2015-16,dt.17.05.2016 – Academic & Planning – EAMCET/PGECET/ICET – 2016 – Counseling – Clearing of Dues.

Lr.No.JNTUK/RP/Academic/2016, dt.24.05.2016 – Academic matters – Access to reputed e-Journals – Meeting of Managements/Principals of the Affiliated Colleges – Rescheduled

Lr.No.JNTUK/DAP/B1/B.Tech/B.Pharmacy/2016-17, dt.26.05.2016 – Grant of Temporary / Renewal Affiliations to Private Engineering Colleges under the jurisdiction of JNTUK for the academic year 2016-17 – List-1 of Approved Affiliated Colleges and particulars of intakes for inclusion in the EAMCET-16 Counseling.

Lr.No.DAP/Bio-Metric/2016, dt.28.05.2016 – DAP – Furnish the information regarding Bio-Metric implementation system.

DAP/B1/National e-Scholarship/2016-17, dt.23.06.2016 – Affiliated colleges – Implementation of “Central Sector Scheme of Scholarship for College students through National 3-Scholarship” – Online Application.

Lr.No.JNTUK/DGS/UGC/GB Meeting/2016, dt.05.08.2016 – General Body Meeting – Faculty of Physical Education.

Lr.No.DAP/B1/Dues/2016-17(33), dt.17.08.2016 – Academic & Planning – Clearing of dues.

Lr.No.1/Registrar/DFD/FDP on improving the presentation skill in teaching/2016-17, dt.10.09.2016 – Directorate of faculty Development (DFD) – Faculty Development Programme (FDP) – One day workshop on improving the Presentation Skills in teaching for Engineering and MBA faculty.

Reviewed and recorded.



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3-GB-16: To review the compliance report for 2016-17 budget and also to discuss the Proposed Budget for the academic year 2017-18

Budget Reconciliation for the ay 2016 -17 - Expenditure as on 30-4-2017

S.NO	Expenditure head	Budgeted amount Rs..		Utilization as on 30-4-2017		% utilisation	
A	College Central Exp..						
1	Campus Civil Works						
1.1	Central Library	200.00		200.00			
1.2	Solar power Project	210.00	410.00	199.00	399.00	94.76	97.32
2	Provision for Assets Replacement Fund(Depreciation Fund)		250.00	250.00	250.00		100.00
3	Cost of General facilities operation:						
3.1	Power & fuel	35.00		29.00		82.86	
3.2	Insurance of Assets	2.50		1.25		50.00	
3.3	Telephone charges	3.50		1.86		53.11	
3.4	Vehicle operation & maintenance	12.00	53.00	6.43	38.54	53.58	72.72
4	Central Assets maintenance						
4.1	Civil maintenance & Plumbing	10.00		21.32		213.20	
4.2	Mechanical maintenance	3.30		3.07		92.97	
4.3	Electrical maintenance	3.50		1.52		43.37	
4.4	Renovation of Electrical lines	5.50		16.94		307.93	
4.5	Central e -Services	74.20	96.50	33.83	76.67	45.59	79.45
5	Affiliating / Mandatory/Statutory Exp..						
5.1	AICTE/NBA/NAC appli., processing fee.	11.00		2.04		18.58	
5.2	JNTU fee(infra& other fee)	80.00		82.70		103.37	
5.3	VUDA fee/ Panchayat Cess	23.00		0.00		0.00	
5.4	Finance charges	0.75	114.75	2.61	87.35	347.54	76.12
6	Salaries& contractual payments						
6.1	Faculty and staff	2000.00		1791.15		89.56	
6.2	Sanitation, Housekeeping, Land Scaping, Garden maintenance, etc.,	65.00		62.05		95.46	
6.3	Security	25.00	2090.00	22.19	1875.39	88.76	89.73
7	Professional services/ Logistics & Hospitality						
7.1	A/c.ing and Audit Exp.	8.00		4.59		57.31	
7.2	Legal advisory	6.00		0.70		11.67	
7.3	Medical facility	5.00		0.04		0.90	
7.4	Architect consultancy	16.50		0.34		2.07	
7.5	Core advisory services	5.00		4.72		94.39	
7.6	Transport facility to the senior professors.	11.00		7.47		67.94	
7.7	Hospitality on invited talks	5.50	57.00	2.48	20.34	45.06	35.69
8	Central Library Development						



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8.1	Cost of Books	15.40		16.16		104.94	
8.2	Digital Library Subscription of AICTE e- journals.	27.50		27.10		98.56	
8.3	print journals subscription	5.50		3.12		56.76	
8.4	Library maintenance	3.30	51.70	3.26	49.64	98.70	96.02
9	R &D and faculty Development						
9.1	R& D.Cell Promotion	35.00		15.53		44.37	
9.2	Faculty Research incentives	6.60		2.13		32.28	
9.3	Faculty & Students R&D (students projects & Conferences)	25.75	67.35	5.25	22.92	20.41	34.02
10	Student Activities						
10.1	Academic awards	22.00		15.30		69.54	
10.2	Student functions	16.00		11.70		73.13	
10.3	Training & placement	20.20		14.02		69.39	
10.4	NCC activities	1.00		1.23		123.05	
10.5	NSS activities	0.70		0.79		113.03	
10.6	Sports & Games.	25.00		29.96		119.84	
10.7	Cultural Activities	5.00		0.98		19.64	
10.8	Women Empowerment activities	2.50	92.40	0.00	73.98	0.00	80.07
11	Promotional exp..						
11.1	Advertisement/Magazine	27.50		20.35		74.00	
11.2	Sponsorships/ contributions	10.00	37.50	7.70	28.05	77.01	74.80
12	Office & Admn. exp..						
12.1	Admn. office maintenance	5.50		3.05		55.47	
12.2	Executive Training	5.00		2.75		55.08	
12.3	Hospitality to Guests/inivities	3.00		2.34		77.88	
12.4	Stationery	15.00	28.50	4.20	12.35	28.03	43.32
	General Amenities & Infrastructure						
13.1	Furniture	45.00		19.13		42.51	
13.2	Purchase of items other than Equipment	15.00		41.23		274.85	
13.3	Relocation/Renovation of Dept. labs & premises	5.82	65.82	1.37	61.72	23.50	93.78
14	Employee welfare		6.00	2.41	2.41		40.12
B	B. Department wise Allocations:						
B.1	Equipment	80.86		124.20		153.59	153.59
B.2	Lab Maintenance & Consumables	26.82		8.39		31.26	31.26
B.3	Department office Maintenance	5.28		5.42		102.70	102.70
B.4	Guest lectures	7.25		2.74		37.82	37.82
B.5	Seminars/workshops conducted	21.20		7.92		37.38	37.38
B.6	Industrial tours /visits	3.02		0.00		0.00	0.00
B.7	Faculty Development	13.90		18.41		132.46	132.46
B.8	Advisory committee meetings (BOS/A.C/GB Meetings)	6.35		1.17		18.48	18.48
B.9	Dept. library investment	6.25		0.05		0.80	0.80
B.10	Hospitality	3.66		1.56		42.70	42.70



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B.11	Professional Body membership	3.30		2.57		77.99	77.99
	Department wise allocations Total		177.90		172.44		96.94
	Grand Total		3598.42		3170.79		88.12

Budget Reconciliation 2016-17- Expenditure (As on 30-4-2017)

S.No	Expenditure	Rs.lakhs	
1	Budgeted exp.		3598.42
2	utilised up to 30th april.2017	3170.79	
3	Committed expenditure		
a	Civil works (Revised)	250.00	
b	Committed operational cost	177.63	
c	Total expenditure		3598.42

Income head	Amount Rs. lakhs
Tuition Fee Receivable	3213.31
special fee receivable	174.23
Funds from management	500.00
Other financial support (a) Depreciation Corpus	1200.00
(b) Term loan from Banks	548.05
Total Budgeted income	5635.59

Proposed Budget Expenditure for the academic year 2017-18

(from june-2017 to MAY 2018)

S.NO	Expenditure head	Rs. In lakhs.	
A	College Central Exp..		
1	Campus Civil Works		
1.1	Boys hostel		1500.00
2.	Provision for Assets Replacement Fund(Depreciation Fund)		250.00
3	Cost of General facilities operation:		
3.1	Power & fuel	22.00	
3.2	Insurance of Assets	3.00	
3.3	Telephone charges	4.00	
3.4	Vehicle operation & maintenance	12.00	41.00
4	Central Assets maintenance		
4.1	Civil maintenance & Plumbing	11.00	
4.2	Mechanical maintenance	3.00	
4.3	Electrical maintenance	4.00	
4.4	Renovation of Electrical lines	6.00	
4.5	Central e -Services	82.00	106.00



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5	Affiliating / Mandatory/Statutory Exp..		
5.1	AICTE/NBA/NAC appli.,processing fee.	11.00	
5.2	JNTU fee(infra& other fee)	80.00	
5.3	VUDA fee/ Panchayat Cess	24.00	
5.4	Finance charges	1.00	116.00
6	Salaries& contractual payments		
6.1	Faculty and staff	2400.00	
6.2	Sanitation, Housekeeping, Land Scaping, Garden maintenance, etc.,	70.00	
6.3	Security,	25.00	2495.00
7	Professional services/ Logistics & Hospitality		
7.1	A/c.ing and Audit Exp.	8.00	
7.2	Legal advisory	6.00	
7.3	Medical facility	5.00	
7.4	Architect consultancy	40.00	
7.5	Core advisory services	5.00	
7.6	Transport facility to the senior professors.	11.00	
7.7	Honorarium for invited talks	5.00	80.00
8	Central Library Development		
8.1	Cost of Books	17.00	
8.2	Digital Library Subscription of AICTE e- journals.	38.00	
8.3	print journals subscription	4.75	
8.4	Gifts Books for invitees, resource persons	1.00	
8.5	Library maintenance	4.00	64.75
9	R &D and faculty Development		
9.1	R&D investment	10.80	
9.2	Internal- R &D	14.00	
9.3	Financial support to external Research projects	4.00	
9.4	Financial support to student research projects	5.40	
9.5	Research incentives -faculty	5.40	
9.6	Investment in Add - on courses	2.50	42.10
10	Student Activities		
10.1	Academic awards	18.00	
10.2	Student functions	12.00	
10.3	Training & placement	29.00	
10.4	NCC activities	1.00	
10.5	NSS activities	1.00	
10.6	Sports & Games.	25.00	
10.7	Cultural Activities	5.00	
10.8	Women Empowerment activities	3.00	94.00
11	Promotional exp..		
11.1	Advertisement/Magazine	20.00	
11.2	Sponsorships/ contributions	10.00	30.00



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12	Office & Admn. exp..		
12.1	Admn. office maintenance	6.00	
12.2	Academic Leadership Training	8.00	
12.3	Hospitality to Guests/invitees	3.00	
12.4	Stationery	10.00	27.00
	General Amenities & Infrastructure		
13.1	Furniture	45.00	
13.2	Purchase of items other than Equipment	15.00	60.00
14	Employee welfare		
14.1	Gratuity - Initial payment	400.00	
14.2	Gratuity - annual subscription	40.00	440.00
B	Department Allocations:		
B.1	Equipment :		
	a. Laboratory	106.40	
	b. Office	7.10	
	Software		
	a. New licenses	6.50	
	b. Renewals	7.50	127.50
B.2	Dept .Laboratories Maintenance:		
	a. Laboratory Cosumables	8.38	
	b. Repairs	9.89	
	c. Operational cost	1.98	20.24
B.3	Dept. Office maintenance		
	a. Stationery	6.67	
	b. Copier maintenance cost	1.52	
	c. Printers maintenance cost	0.65	
	d. Other dept. maintenance cost	1.12	9.96
B.4	Renovation/Relocation:		
	a. Laboratory	8.10	
	b. Department office/faculty rooms	5.18	13.28
B.5	FACULTY DEVELOPMENT		
	a. Seminars/conferences/workshops- proposed	20.50	
	b. Seminars/conferences/workshops- participation	17.10	
	c. Internships	4.90	
	d. Industrial visits	1.85	
	e. Professional body registration - Institutional	1.10	
	f. Professional body registration - faculty	2.40	47.85
B.6	STUDENT DEVELOPMENT		
	a. participation in seminars /conferences/workshops	2.95	
	b. Industrial visits	5.20	
	c. Guest lectures/invited talks	9.48	17.63
B.7	HOSPITALITY		



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	a. Department meetings	1.73	
	b. Parents meetings	0.84	
	c. visiting guests	4.32	
	d. Alumni visits	10.25	
	e. BOS meetings/ Advisory	1.15	18.29
B.8	FURNITURE		
	a. laboratory	2.35	
	b. Office	12.35	
	c. Class room	7.95	22.65
B.9	Dept. Library Maintenance		
	a. Books	7.95	
	b. Magazines/journals	0.65	
	c. On line services- subscription/renewals	3.75	12.35
	Total exp.		5635.59

At the end of the meeting, Dr K V L Raju, Member Secretary and Principal thanked all the Governing Body members for their presence and valuable suggestions.


(Dr. K V L Raju)
Member Secretary


(Sri P Ashok Gajapathi Raju)
Chairman
20-5-2017

Mahatma Raj College of Engineering, VIZIANAGARAM, 19th Governor Bldg. Meeting held in the Institution Premises on 23-04-2016 at 11.00 A.M.

Members Present

- 1) Smt. Ashok G. Peltte, B.Tech - Chairman, MAUSAS
 Chairman - MAUSAS
 Fort, Vizianagaram
- 2) Dr. D.R.K. Reddy - Correspondent, MAUSAS
 Correspondent, MAUSAS
 Fort, Vizianagaram
- 3) Southern Central Regional Officer - AICTE
 AICTE, Hyderabad
- 4) Prof. K. Chandrashekhara - State Govt. Institute of Technology
 Professor of Physics
 A.U., Vizianagaram
- 5) Dr. P. D. Gupta - Director & Distinguished Scientist
 Director & Distinguished Scientist -
 Raj Ramesh Centre for Advanced
 Endore - 452 103 (M.P.) Technology
- 6) Dr. P. Prabhakara Reddy - JNTU
 Rector, JNTU
 Kakinada

7) Prof. Anand-Gang — Nominee
 Chairman, Research & Applications
 chairman, Library Committee
 Indian Institute of Management
 Ahmedabad

13) S.
 N.
 C.

8) Dr. G. Krishnam Ragh. — Nominee *G. Ragh.*
 Professor (Retd.)
 College of Engg. A.C.
 Vicolapetram.

14) B.
 M.

9) Dr. A. Lakshmana Rao — Nominee *Laksh.*
 Former C.E., WIPRO
 132, M.A. - A. road
 Domlur - 2nd Stage,
 Bangalore

16) D.
 M.

10) Dr. G. Venkatesh Raghavan — Nominee *
 Professor of Mech. Engg.
 IIT, Madras

17) D.
 M.

11) - Dr. Y. V. N. Krishna Murthy — Nominee *Y. V. N. Krishna Murthy*
 Scientific Secretary
 ISRO, HQ.
 Bangalore

12) Sri V. Raghavan — Nominee *V. Raghavan*
 Vice-President & Regional Head
 Global Head - Technology Business Unit
 ICL Ltd., Hyderabad

End of list

English
Hindi
Urdu

13) Sri P. L. P. Raju
Near Mrs. Bungalow
Cantonment, Vizianagaram

← Nominee

Acharya

English

14) Prof. D. F. Ramachandra Raju
Vice - Principal (Admin)
MVR College of Engg. (A), VZ

← Senior Faculty

✓

English

15) Dr. P. Brindranath
Prof. of Mech. - Engg
MVRCE (A), VZ

← Dean - Strategic Planning

✓

English

English

16) Dr. Y. H. C. Sekhar
Vice - Principal (Academics)
MVRCE (A), VZ

← Senior Faculty

✓

English

English

17) Dr. K. L. Raju
Principal
MVRCE (A), VZ

← Member Secretary

✓

English

English

English

English

English

English

English



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Minutes of meeting of Governing Body:

A Meeting of the Governing Body was held on 23.04.2016 at 11.00AM at Conference hall, Admin. Block.

Members on Governing Body:

S.No.	Name	Designation	Position
1	P.Ashok Gajapathi Raju	Chairman, MANSAS, Fort, Vizianagaram	Chairperson
2	Dr. D R K Raju	Correspondent, MANSAS	Member
3	Sothorn Regional Officer	SRO-AICTE, Hyderabad	Ex-Officio
4	Prof. Chandra Mouli	Professor of Physics, Andhra University, Visakhapatnam	Member
5	Dr.P.D.Gupta Director & Distinguished Scientist, Raja Ramanna Centre for Advanced Technology	UGC Nominee, New Delhi	Member
6	Dr.B.Prabhakara Rao	Rector JNTUK, Kakinada	Member
7	Prof.Amit Garg	Chairman, Research & Publications, IIM, Ahmedabad	Member
8	Dr.G.Krishnam Raju	Professor (Retd.), College of Engineering, AU	Member
9	Dr.A.Lakshmana Rao	Board Member, TRAINZ Consultancy	Member
10	Dr.G.Venkatarathnam	Professor of MECH, IIT, Madras	Member
11	Dr.Y.V.N.Krishna Murthy	Scientific Secretary ISRO, HQ, Bangalore	Member
12	Mr.V.Rajanna	Vice-President & Regional Head Global Head – technology Business Unit, TCS, Hyderabad	Member
13	Sri P.L.P.Raju	Ex-EC Member, Andhra University	Member
14	Prof. D.J.J.Ramachandra Raju	Vice-Principal(ADMN), MVGR	Member
15	Dr.P.Ravindranath	DEAN (SP), MVGR	Member
16	Dr.Y.M.C.Sekhar	Vice-Principal(ACAD), MVGR	Member
17	Dr.K.V.L.Raju	PRINCIPAL, MVGR	Member Secretary



P. Ashok Gajapathi Raju, Chairman (GB) chaired the meeting and Dr K V L Raju, Member Secretary and Principal welcomed all the members to the second Governing Body meeting of MVGR College of Engineering after conferment of Autonomous status. He introduced the external members of Governing Body Dr B Prabhakara Rao, Rector, JNTUK, Dr. A L Rao, former C E O, WIPRO, Dr Y V N K Murthy, Scientific secretary, Bangalore, Prof. Chandramouli, Professor of Physics, Andhra University, Dr G KrishnamRaju, Retd, Professor, Andhra University, and P L P Raju, Ex-EC member, Andhra University. All the internal members of the Institution have introduced themselves. Before starting the meeting, all the members observed 2 minutes silence as a mark of respect and also paid homage to Dr. P. Anand Gajapathi Raju, Chairman- MANSAS, who passed away on 26-03-2016.

The following agenda was taken up for discussion:

- 1 To review the minutes of earlier Governing Body Meeting
- 2 To review the Accreditations / Approval Status : (a) NBA (b) NAAC (c) Autonomous
- 3 To review the New Labs/Infrastructure developed
- 4 To review the building Infrastructure
- 5 To review the Human Resources
- 6 To review the Learning Resources
- 7 To review FDPs conducted/ to be conducted
- 8 To review the Research and Higher Learning
- 9 To discuss the Proposals for Research Centers (MBA, EEE, CIVIL & MATHEMATICS)
- 10 To review the Student Performances (Academic, Extra, Co-Curricular activities)
- 11 To review the Placements 2015-16
- 12 To discuss the proposal for additional Courses/Intake/Closure
- 13 To review the Funded Projects – UGC, AICTE, DST etc.
- 14 To review and discuss the correspondence received from JNTUK/UGC/AICTE/APSCH
- 15 To review and ratify the minutes of Academic Council and Finance Committee Recommendations
- 16 To review the compliance report for 2015-16 budget and also to discuss the Proposed Budget for the academic year 2016-17
- 17 Any other item with the permission of the Chairman



The minutes of meeting:

2-GB-1: To review the minutes of earlier Governing Body Meeting

- Resolved to identify the faculty who have completed Ph.D. aged below 35 and to encourage them to make project proposals under the young scientist category
- Proposals of the following faculty for the award of YOUNG SCIENTEST are under active consideration by AP Academy of Sciences:
 - 1) Dr. TANSN Varma, Assoc. Prof. of ECE
 - 2) Dr. BMB Krushna, Asst. Prof. of MATHS
- Resolved to offer certification programs to the students of other institutions
- The institution, as a part of Tripartite Agreement with SIEMENS, APSSDC offering Skill Development Programs in the areas of Automobile, Welding, Design and Manufacturing.
- Resolved to identify the faculty from various disciplines and form an interdisciplinary research team.
- Faculty members from various departments were identified and formed as teams to involve in inter disciplinary research. The institution was granted a project by DST under the scheme of FIST, multidisciplinary in nature
- Resolved to offer more skill development programs for local community in collaboration with government.
- The institution in collaboration with New & Renewable Energy Development Corporation of AP (NREDCAP) offering skill development programs on Solar Power Equipment Installation.

Also, in collaboration with District Administration, offering Skill Development Training to the local community in the following areas:

- Welding
 - Machining
 - House Wiring
 - Masonry
 - Networking and Computer hardware
- Faculty be encouraged to pursue their Ph.D. in reputed institutions like IITs and NITs.



- The following faculty were sponsored to pursue Ph.D. in reputed Institutions including IITs & NITs:

S. No.	Name of the Faculty	Designation	Department	Institute/ University
1	Mr.B.V.Ramanaiah	Sr. Asst. Professor	CHEM	IIT Roorkee
2	Mr.Ch.VenkataRao	Asst. Professor	MATHS	NIT Warangal
3	Mr.D.Mallikarjun Reddy	Asst. Professor	CSE	IIT Chennai
4	Mr.B.Srinivas	Asst. Professor	MECH	South Korea
5	Ms.V.Lavanya	Asst. Professor	ECE	Andhra University
6	Ms.V.Jyothi	Asst. Professor	IT	Andhra University
7	Mr. D.AnthonyBalaraju	Asst. Professor	CSE	IIT Chinnai
8	Mr. VSM SrinivasaVerma	Asst. Professor	ECE	IIIT (D&M) Chinnai

➤ Faculty be encouraged to attend more number of workshops in reputed institutions

- Number of FDPs attended by faculty for the academic year 2015-16 is 219 whereas the same in the last year is 166 (About 35% increase).

➤ Subjects relevant to the contemporary developments are recommended to be offered as core elective subjects.

- Discussed in the BoS meetings and the same was implemented. The following is the list:

- Applications of RS and GIS – CIV
- Special Electrical Machines – EEE
- Digital Control Systems – EEE
- Advanced Power Electronic Controllers – EEE
- Product Life Cycle Management – MECH
- Advanced Engg. System in Motion Dynamics of 3D Motion – MECH
- VI using Lab view – ECE
- Embedded and Real time Operating Systems – ECE
- Grid and Cluster Computing – CSE
- Computer Forensics and Cyber Security – CSE



- Embedded Systems – CSE
- .NET Technologies – CSE
- Fire walls and VPN – CSE
- E Commerce -CSE
- To propose introduction of Ph.D. programs in Civil Engineering and Electrical & Electronics Engineering and MBA
- Proposals for Research Center status of CIVIL, EEE, MBA and MATHS departments were already submitted to JNTUK and the same is in active consideration.
- To propose introduction of M.Tech. programs in Aeronautical Engineering, CAD/CAM, Microwave and Communication Engineering and Environmental Engineering
- It was deferred in view of the requirements of consolidation and challenges arising out of transition from Affiliated to Autonomous status.
- To consider residential quarters as the institution and departments were recognized as research centers which necessitates the need for activities beyond scheduled hours.
- Proposed to be taken up in 2017-18
- To increase the allocations for cultural and possible community services.
- Allocations for cultural and community services have been increased to the tune of 25% from Rs. 4,00,000/- to Rs. 5,00,000/-
- To implement Virtual Private Network (VPN) server for improving the utilization of internet and increase in access beyond working hours.
- Internet band width is increased from the current 45 mbps to 175 mbps and also EZ Proxy server is installed to provide access to e-journals from home

Dr Y V N K Murthy, Scientific adviser, ISRO appreciated for action taken report of previous meeting.

Reviewed and recorded.



2-GB-2: To review the Accreditations / Approval Status : (a) NBA (b) NAAC (c) Autonomy

a) **NBA ACCREDITATION** : All the seven B.Tech. Programs being offered were reaccredited and also MBA Program reaccreditation is in the process.

S.No.	Program of accreditation	Status of accreditation			
		<u>FIRST TIME ACCREDITATION</u>		<u>SECOND TIME ACCREDITATION</u>	
		Status	Years	Status	Years
1	B.Tech. CHEM	Accredited	3 Years from 13.03.2009	Accredited	5 Years from 01.07.2015
2	B.Tech. CSE	Accredited	3 Years from 10.02.2009	Accredited	2 Years from 01.07.2015
3	B.Tech. ECE	Accredited	3 Years from 13.03.2009	Accredited	2 Years from 01.07.2015
4	B.Tech. EEE	Accredited	3 Years from 10.02.2009	Accredited	2 Years from 01.07.2015
5	B.Tech. IT	Accredited	3 Years from 10.02.2009	Accredited	2 Years from 01.07.2015
6	B.Tech. MECH	Accredited	3 Years from 10.02.2009	Accredited	2 Years from 01.07.2015
7	B.Tech. Civil	-	NOT ELIGIBLE	Accredited	2 Years from 01.07.2016
8	MBA	Accredited	3 Years from 04.01.2013	UNDER PROCESS	

b) **NAAC ACCREDITATION**: Further, the Institution was successfully reaccredited again by NAAC for second time of another five years with 'A' Grade.

	Cycle	Period	Grade
1	Cycle I	Five years from 15.06.2009	A
2	Cycle II	Five years from 03.03.2015	A

c) **UGC - AUTONOMOUS STATUS**

The Institution has been granted autonomous status by University Grants Commission (UGC) and conferred by JNTUK, for a period of 6 academic years from 2015-16 to 2020-21.

Reviewed and recorded.



2-GB-3: To review the New Labs/Infrastructure developed

Number of existing Labs (up to AY 2014-15): **54** Cost : about Rs. **10 Crore**

New labs established for the AY 2015-16: **6**

S.No.	Lab name	Investment (Rs.)	Area (in sfts)
1	Power Systems Lab - M.Tech.(PS)	6,47,000	1830
2	DSP Based Drives Lab –B.Tech. (EEE)	16,28,000	1830
3	PLC & AC Drives Lab – SIEMENS – R&D	22,09,000	1830
4	Computer Lab 1 (Turing Lab)- CSE	25,58,630	1830
5	Computer Lab 2 (Berners Lee Lab)- CSE	25,78,530	1830
6	Loading Frame –M.Tech. (CIVIL)	3,10,000	1453
	TOTAL	99,31,160	10,603

Reviewed and recorded.

2-GB-4: To review the building Infrastructure

Existing Built up area upto 2014-15 : 4,22,233 sft.

a) Built up area (2015-16) : 41,745 sft.

S.No.	Name of the Building				Total Area (Sqmt)
		G.F	F.F	S.F	
1	Civil SF (chemical)			1952	1952
2	Girls hostel				
3	Office:	-	-	230	230
4	C block	-	849	849	1697
	Total	41,745 sfts			3880

Total built up area : 4,63,978 sft.



b) Proposed built up area (2016-17) : 68,251 sft.

S.No.	Name of the Building	Built-up Area (Sqmt)			Total Area (Sq.m)
		G.F	F.F	S.F	
1	Central library	1410	1330	1330	4070
2	Pavilion	325			325
3	T&P block	418			418
4	R&D lab	930			930
5	Canteen FF	600			600
6	Extension of bank	90			90
	Total	69, 219 sft			6433

Reviewed and recorded.

2-GB-5: To review the Human Resources

QUALIFICATION:

Ph.D.	Ph.D. Thesis Submitted	Ph.D. Pursuing	M.Tech. / PG	B.Tech.	Adjunct Faculty	Total
59	5	84	82	10	17	257

CADRE RATIO: 1:2:6

Professors	Associate Professors	Assistant Professors	Adjunct faculty	Total
35	39	166	17	257

GENDER RATIO: 4:1

Male: 205

Female: 52

Dr G V Ratnam, Proessor, IIT- Madras, appreciated the management for engaging substantial number of faculty with Ph.D's and also advised to take up funded projects.

Reviewed and recorded



2-GB-6: To review the Learning Resources

Library:

Titles	Volumes	Average Users per Day	Area Sfts
16243	54827	325	9329

Working hours:

DAY	LIBRARY TIMINGS
Mon-Sat	08.00 AM -09.00 PM
Sunday	09.00 AM-01.00 PM
Computing facilities with INTERNET	09.00 AM -09.00 PM

E- Resources:

E-BOOKS

- McGRAW-HILL-365 nos
- ASTM Digital Library-1700

E-JOURNALS

- IEEE
- SPRINGER(Electrical& Electronics)-134
- SPRINGER (Mechanical)-46
- ASCE (Civil Engineering)-34
- ELSEVIER (Science Direct)-275,

ARTICLE DATABASE

- J-GATE Engg. – 1,763
- J-GATE Management– 2128)

E-Learning material:

NPTEL Web Courses – 129 subjects

Video Courses – 110 (Each 40 hours)

IUCEE Material: 1 Terabyte hard disc

NITTTR Material: 275 CDs on all subjects

Internet Bandwidth:175 mbps

Reviewed and recorded.

**2-GB-7: To review the FDPs conducted/ to be conducted**

- Workshops - Faculty attended - 218
- Industrial visits - Number of Faculty participated - 101
- No. of faculty who have done the MOOCs - 31

a) FDPs conducted / organized during the period (2015-16): 12

S.No.	Title of FDP	Dept	Dates	Resource Persons
1	Real-time Applications of Microcontrollers and DSP	EEE	15.06.2015 to 19.06.2015	Dr. Shivaji Chakravorti, Jadavpur University, Kolkata & IEEE India Council Chair Elect
				Dr. S.G. Kadwane Professor-EEE, YCCE, Nagpur
				Dr. D.K. Mohanta Professor & Head -EEE MVGR College of Engineering
2	Soft Computing Techniques-2016 (SCT-2K16),	EEE	14.03.2016 to 15.03.2016	Dr. Sri Ram Srinivas, IIT Chennai
				Dr. Swagatam Das, Indian Statistical Institute (ISI), Kolkata,
3	PIPETNET 2015	CIVIL	16.12.2015 to 18.12.2015	Dr. S. Chandramouli
4	World water day	CIVIL	22.03.2016	Dr. S. Chandramouli
5	Emerging Trends in Manufacturing	MECH	20-07-15 to 21-07-15	Prof P N Rao, University of IOWA, Northern California, U.S.A
6	Mechanical Circulatory Support Systems in Cardiovascular Fluid Mechanics	MECH	27-02-16	Dr Prasad Patnaik IIT-Chennai
7	Advances in Manufacturing	MECH	05-03-16	Dr P Radhakrishnan, PSG-Coimbatore
8	Wipro Mission10X Engineering student workshop	ECE	21.07.15 to 24.07.15	Dr. M.S Sricharan, WIPRO
9	Wipro Mission10X Engineering faculty workshop	ECE	02.03.16 to 04.03.16	Prof. P.L.Satheesh Kumar, WIPRO
10	Advances in Digital Signal Processing	ECE	19.02.16 to 20.02.16	Dr. Abraham Varghese, Addl. Director, NSTL, VSP



MVGR College of Engineering (Autonomous)

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Listed U/S 2(f) & 12 (B) of the UGC Act 1956

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Code

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				Dr. CH. Srinivasu, Principal, DIET Dr. M.V.S Sai Ram, Professor-ECE, GVPCOE(A) Dr. K. Murali Krishna, Prof. & HOD- ECE, ANITS(A) Mr. D. Yugandhar, AITAM Mr. P. Surya Prasad, MVGR(A)
11	Freedom Fest	CSE	27.02.2016 to 29.02.2016	Mrs. NalniKanth (Thought works) Mr. Sumanth (Mozilla) Mr. Sripath (KLU) Mr. Vamsi (MVGR) & Mr. B.Srinivas (MVGR)
12	Training Program office 365	CSE	02.01.2016	Mr.D.Varma& Team M/s. Nexus Technology Pvt. Ltd.,

b) FDP Proposals - 2016-17:14

S.No.	Title of FDP	Dept	Probable dates
1	Modeling and Analysis of Multistoried buildings	CIVIL	13 th to 18 th June-2016
2	Durability studies in concrete	CIVIL	December-2016
3	World Water Day	CIVIL	March -2017
4	PIPENET 2016	CIVIL	August-2016
5	Real-time Applications of Microcontrollers and DSP	EEE	November 2016
6	Two Day National Workshop on Emerging Trends in Automotive Technologies (ARAI)	MECH	July 3 rd week
7	One week FDP/Workshop	ECE	3 rd week of October, 2016
8	Data Analytics	CSE	14.11.2016
9	CFD	CHEM	OCTOBER 14,15-2016
10	Data Mining & Big Data	IT	June/July' 16
11	Experimental physics and its outcomes to engineering applications	PHY	January 2017
12	Technology enabled services in banking	MBA	October, 2016
13	Digital Marketing	MBA	November, 2016
14	Innovative HR Practices	MBA	December, 2016



VIJAYARAM NAGAR CAMPUS, CHINTALAVALASA VIZIANAGARAM-535 005
08922-241199, 241732, Fax : 08922-241039, 241014 Website : www.mvgrce.edu.in





Dr Y V N K Murthy, Scientific adviser, ISRO suggested to consider conduct of more number of workshops on multidisciplinary concepts.

- It is resolved to conduct more number of workshops on multi disciplinary concepts like Robotics, Mechatronics, PLM etc.

2-GB-8: To review Research and Higher Learning

- No. of paper publications :186
➤ Number of Faculty Pursuing Ph.D. : 84

a) Faculty who were awarded Ph.D. during the AY: 2015-16 : 7

S.No.	Name of the Faculty	Designation	Department
1	Dr.TANSNVarma	Asst. Professor	ECE
2	Dr.R.Santosh Kumar	Asst. Professor	IT
3	Dr.G.Sandhya Devi	Asst. Professor	CSE
4	Dr.P.SrinivasaRao	Sr. Asst. Professor	CSE
5	Dr. I. Sudhakar	Assoc. Professor	Mechanical
6	Dr. SVAR Sastry	Sr. Asst. Professor	CHEM
7	Mr. J. LakshmanRao	Asst. Professor	Chemical

b) Faculty who were submitted Ph.D. thesis during the AY: 2015-16 : 5

S.No.	Name of the Faculty	Designation	Department
1	Mr.B.Srinivas	Asst. Professor	CSE
2	Mrs. S. Kamala Kumari	Asst. Professor	English
3	Mr. DV Raghuvamsi	Asst. Professor	English
4	Mr. C. VeerabhadraRao	Assoc. Professor	CSE
5	Mr. G. Anjaneyulu	Assoc. Professor	ECE

c) Faculty who were sponsored to pursue Full Time Ph.D. during the**AY: 2015-16 : 6**

S.No.	Name of the Faculty	Designation	Department	Institute/ University
1	Mr.B.V.Ramanaiah	Sr. Asst. Professor	CHEM	IIT Roorkee
2	Mr.Ch.VenkataRao	Asst. Professor	MATHS	NIT Warangal
3	Mr.D.Mallikarjun Reddy	Asst. Professor	CSE	IIT Chennai
4	Mr.B.Srinivas	Asst. Professor	MECH	South Korea



5	Ms.V.Lavanya	Asst. Professor	ECE	Andhra University
6	Ms.V.Jyothi	Asst. Professor	IT	Andhra University
7	Mr. D.AnthonyBalaraju	Asst. Professor	CSE	IIT Chennai
8	Mr. VSM SrinivasaVerma	Asst. Professor	ECE	IIIT (D&M) Chennai

d) Faculty recognized as Research Supervisors by JNTU-K - 36.

S.No.	Name of the Dept.	No. of Faculty recognized as supervisors
1	CIVIL	02
2	EEE	03
3	MECH	08
4	ECE	05
5	CSE	07
6	CHEM	06
7	IT	01
8	MBA	02
9	Maths	01
10	Chemistry	01
Total		36

Dr Y V N K Murthy, Scientific adviser, ISRO suggested to motivate the faculty to do research on multidisciplinary areas like demand based irrigation system, Data Analytics, Geo Technical services , space technologies and smart cities.

Professor AmitGarg, IIM, Ahmadabad suggested :

- To initiate some awards for the faculty - such as best teacher award (dept. wise and overall) to be decided in conjunction with the students, best researcher award, outstanding young faculty award (teaching plus research combined for below 40 years of age) etc.
- It is resolved to explore the possibility of introducing best teacher award, best researcher award and outstanding young faculty award.
- To encourage faculty for collaboration with scholars and practitioners in India & abroad and spending 5-6 months to work in CSIR labs.



- It is resolved to explore the possibility of Faculty collaboration with scholars and practitioners in India & abroad and spending 5-6 months to work in CSIR labs.
- Patents should be given more thrust.

Dr G V Ratnam, Professor, IIT – Madras, appreciated for the number of Journal articles published.

Dr G V Ratnam, Professor, IIT - Madras, suggested:

- To spend some time understanding the parameters used in determining Institution ranking. Prioritize improving those parameters, but also don't neglect others. The evaluation criteria itself can change suddenly.
- It is resolved to focus more on ranking parameters like research, publications, consultancy, patents, startups, IPR, funded projects and networking with outside world.
- To sponsor faculty members who are active in research to attend conferences, including International conferences.

The Institution has already made it mandatory for faculty to attend at least 2 FDPs in reputed Institutions like IITs, NITs and research Institutions.

2-GB-9: To review the proposals for Research Centers (MBA, EEE, CIVIL & MATHEMATICS)

Proposals, as already mentioned, for the programs were submitted recently along with renewals for Mechanical, ECE, CSE and Chemical

2-GB-10: To review the Student Performances (Academic, Extra, Co-Curricular activities)

a) Academic Performance 2011-15 Batch

Branch	Appeared	Awarded	Distinction	I class	II class	Pass Class
CIV	67	62	22	29	11	0
EEE	69	59	31	21	7	0
MECH	209	190	109	76	5	0
ECE	146	125	78	43	4	0
CSE	137	121	37	75	9	0
CHE	66	50	21	25	4	0
IT	60	48	21	24	3	0
TOTAL	754	655	319	293	43	0



%		86.87	48.70	44.73	6.56	0
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B.Tech I Semester : **65.22%**

M.Tech. & MBA I Semester : **85% & 95%**

Higher Learning :M.Tech. /MS /Ph.D. 2011-15 Batch: **43**

Members suggested to review and strengthen Teaching learning and Career and personal counseling to bring improved performances.

b) MoUs signed 2015-16 : 06.

Sl.	Department	In Collaboration With	Purpose
1	EEE	SIEMENS	To provide in PLC and Drives
2	College Level	APSSDC & NASSCOM	To provide training in the area of Cyber Security
3	College Level	APSSDC & NASSCOM	To provide training in the area of Data Analytics
5	College Level	Indian Telecom Innovation Hub – TBI	To establish a Startup Bootcamp at MVGR to function as an Idea Clinic/Mini-incubator for anchoring the incubation needs of students of MVGR
6	Mechanical	Adroitec Engineering Solutions Pvt. Ltd.	Centre of excellence in Product Lifecycle Management

Total No. of MOUs: 39

Active: 21

c) Certification Programs 2015-16 : No. of students certified:592.

The statement of number of students certified:

No. of students certified	
Name of the program	No. of Students
EDUSAT IIRS,ISRO	62
Training Program on SIEMENS PLC	37
PTC	75
Embedded Systems Certification Program	77
NI Lab-View Training Program	164
JAVA	35
CCNA	75



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CEH	13
APSSDC- Data Analyst	24
APSSDC- Security Analyst	7
APSSDC- Mini Project	5
APSSDC- Digital Literacy Certification Program	5
APSSDC (App Development)	13
TOTAL	

d) Student Internships & Professional Club activities(2015-16):

Dept.	No. of students who have done industry internship	No. of Guest Lectures/Seminars conducted	No. of papers presented by students
CIVIL	45	6	4
EEE	60	3	18
MEC	100	4	87
ECE	113	7	54
CSE	18	4	0
CHEM	20	7	104
IT	8	4	8
MBA	12	24	4
TOTAL	376	59	279

e) Achievements University Gold Medals

Name	Prgm	Dept	Year	University Rank (JNTUK)
Ms. Nandilla Lavanya	B.Tech.	MECH	2015	GOLD (Overall topper in all branches)
Ms. Nandilla Lavanya	B.Tech.	MECH	2015	GOLD
Ms.Madugula Mrudula	B.Tech.	CHEM	2015	GOLD

Members congratulated the faculty and the Institution for the achievements and also placed on record their sincere appreciation to the students who brought laurels to the Institution.



- f) The Institution is giving the following Gold Medals to the First ranker of each program.

Medals Instituted by the Management & Parents of Alumni:

Institutional Medal	Dept
Maharaj Anand Gajapathi Raj Memorial Gold Medal	CHEM
Dr. PVG Raju Memorial Gold medal	CIVIL
Maharaj Alaknarayan Gajapathi Raj Memorial Gold Medal	CSE
Maharani Vidyavati Devi Memorial Gold Medal	ECE
Maharani Urmila Devi Appalakondayamba Memorial Gold Medal	EEE
Maharani Lalitha Kumari Devi Memorial Gold Medal	IT
Maharaj Vijayram Gajapathi Raj Memorial Gold Medal	MECH
Rajkumari Sucharitha Gajapathi Raju Memorial Gold Medal	MBA
Maharaj Narayana Gajapathi Memorial Gold Medal	MCA
Sponsored Medals	
K. Vani Manasa Memorial Medal	CSE
Prof B Harinarayana Rao Memorial Medal	EEE
Prof. G J V J Raju Foundation Medal	CHEM
Gumpina Praneeth Kumar Memorial Medal	IT

- It is resolved to introduce Dr. P. Anand Gajapathi Raju Memorial Gold Medal for overall topper of B.Tech. from the academic year 2016-17
- It is resolved to institute scholarship (Rs.1,00,000) sponsored by Dr. D R. Prasada Raju, Dean (FD), MVGR and the interest accrued shall be utilized to support an economically backward girl student

- g) **Academic Awards (2015-16):** The following is the statement of monetary awards given for the AY: 2015-16.

S.No	Program & Year	Number of Students	Amount (Rs.)
1	I B.Tech.	15	3,96,666
2	II B.Tech.	15	3,72,332
3	III B.Tech.	14	3,84,999
4	IV B.Tech.	12	45,000
5	M.Tech.	6	60,000
6	MBA	2	76,512
7	MCA	1	27,000



TOTAL	13,62,509
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h) Sponsorship - student projects(2015-16)

The Institution is sponsoring minimum 50% of expenditure for student projects/models who are participating at national level competitions like Bajaa, Supra etc. The Institution has sponsored an amount of **Rs.9,90,639** towards the students national level competition projects for the AY:2015-16.

S.No	Name of the Team	Vehicle	Sponsored amount in Rs.	Organized By	Position	Awards
1	TEAM VIKRANTA	Design and fabrication of Electric Solar Vehicle	1,20,000/-	Imperial Society of Innovative Engineers (ISIE)	21/75	Won Best Appreciation Award
2	TEAM AADHYA	Design and fabrication of Go Kart	1,43,639/-	Karri Motor Speedway		Only Girls team (23) represented at National level
3	TEAM INVINCIBLE-SAE BAJA 2016	Design and fabrication of All Terrain Vehicle	3,35,000/-	Society of Automotive Engineers(SAE)	100/350	
4	SAE SUPRA'2015	Design and fabrication of Racing Car	3,92,000/-	Society of Automotive Engineers(SAE)	40/200	

i) The details of students participated in Sports, Cultural, NSS and NCC for the AY 2015-16 are:

1) Sports (2015-16):

Students - represented JNTUK – 09

S.No.	Name of the Student	Game	Year/ Branch
-------	---------------------	------	--------------



1	V.Anil	Volley Ball	4/4 CIVIL
2	ShaikBasha	Volley Ball	3/4 CSE
3	K.Padmavathi	Volley Ball	4/4 MECHANICAL
4	A.Pavan Siva Kumar	Chess	3/4 MECHANICAL
5	R.Y.K.Naik	Cricket	4/4 MECHANICAL
6	V.Hemanth Kumar	Cricket	3/4 EEE
7	K.RakeshVarma	Hockey	1/4 CIVIL
8	K.Prasanth	Hockey	4/4 MECHANICAL
9	D.VenkateswaraRao	Athletic	3/4 ECE

- College Basket Ball Team - Winner of JNTUK 'A' Zone Inter Collegiate Meet and Qualified to Central Zone.
- 3 Gold Medals secured by Mr.D.VenkateswaraRao (3/4 ECE) in Javelin, Long Jump, High Jump and 4th Place in 200 mtrs. Running & 100mtrs. Running.
- Individual Athletic Championship to Mr.D.VenkateswaraRao (3/4 ECE) in Inter Collegiate Meet at JNTUK, Kakinada

2) Cultural (015-16):

- Mr.ShaikIshaqVali (Civil 3rd year) won Title in Radio City Super Singer, conducted at National level. He was also one of the singers for movie 'Kshanam'.
- Mr. Nobel John, Civil 4th Year - Composed the entire drumming for an album 'Against Evil', released recently.

3) NCC (2015-16):

- NCC Unit -100 'B' Certificate - 29; 'C' Certificate - 33
- Mr. M. S. D. Naveen, 4/4 Civil - Best Cadet by Commander 2 artillery unit, Visakhapatnam

4) NSS (2015-16):

- NSS: 12 Programmes on health, swatch Bharat, blood donation camps and adult literacy
- Best Blood Donation camp - District level award - by Red Cross Society
- Best Blood Donation camp - District level award - by M.R Blood Bank



- Adopted Villages: Chintalavasala & Boddavalasa - Best Partner Villages as a part of smart ward smart villages by District Administration

Dr A L Rao, former CEO, WIPRO appreciated the initiatives for the certification programs conducted by the Institution.

Dr A L Rao, former CEO, WIPRO suggested to explore the possibility of providing training to all the CSE & ECE students on certification programs offered by the institution. Also, suggested to consider training on Cloud Computing to students.

- It is resolved to explore the possibility of providing training on cloud computing to students.

Dr G V Ratnam, Professor, IIT-Madras, suggested participations of well-known researchers/faculty from other reputed Institutions to spend a week or two with Institution and encourage your final year students and third year students to meet them and spend time with them brainstorming ideas, and B.Tech project proposals.

- The Institution has recently appointed eminent personalities from industries as adjunct faculty to meet adequately the above requirement.

He also suggested encouraging students to do internships in Industries.

The curriculum for autonomous batch was designed in such a way that VIII semester consists only Project work to facilitate the students to do industry internship and also the project work. However, the batches being phased out under affiliation shall be provided with the above opportunity.

2-GB-11: To review the Placements 2016-17

a) Total number of placements for the AY 2015-16 (Upto April-2016): 475

S.No.	Name of the recruiter	# Placed
1	TCS	186
2	BNP PARIBAS	11
3	VIRTUSA	15

S.No.	Name of the recruiter	# Placed
19	TERO CORP	8
20	FORMAC INTERNSHIP	2
21	SCHEMAX INTERNSHIPS	6



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4	TEGA INDUSTRIES	1
5	PIXENTIA	2
6	KONY LABS	3
7	NAUKARI	10
8	POLARIS	15
9	TRIANZ	18
10	SOCTRONICS	3
11	INCESSANT	4
12	GOOD THROUGH	9
13	WIPRO	2
14	YODLEE	2
15	BERGER PAINTS	2
16	NAVY (Selected in the first Phase)	35
17	COGNIZANT ECHNOLOGIES	5
18	PARAMATRIX	4

22	TIMES PRO	24
23	CAPE ELECTRIC	2
24	PERSISTANT	1
25	CAP GEMINI	4
26	TECH MAHINDRA	1
27	LIC	30
28	HCL TALENT CARE	14
29	EXIDE BATTERIES	2
30	REALITY JUNCTION INFRA	3
31	CAPTAIN TRACTORS	1
32	ITC	3
33	PC TECHNOLOGIES	10
34	AVRA LABORATORIES PVT LTD	3
35	JARO EDUCATION	3
	Total	475

b) Training Programs conducted - Training & Placement Cell -2015-16

S No	Training Program	Provider	Number of Hours	Target Group	No of Students Trained
1	CRT	Conduira Formac	100	Final Year B.Tech& MCA Students	667
2	TCS Specific Training	FACE	18	Final Year B.Tech& MCA Students	842
3	Freshmen Induction Program	FACE	45	First year B.Tech Students	643
4	Life Skills Training Program	3 ORBS	45	ALL II Year B.Tech Students	1019
	Total number of students trained				3171

Dr G V Ratnam, Professor, IIT-Madras, appreciated the programs like FACE etc.and suggested to organize more training programs on English language skills as well as communication skills among students.



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The Institution after conferment of autonomous status, the syllabus of English was comprehensively revised and made as practice oriented course to address adequately the above challenges.

Reviewed and recorded.

2-GB-12: To discuss the proposal for additional Courses/Intake/Closure

(a) The programs offered by the Institution for the AY 2016-17 are :

<u>B.Tech. PROGRAMS</u>	<u>INTAKE</u>
➤ Chemical Engineering	: 60
➤ Computer Science & Engineering	: 180
➤ Civil Engineering	: 120
➤ Electronics & Communication Engineering	: 180
➤ Electrical & Electronics Engineering	: 120
➤ Information Technology	: 60
➤ Mechanical Engineering	: 180
○ <u>M.Tech. PROGRAMS</u>	
➤ Machine Design	: 18
➤ Computer Science & Engineering	: 18
➤ VLSI	: 18
➤ Computer Networks & Information Security	: 18
➤ Structural Engineering	: 18
➤ Power Systems	: 18
○ <u>Other PG PROGRAMS</u>	
➤ Master of Business Administration	: 120

(b) The following departments offering Ph.D. Program to Research scholars:

- Mechanical, Chemical, ECE & CSE (Research centers)
- The following departments have applied for the status of Research Centers for guiding Ph.D. scholars:
 - EEE, CIVIL, MBA & MATHS
- Prof. Amitgarg, IIM, Ahmadabad suggested to introduce dual degree programs in collaboration with some foreign universities.
- It is resolved to explore the possibility to introduce dual degree programs with some foreign universities.



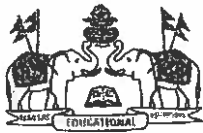
2-GB-13: To review the Funded Projects – UGC, AICTE, DST etc.

(a) Funded Projects sanctioned for the academic year 2015-16:4

Title of the project	Funded by	Dept.	Amount in Rupees
Funds for Improvement of Science & Technology Infrastructure (FIST)	DST	College	Rs.30,00,000
Process optimisation studies on removal of heavy metal from waste water using mixed adsorbents	DST	CHE	40,56,000
Assessment of EEG and cognitive, perceptual and personality transformation in practitioners of Anustanayogovendanta	DST-SATYAM	E&H	47,00,000 short listed
Identified satellite design innovation centre	MHRD	ME & CHE	1,30,00,000 Short listed

(b) Ongoing Funded Projects : 6

S.No.	Title of the project	Scheme of the project	Y.O.S	Department	Principal investigator	Amount in Rupees
1	Process optimization studies on Removal of Heavy Metals from Waste Water using Mixed Adsorbents	DST	2016	Chemical	Dr. D. Krishna	25,00,000
2	Development of Optode for Fluoride by Digital Color Analysis	DST	Oct. 2014	Chemistry	Dr. T.V.N. ParthaSarathi	27,65,940



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3	Vibration analysis of multifuel VCR engine using non edible oils	UGC	March 2014	Mechanical Engineering	Mr. MadhavVarma B.	1,70,000
4	Surfactant impregnated chitosan as adsorbent removal of dyes from industrial effluents	UGC	March 2014	Chemistry	Mr.G.Ram Kumar	3,40,000
5	Nitrite ion and fluoride ion footprints in the ground water of some selected coastal villages of vizianagaram dist. some investigations	UGC	Nov. 2014	Chemistry	Mr.G.V.S.K.Pavan Kumar	2,95,000
6	An Efficient Brain MR Image Segmentation for Easy Diagnostic Process	IEI	Sept.2013	Information technology	Dr.V.Nagesh	1,50,000
TOTAL					62,20,940	

Dr Y V N K Murthy, scientific adviser, ISRO suggested:

- To submit proposals to the local district administration (DRDA) for helping in various community related problems.
- To explore the possibility of getting funded projects from ministry of civil aviation etc.
- To explore the possibility of getting consultancy from large organizations like railways and research labs.

Dr A L Rao, former CEO, WIPRO, suggested to explore the possibility of getting funded projects from vendors like Amazon etc.

Reviewed and recorded

2-GB-14: To review the correspondence received from JNTUK/UGC/AICTE/APSCH

Reviewed and recorded



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2-GB-15: To ratify the minutes of meeting of the Academic Council and Finance Committee Recommendations

- Transitory regulations for course equivalency, substitute subjects and credit equivalency of I B.Tech II Semester and II B. Tech. I Semester re-admitted students were reviewed and ratified
- Syllabi of Foundation Electives & Audit courses like General aptitude, Soft skills-I & Soft skills-II were reviewed and ratified.
- The first semester results of B.Tech, M.Tech. and MBA were analyzed and recorded
- The following EXAMINATION FEE STRUCTURE has been proposed by Finance Committee for approval

○ B.Tech.	Rs. 1250/-	per semester
○ M.Tech. /MBA	Rs. 1400/-	per semester

- The Finance Committee also proposed remuneration structure for various activities under Examinations of Autonomous mode, such as:
 - Setting of Question Bank
 - Vetting of Question Bank
 - Preparatory Works
 - Conduct of Theory Examinations
 - Conduct of Laboratory Examinations
 - Remuneration to support Staff
 - Remuneration to Spot Valuation
 - Honorarium for Staff of Autonomous Section

The recommendations made by the finance committee were reviewed as recorded in Academic Council and the same were ratified.



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2-GB-16: To review the compliance report for 2015-16 budget and also to discuss the Proposed Budget for the academic year 2016-17

(a) Compliance of the budget for the AY 2015-16:

S.No.	Expenditure	Allocation in Lakhs	Utilization as on 31-03-2016	% Utilization
1	Campus Civil Works	404.50	289.24	72%
2	Salaries& contractual payments	1825.00	1517.36	83%
3	Remuneration/Honorarium to professional services	92.00	47.72	52%
4	Cost of General facilities operation:	105.00	62.29	59%
5	Affiliating org. Exp..	117.50	100.63	86%
6	Central Library Development	47.00	41.65	89%
7	Central Assets maintenance	71.3	49.15	69%
8	Provision for Assets Replacement Fund(Depreciation)	150.00	200.00	133%
9	Advertisement/Magazine	32.00	26.66	83%
10	R & D	28.43	20.64	73%
11	Student Activities	79.95	43.65	55%
12	Office & Admn. Exp.	7.00	3.22	46%
13	Amenities and infrastructure	10.00	29.62	296%
14	Employee welfare	5.00	3.79	76%
15	Department wise Allocations:	252.98	279.34	110%
	TOTAL	3227.65	2711.16	84%

Committed Expenditure of Apr & May 2016	Rs. In lakhs
Salaries & Services (Mar & Apr)(300+15)	315
Equipment(CC cameras-18Lakhs + Sports (pavilion)- + Internet - 157MBPS - 20Lakhs)	38
Infrastructure(New server room-34Lakhs + BSNL Internet-157 Mbps-20Lakhs)	54
Other Logistics(Expenses as prorated basis over other heads of expenses)	50
	457



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(b) Proposed & Budgeted Income & Expenditure for the Academic year 2016-17 (From June-16 to May-17)				
Income	Amount Rs.Lakhs	Expenditure	Amount Lakhs	Rs.
Tuition Fee Receivable	2956.97	A.. College Central Head Exp..		
Special Fee Receivable	162.48	1. Campus Civil Works		
Funds from Management	400.00	Canteen 1st Floor	60.00	
Bank Loan	146.29	R & D Skill Development Block	50.00	
		Training & Placement Block	90.00	
		Canara Bank Extension	10.00	
		Water Harvesting	3.00	
		Campus Solar power System	200.00	
				413.00
		2. Provision for Assets Replacement Fund(Depreciation)		240.00
		3. Cost of General facilities operation:		
		Power & fuel	33.00	
		Insurance of Assets	2.50	
		Telephone charges	3.50	
		Vehicle maintenance	12.00	51.00
		4. Central Assets maintenance		
		civil maintenance & Plumbing	10.00	
		Mechanical maintenance	3.30	
		Electrical maintenance	3.50	
		Renovation of Electrical lines	5.50	
		Central E-Services	59.73	82.03
		5 .Affiliating org. Exp..		
		AICTE/MBA/NAC appli.,processing fee.	11.00	
		JNTU fee(infra& other)	104.50	
		VUDA	21.00	
		Taxes/Duties payable	2.20	
		Financial Charges	0.55	139.25
		6 .Salaries& contractual payments		
		Faculty and staff	2000.00	
		Sanitation,Housekeeping, Land Scaping, Garden maintenance, etc.,	65.00	



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	Security,	25.00	2090.00
	7. Professional services /Logistics & Hospitality		
	Audit Exp.	8.80	
	Legal advisory	6.60	
	medical facility	3.30	
	Architech consultancy	16.50	
	Core advisory services	5.00	
	Transport facility to the senior professors.	11.00	
	Hospitality on invited talks	5.50	56.70
	8. Central Library Development		
	Procurement of Books	15.40	
	Digital Library Subscription of AICTE e- journals.	27.50	
	print journals subscription	5.50	
	Library maintenace	3.30	51.70
	9. R&D and Faculty Development exp		
	R & D Promotion Cell	35.00	
	Faculty Research Incentives	6.60	41.60
	10. Student Activities		
	Academic Awards	22.00	
	Student Functions	16.00	
	Training & Placement	17.82	
	NCC Activities	1.00	
	NSS Activities	1.00	
	Sports & Games	25.00	
	Cultural Activities	5.00	
	Women Empowerment Activities	2.50	90.32
	11. Promotional Exp		
	Advertisement /Magzine	27.50	
	Sponsorships/Contributions	10.00	37.50
	12. Office &AdmnExp		
	Admn Office Maintenance	5.50	
	Furniture	45.00	



		Stationery	13.21	63.71
		13. Acquisition of General Amenities and Infrastructure		15.00
		14. Employee Welfare		6.00
		B.Department wise Allocations:		
		1. Equipment	120.00	
		2. Lab Maintenance	6.32	
		3. Consumables	16.48	
		4. Department office Maintenance	4.46	
		7. Guest lectures	10.00	
		8. Seminars/workshops conducted	25.00	
		9. Industrial tours /visits	5.00	
		10.Faculty attending seminars/conferences	20.00	
		11. Advisory committee exp.(BOS/A.C/GB Meeting)	15.00	
		12. Dept. library investment	4.12	
		13. R&D (Students Projects)	11.55	
		14. Hospitality and guest charges(dept.)	5.00	
		15. Relocation/Renovation	40.00	
		16. Professional body registrations	5.00	287.93
Total	3665.74	Total		3665.74

Reviewed and recorded.

2-GB-17: Any other item with the permission of the chairman

- Sri P.Ashok Gajapathi Raju, Chairman, MANSAS, suggested to create awareness on human values and emotional stability among the students.
- It is resolved to conduct guest lectures on human values and emotional stability by eminent persons.
- Sri P Ashok Gajapathi Raju, Chairman, MANSAS, suggested to go for installation of higher capacity Solar power plant instead of the proposed 250 kW.
- It was considered to process installing 400 Kw solar power plant in the campus to meet the present and future requirements.



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Dr G Krishnam Raju, Emeritus Professor of Andhra University expressed his desire that the Institution should become Deemed University.

Sri P L P Raju, Ex-EC Member, Andhra University, suggested for possible consideration of hostel infrastructure for boys.

At the end of the meeting, Dr K V L Raju, Member Secretary and Principal thanked all the Governing Body members for their presence and valuable suggestions.

(Dr. K V L Raju)
Member Secretary

(P Ashok Gajapathi Raju))
Chairman



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(Dr. K V L Raju)
Member Secretary

(P Ashok Gajapathi Raju))

Chairman

**CHAIRMAN
MANSA
VIZIANAGARAM.**



Minutes of meeting of Governing Body:

A Meeting of the Governing Body was held on 23.04.2016 at 11.00AM at Conference hall, Admin. Block.

Members on Governing Body:

S.No.	Name	Designation	Position
1	P.Ashok Gajapathi Raju	Chairman, MANSAS, Fort, Vizianagaram	Chairperson
2	Dr. D R K Raju	Correspondent, MANSAS	Member
3	Sothorn Regional Officer	SRO-AICTE, Hyderabad	Ex-Officio
4	Prof. Chandra Mouli	Professor of Physics, Andhra University, Visakhapatnam	Member
5	Dr.P.D.Gupta Director & Distinguished Scientist, Raja Ramanna Centre for Advanced Technology	UGC Nominee, New Delhi	Member
6	Dr.B.Prabhakara Rao	Rector JNTUK, Kakinada	Member
7	Prof.Amit Garg	Chairman, Research & Publications, IIM, Ahmedabad	Member
8	Dr.G.Krishnam Raju	Professor (Retd.), College of Engineering, AU	Member
9	Dr.A.Lakshmana Rao	Board Member, TRAINZ Consultancy	Member
10	Dr.G.Venkatarathnam	Professor of MECH, IIT, Madras	Member
11	Dr.Y.V.N.Krishna Murthy	Scientific Secretary ISRO, HQ, Bangalore	Member
12	Mr.V.Rajanna	Vice-President & Regional Head Global Head – technology Business Unit, TCS, Hyderabad	Member
13	Sri P.L.P.Raju	Ex-EC Member, Andhra University	Member
14	Prof. D.J.J.Ramachandra Raju	Vice-Principal(ADMN), MVGR	Member
15	Dr.P.Ravindranath	DEAN (SP), MVGR	Member
16	Dr.Y.M.C.Sekhar	Vice-Principal(ACAD), MVGR	Member
17	Dr.K.V.L.Raju	PRINCIPAL, MVGR	Member Secretary



P. Ashok Gajapathi Raju, Chairman (GB) chaired the meeting and Dr K V L Raju, Member Secretary and Principal welcomed all the members to the second Governing Body meeting of MVGR College of Engineering after conferment of Autonomous status. He introduced the external members of Governing Body Dr B PrabhakaraRao, Rector, JNTUK, Dr. A L Rao, former C E O, WIPRO, Dr Y V N K Murthy, Scientific secretary, Bangalore, Prof. Chandramouli, Professor of Physics, Andhra University, Dr G KrishnamRaju, Retd, Professor, Andhra University, and P L P Raju, Ex-EC member, Andhra University. All the internal members of the Institution have introduced themselves. Before starting the meeting, all the members observed 2 minutes silence as a mark of respect and also paid homage to Dr. P. Anand Gajapathi Raju, Chairman- MANSAS, who passed away on 26-03-2016.

The following agenda was taken up for discussion:

- 1 To review the minutes of earlier Governing Body Meeting
- 2 To review the Accreditations / Approval Status : (a) NBA (b) NAAC (c) Autonomous
- 3 To review the New Labs/Infrastructure developed
- 4 To review the building Infrastructure
- 5 To review the Human Resources
- 6 To review the Learning Resources
- 7 To review FDPs conducted/ to be conducted
- 8 To review the Research and Higher Learning
- 9 To discuss the Proposals for Research Centers (MBA, EEE, CIVIL & MATHEMATICS)
- 10 To review the Student Performances (Academic, Extra, Co-Curricular activities)
- 11 To review the Placements 2015-16
- 12 To discuss the proposal for additional Courses/Intake/Closure
- 13 To review the Funded Projects – UGC, AICTE, DST etc.
- 14 To review and discuss the correspondence received from JNTUK/UGC/AICTE/APSCE
- 15 To review and ratify the minutes of Academic Council and Finance Committee Recommendations
- 16 To review the compliance report for 2015-16 budget and also to discuss the Proposed Budget for the academic year 2016-17
- 17 Any other item with the permission of the Chairman



The minutes of meeting:

2-GB-1: To review the minutes of earlier Governing Body Meeting

- Resolved to identify the faculty who have completed Ph.D. aged below 35 and to encourage them to make project proposals under the young scientist category
- Proposals of the following faculty for the award of YOUNG SCIENTEST are under active consideration by AP Academy of Sciences:
 - 1) Dr. TANSN Varma, Assoc. Prof. of ECE
 - 2) Dr. BMB Krushna, Asst. Prof. of MATHS
- Resolved to offer certification programs to the students of other institutions
- The institution, as a part of Tripartite Agreement with SIEMENS, APSSDC offering Skill Development Programs in the areas of Automobile, Welding, Design and Manufacturing.
- Resolved to identify the faculty from various disciplines and form an interdisciplinary research team.
- Faculty members from various departments were identified and formed as teams to involve in inter disciplinary research. The institution was granted a project by DST under the scheme of FIST, multidisciplinary in nature
- Resolved to offer more skill development programs for local community in collaboration with government.
- The institution in collaboration with New & Renewable Energy Development Corporation of AP (NREDCAP) offering skill development programs on Solar Power Equipment Installation.

Also, in collaboration with District Administration, offering Skill Development Training to the local community in the following areas:

- Welding
 - Machining
 - House Wiring
 - Masonry
 - Networking and Computer hardware
- Faculty be encouraged to pursue their Ph.D. in reputed institutions like IITs and NITs.



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- The following faculty were sponsored to pursue Ph.D. in reputed Institutions including IITs & NITs:

S. No.	Name of the Faculty	Designation	Department	Institute/ University
1	Mr.B.V.Ramanaiah	Sr. Asst. Professor	CHEM	IIT Roorkee
2	Mr.Ch.VenkataRao	Asst. Professor	MATHS	NIT Warangal
3	Mr.D.Mallikarjun Reddy	Asst. Professor	CSE	IIT Chennai
4	Mr.B.Srinivas	Asst. Professor	MECH	South Korea
5	Ms.V.Lavanya	Asst. Professor	ECE	Andhra University
6	Ms.V.Jyothi	Asst. Professor	IT	Andhra University
7	Mr. D.AnthonyBalaraju	Asst. Professor	CSE	IIT Chinnai
8	Mr. VSM SrinivasaVerma	Asst. Professor	ECE	IIIT (D&M) Chinnai

- Faculty be encouraged to attend more number of workshops in reputed institutions
- Number of FDPs attended by faculty for the academic year 2015-16 is 219 whereas the same in the last year is 166 (About 35% increase).
- Subjects relevant to the contemporary developments are recommended to be offered as core elective subjects.
- Discussed in the BoS meetings and the same was implemented. The following is the list:
 - Applications of RS and GIS – CIV
 - Special Electrical Machines – EEE
 - Digital Control Systems – EEE
 - Advanced Power Electronic Controllers – EEE
 - Product Life Cycle Management – MECH
 - Advanced Engg. System in Motion Dynamics of 3D Motion – MECH
 - VI using Lab view – ECE
 - Embedded and Real time Operating Systems – ECE
 - Grid and Cluster Computing – CSE
 - Computer Forensics and Cyber Security – CSE



- Embedded Systems – CSE
 - .NET Technologies – CSE
 - Fire walls and VPN – CSE
 - E Commerce -CSE
 - To propose introduction of Ph.D. programs in Civil Engineering and Electrical & Electronics Engineering and MBA
 - Proposals for Research Center status of CIVIL, EEE, MBA and MATHS departments were already submitted to JNTUK and the same is in active consideration.
 - To propose introduction of M.Tech. programs in Aeronautical Engineering, CAD/CAM, Microwave and Communication Engineering and Environmental Engineering
 - It was deferred in view of the requirements of consolidation and challenges arising out of transition from Affiliated to Autonomous status.
 - To consider residential quarters as the institution and departments were recognized as research centers which necessitates the need for activities beyond scheduled hours.
 - Proposed to be taken up in 2017-18
 - To increase the allocations for cultural and possible community services.
 - Allocations for cultural and community services have been increased to the tune of 25% from Rs. 4,00,000/- to Rs. 5,00,000/-
 - To implement Virtual Private Network (VPN) server for improving the utilization of internet and increase in access beyond working hours.
 - Internet band width is increased from the current 45 mbps to 175 mbps and also EZ Proxy server is installed to provide access to e-journals from home
- Dr Y V N K Murthy, Scientific adviser, ISRO appreciated for action taken report of previous meeting.

Reviewed and recorded.



2-GB-2: To review the Accreditations / Approval Status : (a) NBA (b) NAAC (c) Autonomy

a) **NBA ACCREDITATION** : All the seven B.Tech. Programs being offered were reaccredited and also MBA Program reaccreditation is in the process.

S.No.	Program of accreditation	Status of accreditation			
		<u>FIRST TIME ACCREDITATION</u>		<u>SECOND TIME ACCREDITATION</u>	
		Status	Years	Status	Years
1	B.Tech. CHEM	Accredited	3 Years from 13.03.2009	Accredited	5 Years from 01.07.2015
2	B.Tech. CSE	Accredited	3 Years from 10.02.2009	Accredited	2 Years from 01.07.2015
3	B.Tech. ECE	Accredited	3 Years from 13.03.2009	Accredited	2 Years from 01.07.2015
4	B.Tech. EEE	Accredited	3 Years from 10.02.2009	Accredited	2 Years from 01.07.2015
5	B.Tech. IT	Accredited	3 Years from 10.02.2009	Accredited	2 Years from 01.07.2015
6	B.Tech. MECH	Accredited	3 Years from 10.02.2009	Accredited	2 Years from 01.07.2015
7	B.Tech. Civil	-	NOT ELIGIBLE	Accredited	2 Years from 01.07.2016
8	MBA	Accredited	3 Years from 04.01.2013	UNDER PROCESS	

b) **NAAC ACCREDITATION**: Further, the Institution was successfully reaccredited again by NAAC for second time of another five years with 'A' Grade.

	Cycle	Period	Grade
1	Cycle I	Five years from 15.06.2009	A
2	Cycle II	Five years from 03.03.2015	A

c) **UGC - AUTONOMOUS STATUS**

The Institution has been granted autonomous status by University Grants Commission (UGC) and conferred by JNTUK, for a period of 6 academic years from 2015-16 to 2020-21.

Reviewed and recorded.



2-GB-3: To review the New Labs/Infrastructure developed

Number of existing Labs (up to AY 2014-15): 54 Cost : about Rs. 10 Crore

New labs established for the AY 2015-16: 6

S.No.	Lab name	Investment (Rs.)	Area (in sqfts)
1	Power Systems Lab - M.Tech.(PS)	6,47,000	1830
2	DSP Based Drives Lab –B.Tech. (EEE)	16,28,000	1830
3	PLC & AC Drives Lab – SIEMENS – R&D	22,09,000	1830
4	Computer Lab 1 (Turing Lab)- CSE	25,58,630	1830
5	Computer Lab 2 (Berners Lee Lab)- CSE	25,78,530	1830
6	Loading Frame –M.Tech. (CIVIL)	3,10,000	1453
	TOTAL	99,31,160	10,603

Reviewed and recorded.

2-GB-4: To review the building Infrastructure

Existing Built up area upto 2014-15 : 4,22,233 sft.

a) Built up area (2015-16) : 41,745 sft.

S.No.	Name of the Building				Total Area (Sqmt)
		G.F	F.F	S.F	
1	Civil SF (chemical)			1952	1952
2	Girls hostel				
3	Office:	-	-	230	230
4	C block	-	849	849	1697
	Total	41,745 sfts			3880

Total built up area : 4,63,978 sft.



b) Proposed built up area (2016-17) : 68,251 sft.

S.No.	Name of the Building	Built-up Area (Sqmt)			Total Area (Sq.m)
		G.F	F.F	S.F	
1	Central library	1410	1330	1330	4070
2	Pavilion	325			325
3	T&P block	418			418
4	R&D lab	930			930
5	Canteen FF	600			600
6	Extension of bank	90			90
	Total	69, 219 sft			6433

Reviewed and recorded.

2-GB-5: To review the Human Resources

QUALIFICATION:

Ph.D.	Ph.D. Thesis Submitted	Ph.D. Pursuing	M.Tech. / PG	B.Tech.	Adjunct Faculty	Total
59	5	84	82	10	17	257

CADRE RATIO: 1:2:6

Professors	Associate Professors	Assistant Professors	Adjunct faculty	Total
35	39	166	17	257

GENDER RATIO: 4:1

Male: 205

Female: 52

Dr G V Ratnam, Proessor, IIT- Madras, appreciated the management for engaging substantial number of faculty with Ph.D's and also advised to take up funded projects.

Reviewed and recorded



2-GB-6: To review the Learning Resources

Library:

Titles	Volumes	Average Users per Day	Area Sfts
16243	54827	325	9329

Working hours:

DAY	LIBRARY TIMINGS
Mon-Sat	08.00 AM -09.00 PM
Sunday	09.00 AM-01.00 PM
Computing facilities with INTERNET	09.00 AM -09.00 PM

E- Resources:

E-BOOKS

- McGRAW-HILL-365 nos
- ASTM Digital Library-1700

E-JOURNALS

- IEEE
- SPRINGER(Electrical& Electronics)-134
- SPRINGER (Mechanical)-46
- ASCE (Civil Engineering)-34
- ELSEVIER (Science Direct)-275,

ARTICLE DATABASE

- J-GATE Engg. – 1,763
- J-GATE Management– 2128)

E-Learning material:

NPTEL Web Courses – 129 subjects

Video Courses – 110 (Each 40 hours)

IUCEE Material: 1 Terabyte hard disc

NITTTR Material: 275 CDs on all subjects

Internet Bandwidth:175 mbps

Reviewed and recorded.



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2-GB-7: To review the FDPs conducted/ to be conducted

- Workshops - Faculty attended - 218
- Industrial visits - Number of Faculty participated - 101
- No. of faculty who have done the MOOCs - 31

a) FDPs conducted / organized during the period (2015-16): 12

S.No.	Title of FDP	Dept	Dates	Resource Persons
1	Real-time Applications of Microcontrollers and DSP	EEE	15.06.2015 to 19.06.2015	Dr. ShivajiChakravorti, Jadavpur University, Kolkata & IEEE India Council Chair Elect
				Dr. S.G. Kadwane Professor-EEE, YCCE, Nagpur
				Dr. D.K. Mohanta Professor & Head -EEE MVGR College of Engineering
2	Soft Computing Techniques-2016 (SCT-2K16),	EEE	14.03.2016 to 15.03.2016	Dr. Sri Ram Srinivas, IIT Chennai
				Dr. Swagatam Das, Indian Statistical Institute(ISI), Kolkata,
3	PIPENET 2015	CIVIL	16.12.2015 to 18.12.2015	Dr. S. Chandramouli
4	World water day	CIVIL	22.03.2016	Dr. S. Chandramouli
5	Emerging Trends in Manufacturing	MECH	20-07-15 to 21-07-15	Prof P N Rao, University of IOWA, Northern California, U.S.A
6	Mechanical Circulatory Support Systems in Cardiovascular Fluid Mechanics	MECH	27-02-16	Dr Prasad Patnaik IIT-Chennai
7	Advances in Manufacturing	MECH	05-03-16	Dr P Radhakrishnan, PSG-Coimbatore
8	Wipro Mission10X Engineering student workshop	ECE	21.07.15 to 24.07.15	Dr. M.S Sricharan, WIPRO
9	Wipro Mission10X Engineering faculty workshop	ECE	02.03.16 to 04.03.16	Prof. P.L.Satheesh Kumar, WIPRO
10	Advances in Digital Signal Processing	ECE	19.02.16 to 20.02.16	Dr.AbrahamVarghuese, Addl. Director, NSTL , VSP



				Dr. CH. Srinivasu, Principal, DIET Dr. M.V.S Sai Ram, Professor-ECE, GVPCOE(A) Dr. K. Murali Krishna, Prof. & HOD- ECE, ANITS(A) Mr. D. Yugandhar, AITAM Mr. P. Surya Prasad, MVGR(A)
11	Freedom Fest	CSE	27.02.2016 to 29.02.2016	Mrs. NalniKanth (Thought works) Mr. Sumanth (Mozilla) Mr. Sripath (KLU) Mr.Vamsi (MVGR) & Mr. B.Srinivas (MVGR)
12	Training Program office 365	CSE	02.01.2016	Mr.D.Varma& Team M/s. Nexus Technology Pvt. Ltd.,

b) FDP Proposals - 2016-17:14

S.No.	Title of FDP	Dept	Probable dates
1	Modeling and Analysis of Multistoried buildings	CIVIL	13 th to 18 th June-2016
2	Durability studies in concrete	CIVIL	December-2016
3	World Water Day	CIVIL	March -2017
4	PIPENET 2016	CIVIL	August-2016
5	Real-time Applications of Microcontrollers and DSP	EEE	November 2016
6	Two Day National Workshop on Emerging Trends in Automotive Technologies (ARAI)	MECH	July 3 rd week
7	One week FDP/Workshop	ECE	3 rd week of October, 2016
8	Data Analytics	CSE	14.11.2016
9	CFD	CHEM	OCTOBER 14,15-2016
10	Data Mining & Big Data	IT	June/July'16
11	Experimental physics and its outcomes to engineering applications	PHY	January 2017
12	Technology enabled services in banking	MBA	October, 2016
13	Digital Marketing	MBA	November, 2016
14	Innovative HR Practices	MBA	December, 2016



Dr Y V N K Murthy, Scientific adviser, ISRO suggested to consider conduct of more number of workshops on multidisciplinary concepts.

- It is resolved to conduct more number of workshops on multi disciplinary concepts like Robotics, Mechatronics, PLM etc.

2-GB-8: To review Research and Higher Learning

- No. of paper publications :186
- Number of Faculty Pursuing Ph.D. : 84

a) Faculty who were awarded Ph.D. during the AY: 2015-16 : 7

S.No.	Name of the Faculty	Designation	Department
1	Dr.TANSNVarma	Asst. Professor	ECE
2	Dr.R.Santosh Kumar	Asst. Professor	IT
3	Dr.G.Sandhya Devi	Asst. Professor	CSE
4	Dr.P.SrinivasaRao	Sr. Asst. Professor	CSE
5	Dr. I. Sudhakar	Assoc. Professor	Mechanical
6	Dr. SVAR Sastry	Sr. Asst. Professor	CHEM
7	Mr. J. LakshmanRao	Asst. Professor	Chemical

b) Faculty who were submitted Ph.D. thesis during the AY: 2015-16 : 5

S.No.	Name of the Faculty	Designation	Department
1	Mr.B.Srinivas	Asst. Professor	CSE
2	Mrs. S. Kamala Kumari	Asst. Professor	English
3	Mr. DV Raghuvamsi	Asst. Professor	English
4	Mr. C. VeerabhadraRao	Assoc. Professor	CSE
5	Mr. G. Anjaneyulu	Assoc. Professor	ECE

c) Faculty who were sponsored to pursue Full Time Ph.D. during the AY: 2015-16 : 6

S.No.	Name of the Faculty	Designation	Department	Institute/ University
1	Mr.B.V.Ramanaiah	Sr. Asst. Professor	CHEM	IIT Roorkee
2	Mr.Ch.VenkataRao	Asst. Professor	MATHS	NIT Warangal
3	Mr.D.Mallikarjun Reddy	Asst. Professor	CSE	IIT Chennai
4	Mr.B.Srinivas	Asst. Professor	MECH	South Korea



5	Ms.V.Lavanya	Asst. Professor	ECE	Andhra University
6	Ms.V.Jyothi	Asst. Professor	IT	Andhra University
7	Mr. D.AnthonyBalaraju	Asst. Professor	CSE	IIT Chennai
8	Mr. VSM SrinivasaVerma	Asst. Professor	ECE	IIIT (D&M) Chennai

d) Faculty recognized as Research Supervisors by JNTU-K - 36.

S.No.	Name of the Dept.	No. of Faculty recognized as supervisors
1	CIVIL	02
2	EEE	03
3	MECH	08
4	ECE	05
5	CSE	07
6	CHEM	06
7	IT	01
8	MBA	02
9	Maths	01
10	Chemistry	01
Total		36

Dr Y V N K Murthy, Scientific adviser, ISRO suggested to motivate the faculty to do research on multidisciplinary areas like demand based irrigation system, Data Analytics, Geo Technical services , space technologies and smart cities.

Professor AmitGarg, IIM, Ahmadabad suggested :

- To initiate some awards for the faculty - such as best teacher award (dept. wise and overall) to be decided in conjunction with the students, best researcher award, outstanding young faculty award (teaching plus research combined for below 40 years of age) etc.
- It is resolved to explore the possibility of introducing best teacher award, best researcher award and outstanding young faculty award.
- To encourage faculty for collaboration with scholars and practitioners in India & abroad and spending 5-6 months to work in CSIR labs.



- It is resolved to explore the possibility of Faculty collaboration with scholars and practitioners in India & abroad and spending 5-6 months to work in CSIR labs.
- Patents should be given more thrust.

Dr G V Ratnam, Professor, IIT – Madras, appreciated for the number of Journal articles published.

Dr G V Ratnam, Professor, IIT - Madras, suggested:

- To spend some time understanding the parameters used in determining Institution ranking. Prioritize improving those parameters, but also don't neglect others. The evaluation criteria itself can change suddenly.
- It is resolved to focus more on ranking parameters like research, publications, consultancy, patents, startups, IPR, funded projects and networking with outside world.
- To sponsor faculty members who are active in research to attend conferences, including International conferences.

The Institution has already made it mandatory for faculty to attend at least 2 FDPs in reputed Institutions like IITs, NITs and research Institutions.

2-GB-9: To review the proposals for Research Centers (MBA, EEE, CIVIL & MATHEMATICS)

Proposals, as already mentioned, for the programs were submitted recently along with renewals for Mechanical, ECE, CSE and Chemical

2-GB-10: To review the Student Performances (Academic, Extra, Co-Curricular activities)

a) Academic Performance 2011-15 Batch

Branch	Appeared	Awarded	Distinction	I class	II class	Pass Class
CIV	67	62	22	29	11	0
EEE	69	59	31	21	7	0
MECH	209	190	109	76	5	0
ECE	146	125	78	43	4	0
CSE	137	121	37	75	9	0
CHE	66	50	21	25	4	0
IT	60	48	21	24	3	0
TOTAL	754	655	319	293	43	0



%		86.87	48.70	44.73	6.56	0
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B.Tech I Semester : 65.22%

M.Tech. & MBA I Semester : 85% & 95%

Higher Learning :M.Tech. /MS /Ph.D. 2011-15 Batch: 43

Members suggested to review and strengthen Teaching learning and Career and personal counseling to bring improved performances.

b) MoUs signed 2015-16 : 06.

Sl.	Department	In Collaboration With	Purpose
1	EEE	SIEMENS	To provide in PLC and Drives
2	College Level	APSSDC & NASSCOM	To provide training in the area of Cyber Security
3	College Level	APSSDC & NASSCOM	To provide training in the area of Data Analytics
5	College Level	Indian Telecom Innovation Hub – TBI	To establish a Startup Bootcamp at MVGR to function as an Idea Clinic/Mini-incubator for anchoring the incubation needs of students of MVGR
6	Mechanical	Adroitec Engineering Solutions Pvt. Ltd.	Centre of excellence in Product Lifecycle Management

Total No. of MOUs: 39

Active: 21

c) Certification Programs 2015-16 : No. of students certified:592.

The statement of number of students certified:

No. of students certified	
Name of the program	No. of Students
EDUSAT IIRS,ISRO	62
Training Program on SIEMENS PLC	37
PTC	75
Embedded Systems Certification Program	77
NI Lab-View Training Program	164
JAVA	35
CCNA	75



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CEH	13
APSSDC- Data Analyst	24
APSSDC- Security Analyst	7
APSSDC- Mini Project	5
APSSDC- Digital Literacy Certification Program	5
APSSDC (App Development)	13
TOTAL	

d) Student Internships & Professional Club activities(2015-16):

Dept.	No. of students who have done industry internship	No. of Guest Lectures/Seminars conducted	No. of papers presented by students
CIVIL	45	6	4
EEE	60	3	18
MEC	100	4	87
ECE	113	7	54
CSE	18	4	0
CHEM	20	7	104
IT	8	4	8
MBA	12	24	4
TOTAL	376	59	279

e) Achievements University Gold Medals

Name	Prgm	Dept	Year	University Rank (JNTUK)
Ms. Nandilla Lavanya	B.Tech.	MECH	2015	GOLD (Overall topper in all branches)
Ms. Nandilla Lavanya	B.Tech.	MECH	2015	GOLD
Ms.Madugula Mrudula	B.Tech.	CHEM	2015	GOLD

Members congratulated the faculty and the Institution for the achievements and also placed on record their sincere appreciation to the students who brought laurels to the Institution.



- f) The Institution is giving the following Gold Medals to the First ranker of each program.

Medals Instituted by the Management & Parents of Alumni:

Institutional Medal	Dept
Maharaj Anand Gajapathi Raj Memorial Gold Medal	CHEM
Dr. PVG Raju Memorial Gold medal	CIVIL
Maharaj Alaknarayan Gajapathi Raj Memorial Gold Medal	CSE
Maharani Vidyavati Devi Memorial Gold Medal	ECE
Maharani Urmila Devi Appalakondayamba Memorial Gold Medal	EEE
Maharani Lalitha Kumari Devi Memorial Gold Medal	IT
Maharaj Vijayram Gajapathi Raj Memorial Gold Medal	MECH
Rajkumari Sucharitha Gajapathi Raju Memorial Gold Medal	MBA
Maharaj Narayana Gajapathi Memorial Gold Medal	MCA
Sponsored Medals	
K. Vani Manasa Memorial Medal	CSE
Prof B Harinarayana Rao Memorial Medal	EEE
Prof. G J V J Raju Foundation Medal	CHEM
Gumpina Praneeth Kumar Memorial Medal	IT

- It is resolved to introduce Dr. P. Anand Gajapathi Raju Memorial Gold Medal for overall topper of B.Tech. from the academic year 2016-17
- It is resolved to institute scholarship (Rs.1,00,000) sponsored by Dr. D R. Prasada Raju, Dean (FD), MVGR and the interest accrued shall be utilized to support an economically backward girl student

- g) **Academic Awards (2015-16):** The following is the statement of monetary awards given for the AY: 2015-16.

S.No	Program & Year	Number of Students	Amount (Rs.)
1	I B.Tech.	15	3,96,666
2	II B.Tech.	15	3,72,332
3	III B.Tech.	14	3,84,999
4	IV B.Tech.	12	45,000
5	M.Tech.	6	60,000
6	MBA	2	76,512
7	MCA	1	27,000



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TOTAL	13,62,509
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b) Sponsorship - student projects(2015-16)

The Institution is sponsoring minimum 50% of expenditure for student projects/models who are participating at national level competitions like Bajaa, Supra etc. The Institution has sponsored an amount of **Rs.9,90,639** towards the students national level competition projects for the AY:2015-16.

S.No	Name of the Team	Vehicle	Sponsored amount in Rs.	Organized By	Position	Awards
1	TEAM VIKRANTA	Design and fabrication of Electric Solar Vehicle	1,20,000/-	Imperial Society of Innovative Engineers (ISIE)	21/75	Won Best Appreciation Award
2	TEAM AADHYA	Design and fabrication of Go Kart	1,43,639/-	Karri Motor Speedway		Only Girls team (23) represented at National level
3	TEAM INVINCIBLE- SAE BAJA 2016	Design and fabrication of All Terrain Vehicle	3,35,000/-	Society of Automotive Engineers(SAE)	100/350	
4	SAE SUPRA'2015	Design and fabrication of Racing Car	3,92,000/-	Society of Automotive Engineers(SAE)	40/200	

i) The details of students participated in Sports, Cultural, NSS and NCC for the AY 2015-16 are:

1) Sports (2015-16):

Students - represented JNTUK – 09

S.No.	Name of the Student	Game	Year/ Branch
-------	---------------------	------	--------------



1	V.Anil	Volley Ball	4/4 CIVIL
2	ShaikBasha	Volley Ball	3/4 CSE
3	K.Padmavathi	Volley Ball	4/4 MECHANICAL
4	A.Pavan Siva Kumar	Chess	3/4 MECHANICAL
5	R.Y.K.Naik	Cricket	4/4 MECHANICAL
6	V.Hemanth Kumar	Cricket	3/4 EEE
7	K.RakeshVarma	Hockey	1/4 CIVIL
8	K.Prasanth	Hockey	4/4 MECHANICAL
9	D.VenkateswaraRao	Athletic	3/4 ECE

- College Basket Ball Team - Winner of JNTUK 'A' Zone Inter Collegiate Meet and Qualified to Central Zone.
- 3 Gold Medals secured by Mr.D.VenkateswaraRao (3/4 ECE) in Javelin, Long Jump, High Jump and 4th Place in 200 mtrs. Running & 100mtrs. Running.
- Individual Athletic Championship to Mr.D.VenkateswaraRao (3/4 ECE) in Inter Collegiate Meet at JNTUK, Kakinada

2) Cultural (015-16):

- Mr.ShaikIshaqVali (Civil 3rd year) won Title in Radio City Super Singer, conducted at National level. He was also one of the singers for movie 'Kshanam'.
- Mr. Nobel John, Civil 4thYear - Composed the entire drumming for an album 'Against Evil', released recently.

3) NCC (2015-16):

- NCC Unit -100 'B' Certificate - 29; 'C' Certificate – 33
- Mr. M. S. D. Naveen, 4/4 Civil - Best Cadet by Commander 2 artillery unit, Visakhapatnam

4) NSS (2015-16):

- NSS: 12 Programmes on health, swatch Bharat, blood donation camps and adult literacy
- Best Blood Donation camp - District level award - by Red Cross Society
- Best Blood Donation camp - District level award - by M.R Blood Bank



- Adopted Villages: Chintalavasala & Boddavalasa - Best Partner Villages as a part of smart ward smart villages by District Administration

Dr A L Rao, former CEO, WIPRO appreciated the initiatives for the certification programs conducted by the Institution.

Dr A L Rao, former CEO, WIPRO suggested to explore the possibility of providing training to all the CSE & ECE students on certification programs offered by the institution. Also, suggested to consider training on Cloud Computing to students.

- It is resolved to explore the possibility of providing training on cloud computing to students.

Dr G V Ratnam, Professor, IIT-Madras, suggested participations of well-known researchers/faculty from other reputed Institutions to spend a week or two with Institution and encourage your final year students and third year students to meet them and spend time with them brainstorming ideas, and B.Tech project proposals.

- The Institution has recently appointed eminent personalities from industries as adjunct faculty to meet adequately the above requirement.

He also suggested encouraging students to do internships in Industries.

The curriculum for autonomous batch was designed in such a way that VIII semester consists only Project work to facilitate the students to do industry internship and also the project work. However, the batches being phased out under affiliation shall be provided with the above opportunity.

2-GB-11: To review the Placements 2016-17

a) Total number of placements for the AY 2015-16 (Upto April-2016): 475

S.No.	Name of the recruiter	# Placed
1	TCS	186
2	BNP PARIBAS	11
3	VIRTUSA	15

S.No.	Name of the recruiter	# Placed
19	TERO CORP	8
20	FORMAC INTERNSHIP	2
21	SCHEMAX INTERNSHIPS	6



4	TEGA INDUSTRIES	1
5	PIXENTIA	2
6	KONY LABS	3
7	NAUKARI	10
8	POLARIS	15
9	TRIANZ	18
10	SOCTRONICS	3
11	INCESSANT	4
12	GOOD THROUGH	9
13	WIPRO	2
14	YODLEE	2
15	BERGER PAINTS	2
16	NAVY (Selected in the first Phase)	35
17	COGNIZANT ECHNOLOGIES	5
18	PARAMATRIX	4

22	TIMES PRO	24
23	CAPE ELECTRIC	2
24	PERSISTANT	1
25	CAP GEMINI	4
26	TECH MAHINDRA	1
27	LIC	30
28	HCL TALENT CARE	14
29	EXIDE BATTERIES	2
30	REALITY JUNCTION INFRA	3
31	CAPTAIN TRACTORS	1
32	ITC	3
33	PC TECHNOLOGIES	10
34	AVRA LABORATORIES PVT LTD	3
35	JARO EDUCATION	3
	Total	475

b) Training Programs conducted - Training & Placement Cell -2015-16

S No	Training Program	Provider	Number of Hours	Target Group	No of Students Trained
1	CRT	Conduira Formac	100	Final Year B.Tech& MCA Students	667
2	TCS Specific Training	FACE	18	Final Year B.Tech& MCA Students	842
3	Freshmen Induction Program	FACE	45	First year B.Tech Students	643
4	Life Skills Training Program	3 ORBS	45	ALL II Year B.Tech Students	1019
	Total number of students trained				3171

Dr G V Ratnam, Professor, IIT-Madras, appreciated the programs like FACE etc.and suggested to organize more training programs on English language skills as well as communication skills among students.



The Institution after conferment of autonomous status, the syllabus of English was comprehensively revised and made as practice oriented course to address adequately the above challenges.

Reviewed and recorded.

2-GB-12: To discuss the proposal for additional Courses/Intake/Closure

(a) The programs offered by the Institution for the AY 2016-17 are :

<u>B.Tech. PROGRAMS</u>	<u>INTAKE</u>
➤ Chemical Engineering	: 60
➤ Computer Science & Engineering	: 180
➤ Civil Engineering	: 120
➤ Electronics & Communication Engineering	: 180
➤ Electrical & Electronics Engineering	: 120
➤ Information Technology	: 60
➤ Mechanical Engineering	: 180
○ <u>M.Tech. PROGRAMS</u>	
➤ Machine Design	: 18
➤ Computer Science & Engineering	: 18
➤ VLSI	: 18
➤ Computer Networks & Information Security	: 18
➤ Structural Engineering	: 18
➤ Power Systems	: 18
○ <u>Other PG PROGRAMS</u>	
➤ Master of Business Administration	: 120

(b) The following departments offering Ph.D. Program to Research scholars:

- Mechanical, Chemical, ECE & CSE (Research centers)
- The following departments have applied for the status of Research Centers for guiding Ph.D. scholars:
 - EEE, CIVIL, MBA & MATHS
- Prof. Amitgarg, IIM, Ahmadabad suggested to introduce dual degree programs in collaboration with some foreign universities.
- It is resolved to explore the possibility to introduce dual degree programs with some foreign universities.



2-GB-13: To review the Funded Projects – UGC, AICTE, DST etc.

(a) Funded Projects sanctioned for the academic year 2015-16:4

Title of the project	Funded by	Dept.	Amount in Rupees
Funds for Improvement of Science & Technology Infrastructure (FIST)	DST	College	Rs.30,00,000
Process optimisation studies on removal of heavy metal from waste water using mixed adsorbents	DST	CHE	40,56,000
Assessment of EEG and cognitive, perceptual and personality transformation in practitioners of Anustanayogovendanta	DST-SATYAM	E&H	47,00,000 short listed
Identified satellite design innovation centre	MHRD	ME & CHE	1,30,00,000 Short listed

(b) Ongoing Funded Projects : 6

S.No.	Title of the project	Scheme of the project	Y.O.S	Department	Principal investigator	Amount in Rupees
1	Process optimization studies on Removal of Heavy Metals from Waste Water using Mixed Adsorbents	DST	2016	Chemical	Dr. D. Krishna	25,00,000
2	Development of Optode for Fluoride by Digital Color Analysis	DST	Oct. 2014	Chemistry	Dr. T.V.N. Partha Sarathi	27,65,940



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Approved by AICTE, New Delhi, and Permanently Affiliated to JNTU, Kakinada.

Listed U/S 2(f) & 12 (B) of the UGC Act 1956

College
Code

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3	Vibration analysis of multifuel VCR engine using non edible oils	UGC	March 2014	Mechanical Engineering	Mr. MadhavVarma B.	1,70,000
4	Surfactant impregnated chitosan as adsorbent removal of dyes from industrial effluents	UGC	March 2014	Chemistry	Mr.GRam Kumar	3,40,000
5	Nitrite ion and fluoride ion footprints in the ground water of some selected coastal villages of vizianagaram dist. some investigations	UGC	Nov. 2014	Chemistry	Mr.G.V.S.K.Pavan Kumar	2,95,000
6	An Efficient Brain MR Image Segmentation for Easy Diagnostic Process	IEI	Sept.2013	Information technology	Dr.V.Nagesh	1,50,000
TOTAL					62,20,940	

Dr Y V N K Murthy, scientific adviser, ISRO suggested:

- To submit proposals to the local district administration (DRDA) for helping in various community related problems.
- To explore the possibility of getting funded projects from ministry of civil aviation etc.
- To explore the possibility of getting consultancy from large organizations like railways and research labs.

Dr A L Rao, former CEO, WIPRO, suggested to explore the possibility of getting funded projects from vendors like Amazon etc.

Reviewed and recorded

2-GB-14: To review the correspondence received from JNTUK/UGC/AICTE/APSCH

Reviewed and recorded



VIJAYARAM NAGAR CAMPUS, CHINTALAVALASA VIZIANAGARAM-535 005
08922-241199, 241732, Fax : 08922-241039, 241014 Website : www.mvgrce.edu.in





2-GB-15: To ratify the minutes of meeting of the Academic Council and Finance Committee

Recommendations

- Transitory regulations for course equivalency, substitute subjects and credit equivalency of I B.Tech II Semester and II B. Tech. I Semester re-admitted students were reviewed and ratified
- Syllabi of Foundation Electives & Audit courses like General aptitude, Soft skills-I & Soft skills-II were reviewed and ratified.
- The first semester results of B.Tech, M.Tech. and MBA were analyzed and recorded
- The following EXAMINATION FEE STRUCTURE has been proposed by Finance Committee for approval

○ B.Tech.	Rs. 1250/-	per semester
○ M.Tech. /MBA	Rs. 1400/-	per semester

- The Finance Committee also proposed remuneration structure for various activities under Examinations of Autonomous mode, such as:
 - Setting of Question Bank
 - Vetting of Question Bank
 - Preparatory Works
 - Conduct of Theory Examinations
 - Conduct of Laboratory Examinations
 - Remuneration to support Staff
 - Remuneration to Spot Valuation
 - Honorarium for Staff of Autonomous Section

The recommendations made by the finance committee were reviewed as recorded in Academic Council and the same were ratified.



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2-GB-16: To review the compliance report for 2015-16 budget and also to discuss the Proposed Budget for the academic year 2016-17

(a) Compliance of the budget for the AY 2015-16:

S.No.	Expenditure	Allocation in Lakhs	Utilization as on 31-03-2016	% Utilization
1	Campus Civil Works	404.50	289.24	72%
2	Salaries& contractual payments	1825.00	1517.36	83%
3	Remuneration/Honorarium to professional services	92.00	47.72	52%
4	Cost of General facilities operation:	105.00	62.29	59%
5	Affiliating org. Exp..	117.50	100.63	86%
6	Central Library Development	47.00	41.65	89%
7	Central Assets maintenance	71.3	49.15	69%
8	Provision for Assets Replacement Fund(Depreciation)	150.00	200.00	133%
9	Advertisement/Magazine	32.00	26.66	83%
10	R & D	28.43	20.64	73%
11	Student Activities	79.95	43.65	55%
12	Office &Admn. Exp.	7.00	3.22	46%
13	Amenities and infrastructure	10.00	29.62	296%
14	Employee welfare	5.00	3.79	76%
15	Department wise Allocations:	252.98	279.34	110%
	TOTAL	3227.65	2711.16	84%

Committed Expenditure of Apr & May 2016	Rs. In lakhs
Salaries & Services (Mar & Apr)(300+15)	315
Equipment(CC cameras-18Lakhs + Sports (pavilion)- + Internet - 157MBPS - 20Lakhs)	38
Infrastructure(New server room-34Lakhs + BSNL Internet-157 Mbps-20Lakhs)	54
Other Logistics(Expenses as prorated basis over other heads of expenses)	50
	457



(b) Proposed & Budgeted Income & Expenditure for the Academic year 2016-17 (From June-16 to May-17)				
Income	Amount Rs.Lakhs	Expenditure	Amount Lakhs	Rs.
Tuition Fee Receivable	2956.97	A.. College Central Head Exp..		
Special Fee Receivable	162.48	1. Campus Civil Works		
Funds from Management	400.00	Canteen 1st Floor	60.00	
Bank Loan	146.29	R & D Skill Development Block	50.00	
		Training & Placement Block	90.00	
		Canara Bank Extension	10.00	
		Water Harvesting	3.00	
		Campus Solar power System	200.00	
				413.00
		2. Provision for Assets Replacement Fund(Depreciation)		240.00
		3. Cost of General facilities operation:		
		Power & fuel	33.00	
		Insurance of Assets	2.50	
		Telephone charges	3.50	
		Vehicle maintenance	12.00	51.00
		4. Central Assets maintenance		
		civil maintenance & Plumbing	10.00	
		Mechanical maintenance	3.30	
		Electricial maintenance	3.50	
		Renovation of Electrical lines	5.50	
		Central E-Services	59.73	82.03
		5 .Affiliating org. Exp..		
		AICTE/MBA/NAC appli.,processing fee.	11.00	
		JNTU fee(infra& other)	104.50	
		VUDA	21.00	
		Taxes/Duties payable	2.20	
		Financial Charges	0.55	139.25
		6 .Salaries& contractual payments		
		Faculty and staff	2000.00	
		Sanitation,Housekeeping, Land Scaping, Garden maintenance, etc.,	65.00	



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		Security,	25.00	2090.00
		7. Professional services /Logistics & Hospitality		
		Audit Exp.	8.80	
		Legal advisory	6.60	
		medical facility	3.30	
		Architech consultancy	16.50	
		Core advisory services	5.00	
		Transport facility to the senior professors.	11.00	
		Hospitality on invited talks	5.50	56.70
		8. Central Library Development		
		Procurement of Books	15.40	
		Digital Library Subscription of AICTE e- journals.	27.50	
		print journals subscription	5.50	
		Library maintenace	3.30	51.70
		9. R&D and Faculty Development exp		
		R & D Promotion Cell	35.00	
		Faculty Research Incentives	6.60	41.60
		10. Student Activities		
		Academic Awards	22.00	
		Student Functions	16.00	
		Training & Placement	17.82	
		NCC Activities	1.00	
		NSS Activities	1.00	
		Sports & Games	25.00	
		Cultural Activities	5.00	
		Women Empowerment Activities	2.50	90.32
		11. Promotional Exp		
		Advertisement /Magzine	27.50	
		Sponsorships/Contributions	10.00	37.50
		12. Office &AdmnExp		
		Admn Office Maintenance	5.50	
		Furniture	45.00	



		Stationery	13.21	63.71
		13. Acquisition of General Amenities and Infrastructure		15.00
		14. Employee Welfare		6.00
		B.Department wise Allocations:		
		1. Equipment	120.00	
		2. Lab Maintenance	6.32	
		3. Consumables	16.48	
		4. Department office Maintenance	4.46	
		7. Guest lectures	10.00	
		8. Seminars/workshops conducted	25.00	
		9. Industrial tours /visits	5.00	
		10.Faculty attending seminars/conferences	20.00	
		11. Advisory committee exp.(BOS/A.C/GB Meeting)	15.00	
		12. Dept. library investment	4.12	
		13. R&D (Students Projects)	11.55	
		14. Hospitality and guest charges(dept.)	5.00	
		15. Relocation/Renovation	40.00	
		16. Professional body registrations	5.00	287.93
Total	3665.74	Total		3665.74

Reviewed and recorded.

2-GB-17: Any other item with the permission of the chairman

- Sri P.Ashok Gajapathi Raju, Chairman, MANSAS, suggested to create awareness on human values and emotional stability among the students.
 - It is resolved to conduct guest lectures on human values and emotional stability by eminent persons.
- Sri P Ashok Gajapathi Raju, Chairman, MANSAS, suggested to go for installation of higher capacity Solar power plant instead of the proposed 250 kW.
 - It was considered to process installing 400 Kw solar power plant in the campus to meet the present and future requirements.



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Dr G Krishnam Raju, Emeritus Professor of Andhra University expressed his desire that the Institution should become Deemed University.

Sri P L P Raju, Ex-EC Meber, Andhra University, suggested for possible consideration of hostel infrastructure for boys.

At the end of the meeting, Dr K V L Raju, Member Secretary and Principal thanked all the Governing Body members for their presence and valuable suggestions.

(Dr. K V L Raju)
Member Secretary

(P Ashok Gajapathi Raju))

Chairman

CHAIRMAN
MANSA
VIZIANAGARAM.

Maharaj Vithayalram Ghatge Patil College of Engineering,
Vizianagaram, 18th Governing Body Meeting held in the
Institution premises on 04th July, 2015 at 11:00 AM.

Members Present

- 1) Dr. P. Anand Ghatge Patil - Chairman
Chairman - MANSAS
Fort, Vizianagaram.
- 2) Dr. A. Raghu Rao - Correspondent
(Correspondent), MANSAS
Fort, Vizianagaram
- 3) Southern Regional Officer
AICTE, Hyderabad - AICTE Nominee
- 4) Prof. Chandra Mouli K. - State Govt. Nominee
Professor of Physics
Andhra University,
Vidyalakshmi
- 5) UGC Nominee - UGC Nominee
New Delhi

6) Dr. B. Raghav Rao - Nominee
in Rector, ...
Tiruk, Kakinada.

7) Prof. Anant Garg - Nominee
Chairman, Research & Publications
Chairman, Library Committee
Indian Institute of Management - Ahmedabad

8) Dr. G. Krishnam Raju - Nominee
Professor (Retd.)
College of Engineering, A.V.
Vijayachandram

9) Dr. A. Lakshman Rao - Industry Nominee
132 M-A-Cross
Bangalore

10) Dr. G. Venkata Rammam - Nominee
Professor of Mechanical Engg.
IIT, ...

... 1000 1000

11) Dr. Y.V.N. Krishna Murthy
Scientific Secretary
ISRO, HQ - Bangalore

... 1000 1000
... 1000 1000
... 1000 1000

12) Mr. V. Rajanna
Vice-President & Regional Head
Global Head - Technology Business Unit
TCS, Hyderabad.

... 1000 1000

13) Sri P.L.P. Rathi
Near No. 5 Bungalow
Cantonment, Vizianagaram

... 1000 1000

... 1000 1000

14) Prof. D.J.T. Ramachandra Rathi - Senior Faculty
Vice-Principal (Admin)
MVGRCE, Vizianagaram

... 1000 1000

15) Dr. P. Ramkrishnaiah
Prof. of Mech. Engg., MVGRCE, Vng. - Senior Faculty

... 1000 1000

16) Dr. Y.H.C. Sekhar
Vice-Principal (Academic)
MVGRCE, Vizianagaram

... 1000 1000

17) Dr. K.V.L. Rathi
Principal
MVGRCE, Vizianagaram

... 1000 1000

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AGENDA:-

① To review Accreditation / Approval status

18/08/2024
18/08/2024

18/08/2024

18/08/2024

18/08/2024

18/08/2024

18/08/2024

18/08/2024

18/08/2024

RESOLUTION:-

- (11) ① All the members appreciated Dr. G. Venkatesh Rathanam appreciated in particular for getting 5 years accreditation for chemical Engineering. He also suggested to focus more on the strengths and overcome the weaknesses to the maximum extent possible with respect to the accreditation criteria. The details of NBA accreditation, NAAC accreditation and Autonomous status are furnished below.

<u>S.No.</u>	<u>Program accreditation</u>	<u>Status of Accreditation</u>	<u>Period</u>
1.	B.Tech chemical Engrg.	Accredited	5 years
2.	B.Tech Computer Science & Engrg.	Accredited	2 years
3.	B.Tech - ECE	Accredited	2 years
4.	B.Tech - EEE	Accredited	2 years
5.	B.Tech - IT	Accredited	2 years
6.	B.Tech - Mechanical Engrg.	Accredited	2 years
7.	B.Tech - Civil Engrg.	Applied for Accreditation & waiting for visit awaited	-
8.	MBA	Accredited	3 years

National Assessment and Accreditation Council (NAAC):

1. cycle I - 5 years from 15.6.2009 - 'A' Grade
2. cycle II - 5 years from 03.03.2015 - 'A' Grade

Autonomous status by UGC:-

The Institution has been conferred autonomous status effective from the academic year 2015-16.

11A ①

② The details of new Labs established are furnished below:

Lab Name	Investment	Area (in Sft)
1. Power Systems Lab - M.P. (EE)	Rs. 6,47,000/-	1830
2. DSP Based Drives Lab - B.P. (EEE)	Rs. 16,28,000/-	1830
3. PLC & AC Drives Lab - SIEMENS - R&D	Rs. 22,09,000/-	1830
4. Computer Lab 1 (Turing Lab)	Rs. 25,58,630/-	1830
5. Computer Lab 2 (Berners-Lee Lab)	Rs. 25,78,530/-	1830
6. Loading Frame - M.P. (Civil)	Rs. 3,10,000/-	1453

The members appreciated the management for liberal support on infrastructure beyond curriculum especially PLC & AC drives Lab established in collaboration with SIEMENS for imparting additional industry ready skills and certification program.

- Reviewed and Recorded

③ The details of civil building infrastructure are given below:

Existing built up area -	4,00,261.24 Sft.
Recently added area	42,975.44 Sft.
Built-up area under construction	20,740.00 Sft.
Total Built-up area	4,63,976 Sft.
Proposed built-up area for UG AY 2015-16	43,793 Sft.

- Reviewed and recorded.

(4) Taluk Human Resource 25.1.2018

④ Analysis location	Ph-D	Ph-D & buried	Ph-D buried	Ph-D P.G	Ph-D P.G	Total
number	56	08	68	95	227	249

⑥ Professor Assoc. Prof. Sr. Asst. Prof. Asst. Professor
38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

© Non-Recip Staff - (1) Recip - 2000 per hour

	Physical	Administrative	Total
(1)	1000	1000	2000
(2)	1000	1000	2000
(3)	1000	1000	2000
(4)	1000	1000	2000
(5)	1000	1000	2000
(6)	1000	1000	2000
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(8)	1000	1000	2000
(9)	1000	1000	2000
(10)	1000	1000	2000
(11)	1000	1000	2000
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(94)	1000	1000	2000
(95)	1000	1000	2000
(96)	1000	1000	2000
(97)	1000	1000	2000
(98)	1000	1000	2000
(99)	1000	1000	2000
(100)	1000	1000	2000

$\log_{10} 54 \approx 1.73$, $\log_{10} 58 \approx 1.76$, $\log_{10} 112 \approx 2.05$

As a passage, we have found it to be a simple

[illegible]

Received and Receipt

2. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$ (Probability of getting two heads) (2)

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(4) In addition to the regular staff (about 120) out-sourced members are working for the Purpose of Gardening, Sanitation, transport and security:
 Reviewed and recorded.

(5) Various motivational initiatives for Research Publications were presented and the members welcomed the same.

- The number of Research Publications is 225. three faculty members have been awarded ph.D. degree and 8 faculty members have submitted their thesis for the award of Ph.D degree in the year 2014-15.
- Dr. G. Venkata Rathanam has suggested to encourage the faculty to pursue their Ph.D in reputed institutions like IITs and NITs. However, about 6 faculty are pursuing their Ph.D in reputed institutions.

It is resolved to encourage more number of faculty to pursue their Ph.D in reputed institutions in line with the suggestion.

- Dr. A.R. Rao has suggested that the faculty shall be updated with contemporary developments in their respective disciplines. It is also resolved to encourage the faculty to attend more workshops in line with the above suggestion.

⑥ To review Funded Projects & Grantmaking Programs;

⑥

circums (1)

- ⑥ An amount of Rs. 2,23,97,240/- has been sanctioned/under sanction over the year by external funding agencies like UGC, AICTE, DST, MHRD etc.

With respect to the above, the following suggestions were made:

Dr. G. Venkata Rathanam has suggested the following:-

- Certification Programs may be offered as core elective subjects.
It is resolved to propose the same in the next BOS Meeting.
- To apply for research projects under Young Scientist category from DST.
It is resolved to identify the faculty who has completed Ph.D having age below 35 years and encourage them to make project-proposal under the above category.
- To send Project Proposals to the external experts for vetting before submission of the same to the external funding agencies.
It is resolved to consider the same.
- To offer the Certification Programs to the students of other Institutions:-
It is resolved to consider the same.
- To change the name of Certification Programs as Continuing education Programs:-
It is resolved to consider the same.

Dr. Y. N. Krishna Murthy has suggested the following:-

- To focus on interdisciplinary Project-proposals where a lot of funding is available:-
It is resolved to identify the faculty from various disciplines and form an interdisciplinary research team.

(7) To review the curricula Programs offered and discuss proposals for Research centres (MBA, GEE and Civil) and Additional courses:

(8) To Review Academic Performance:

(9) To review Milestones 2014-15:

- To offer Skill development Programs for local community in collaboration with government:-

However, the Institution is identified as district Skill development centre by Govt. of Andhra Pradesh. It is resolved to conduct more Skill development Programs for local community.

④ The status of current academic programs is reviewed and recorded.

It is resolved to:-

- Propose introduction of Ph.D Programs in Civil Engrg. and EEE and MBA.
- Propose introduction of M.Tech (Aeronautical Engrg.)
- Propose introduction of M.Tech (CAD/CAM)
- Propose introduction of M.Tech (Microswe and Communication Engrg.)
- Propose introduction of M.Tech (Environmental Engrg.)
- Program was closed and progressively being phased out. The final year batch is on roll for 16 AY 2015-16.

⑤ Reviewed and recorded

⑥ ⁷⁷⁴ 402 students out of 774 placements in reputed organizations like TCS, IBM, VIRTUSA, HYUNDAI etc. Current statistics were presented and recorded.

(10) To Review symposiums / FDP / workshops / conferences conducted and to be conducted

(15)

(11) To discuss and ratify constitution of Board of studies for various Programs and Academic Council

(11)

(12) To review and ratify minutes of Academic Council

(12)

(13) To review Proposed Budget for the academic year 2015-16

(13)

(14) To review correspondence from DIT/UGC/AICTE/APJCTE

(14)

(15) Any other item with permission of the chairman:

(15)

The

10) 15 workshops are conducted in the AY 2014-15 and 13 workshops are proposed to be conducted within 6 months. The details were presented and recorded.

11) Academic Council and Board of studies members for various Programs were reviewed and ratified. (List is attached as annexure - I)

12) Reviewed and ratified (Annexure - II)

13) Reviewed and recorded (Annexure - III)

14) Reviewed and recorded


15) The members were suggested the following:

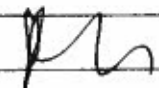
- To consider residential quarters as the Institution and departments are being recognized as Research centres which necessitates the need for working beyond scheduled hours.

- To increase the allocations for cultural and Poshila Community services.

- To consider Hindi language as an additional optional audit course along with Foreign language.

- To implement VPN Server for improving the utilization of internet and increase in access beyond working hours.


PRINCIPAL
SVKM's College of Engineering
Vijayaram Nagar
Chintalavalasa (PO)
VIZIANAGARAM-753 000


CHAIRMAN
Maharaj Vijayaram Gajapati Ra
College of Engineering
Chintalavalasa, Vizianagaram



Minutes of meeting of Governing Body:

A Meeting of the Governing Body is held on 04.07.2015 at 11.00AM at Conference hall, Admin. Block. The following were present:

	Name	Designation	Position
1	Dr.P.Anand Gajapathi Raju	Chairman, MANSAS, Fort, Vizianagaram	Chairperson
2	Dr. A. Raghava Rao	Correspondent, MANSAS	Member
3	Sothern Regional Officer	SRO-AICTE, Hyderabad	Ex-Officio
4	Prof. Chandra Mouli	Professor of Physics, Andhra University, Visakhapatnam	Member
5	UGC Nominee	UGC Nominee, New Delhi	Member
6	Dr.B.Prabhakara Rao	Rector JNTUK, Kakinada	Member
7	Prof.Amit Garg	Chairman, Research & Publications, IIM, Ahmedabad	Member
8	Dr.G.Krishnam Raju	Professor (Retd.), College of Engineering, AU	Member
9	Dr.A.Lakshmana Rao	Board Member, TRAINZ Consultancy	Member
10	Dr.G.Venkatarathnam	Professor of MECH, IIT, Madras	Member
11	Dr.Y.V.N.Krishna Murthy	Scientific Secretary ISRO, HQ, Bangalore	Member
12	Mr.V.Rajanna	Vice-President & Regional Head Global Head – technology Business Unit, TCS, Hyderabad	Member
13	Sri P.L.P.Raju	Ex-EC Member, Andhra University	Member
14	Prof. D.J.J.Ramachandra Raju	Vice-Principal(ADMN), MVGR	Member
15	Dr.P.Ravindranath	DEAN (SP), MVGR	Member
16	Dr.Y.M.C.Sekhar	Vice-Principal(ACAD), MVGR	Member
17	Dr.K.V.L.Raju	PRINCIPAL, MVGR	Member Secretary

Dr. P. Ananda Gajapathi Raju, Chairman (GB) chaired the meeting and Dr K V L Raju, Member Secretary and Principal welcomed all the members to the first Governing Body meeting of MVGR College of Engineering after conferment of Autonomous status. He introduced the external members of Governing Body Dr. A L Rao, former C E O, WIPRO, Dr Y V N K Murthy, Scientific secretary, Bangalore, Dr G V Ratnam, Professor , IIT, Chennai, Prof. Chandramouli, Professor of Physics, Andhra University, Dr G Krishnam Raju, Retd, Professor, Andhra University, and P L P Raju, Ex-EC member, Andhra University. All the internal members of the Institution have introduced themselves.



After introduction, the following agenda was taken up for discussion.

1. To review Accreditation/Approval Status
2. To Review New Labs/Infrastructure
3. To Review Civil Building Infrastructure
4. To Review Human Resources
5. To Review Research/Higher Education
6. To Review Funded Projects & Certification programs
7. To review the current programs offered and discuss proposals for Research Centers (MBA, EEE & CIVIL) and Additional Courses
8. To Review Academic Performances
9. To Review Placements 2014-15
10. To Review Symposiums / FDPs / workshops / conferences conducted and to be conducted
11. To discuss and ratify constitution of Board of Studies and Academic Council
12. To review and ratify minutes of Academic Council
13. To Review Proposed Budget for the academic year 2015-16
14. To Review Correspondence from JNTUK / UGC / AICTE / APSCHE
15. Any other item with permission of the Chairman

The minutes of meeting:

1. To review Accreditation / Approval Status

All the members appreciated for Re- accredited by NBA on OBE and NAAC with A grade. Dr G Venkata Ratnam appreciated in particular for getting 5 years accreditation for Chemical Engineering. He also suggested to focus more on the strengths and overcome the weaknesses to the maximum extent possible with respect to the accreditation criteria. The details of NBA accreditation, NAAC accreditation and Autonomous status are furnished below.



	Program of accreditation	Status of accreditation	Period
1	B.Tech. Chemical Engineering	Accredited	5 Years
2	B.Tech. Computer Science & Engineering	Accredited	2 Years
3	B.Tech. Electronics & Communication Engineering	Accredited	2 Years
4	B.Tech. Electrical & Electronics Engineering	Accredited	2 Years
5	B.Tech. Information Technology	Accredited	2 Years
6	B.Tech. Mechanical Engineering	Accredited	2 Years
7	B.Tech. Civil Engineering	Applied for Accreditation & visit awaited	-
8	MBA	Accredited	3 Years

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC)

	Cycle	Period	Grade
1	Cycle I	Five years from 15.06.2009	A
2	Cycle II	Five years from 03.03.2015	A

AUTONOMOUS STATUS BY UGC

The institution has been conferred autonomous status effective from the academic year 2015-16

**2. To Review New Labs/Infrastructure**

The details of new labs established are furnished below.

	Lab name	Investment	Area (in sqfts)
1	Power Systems Lab - M.Tech.(PS)	Rs. 6,47,000.00	1830
2	DSP Based Drives Lab –B.Tech. (EEE)	Rs. 16,28,000.00	1830
3	PLC & AC Drives Lab – SIEMENS –R&D	Rs. 22,09,000.00	1830
4	Computer Lab 1 (Turing Lab)- CSE	Rs. 25,58,630.00	1830
5	Computer Lab 2 (Berners Lee Lab)-CSE	Rs. 25,78,530.00	1830
6	Loading Frame –M.Tech. (CIVIL)	Rs. 3,10,000.00	1453

The members appreciated the management for the liberal support on infrastructure beyond curriculum especially PLC & AC drives lab established in collaboration with SIEMENS for imparting additional industry ready skills and certification program.

Reviewed and recorded.

3. To Review Civil Building Infrastructure

The details of civil building infrastructure are given below.

Existing built up area	4,00,261.24 sft.
Recently added area	42,975.44 sft.
Built up area under construction	20,740 sft.
Total built up area	4,63,976 sft.
Proposed built up area for the AY 2015-16	43,793 sft.

Reviewed and recorded.



4. To Review Human Resources

The details of Human resources are furnished below.

Qualification	Ph.D.	PhD Submitted	Ph.D. pursuing	M.Tech. / P.G	B.Tech.	Total
<i>Number</i>	56	08	68	95	22	249

Professor	Associate Professor	Sr. Assistant Professor	Assistant Professor
38	37	09	165

Non Teaching staff:

<i>Technical</i>	<i>Administrative</i>	<i>Total</i>
54	58	112

In addition to the regular non teaching staff about 120 out sourced members are working for the purpose of gardening, sanitation, transport and security.

Reviewed and recorded

5. To Review Research/Higher Education

- Various motivational initiatives for research publications were presented and the members welcomed the same.
- The number of research publications is 225. Three faculty members have been awarded Ph. D. degree and eight faculty members have submitted their thesis for the award of Ph.D. degree in the year 2014-15.



- Dr. G. Venkataratnam has suggested to encourage the faculty to pursue their Ph.D. in reputed institutions like IITs and NITs. However, about six faculty are pursuing their Ph.D in reputed institutions.

It is resolved to encourage more number of faculty to pursue their Ph.D. in reputed institutions in line with the suggestion.

- Dr A L Rao has suggested that the faculty shall be updated with contemporary developments in their respective discipline.

It is resolved to encourage the faculty to attend more workshops in line with the above suggestion.

6. To Review Funded Projects & Certification programs.

An amount of Rs. 2,23,97,240 has been sanctioned/ under sanction over the years by external funding agencies like UGC,AICTE,DST,MHRD etc. The following certification programs are being offered by the institution.

S.No.	Department	Name of the Program
1	MECH	Windchill 10.2 PDM by Adroitec Engineering Solutions Pvt. Ltd., Hyderabad
2	MECH	Creo 2.0 by PTC
3	MECH	Edgecam by Verosoft, UK
4	CHEM	Chemical Process Design and Simulation by Simtech Simulations, Hyderabad
5	ECE	Embedded Systems by Think LABS, Mumbai
6	ECE	Labview by National Instruments Systems India Pvt. Ltd.
7	ECE	Unified Technology Learning Program (UTLP) by Wipro Mission 10X
8	CSE, IT	PEGA by Virtusa Corporation
9	CSE, IT	Microsoft technologies by Microsoft Corp.
10	CSE, IT	Ethical Hacking by EC-Council Academia
11	CSE, IT	Java and C by Talent Sprint
12	CSE, IT	Network Analyst (CCNA) by Cisco Systems Inc
13	CSE, IT	Java Programming (OCJP) and DBMS by Oracle
14	EEE	PLC, Drives and Automation by Siemens
15	EEE	PLC by New Dawn Automation
16	Civil	Remote Sensing and GIS by Indian Institute of Remote Sensing



With respect to the above, the following suggestions were made:

Dr. G Venkataratnam has suggested the following:

- Certification programs may be offered as core elective subjects.

It is resolved to propose the same in the next BoS meeting.

- To apply for research projects under young scientist category from DST.

It is resolved to identify the faculty who has completed Ph.D. having age below 35 years and encourage them to make project proposals under the above category.

- To send project proposals to the external experts for vetting before submission of the same to the external funding agencies.

It is resolved to consider the same.

- To offer the certification programs to the students of other institutions.

It is resolved to consider the same.

- To change the name of certification programs as continuing education programs.

It is resolved to consider the same.

Dr. Y N Krishna Murthy has suggested the following:

- To focus on interdisciplinary project proposals where a lot of funding is available.

It is resolved to identify the faculty from various disciplines and form an interdisciplinary research team.

- To offer skill development programs for local community in collaboration with government.

However, the institution is identified as district skill development Centre by Govt. of Andhra Pradesh. It is resolved to conduct more skill development programs for local community.



7. To review the current programs offered and discuss proposals for Research Centers (MBA, EEE & CIVIL) and Additional Courses

The programs offered by the institution are given below.

B.Tech. PROGRAMS

INTAKE

➤ Chemical Engineering	: 60
➤ Computer Science & Engineering	: 180
➤ Civil Engineering	: 120
➤ Electronics & Communication Engineering	: 180
➤ Electrical & Electronics Engineering	: 120
➤ Information Technology	: 60
➤ Mechanical Engineering	: 180

M.Tech. PROGRAMS

❖ Machine Design	: 18
❖ Computer Science & Engineering	: 18
❖ VLSI	: 18
❖ Computer Networks & Information Security	: 18
❖ Structural Engineering	: 18
❖ Power Systems	: 18

Other PG PROGRAMS

➤ *Master of Computer Applications	: 60 *
➤ Master of Business Administration	: 120

Ph.D.

Mechanical, Chemical, ECE & CSE

The status of current academic programs is reviewed and recorded

It is resolved to

- ❖ Propose introduction of Ph,D programs in Civil Engineering and Electrical & Electronics Engineering and MBA.
- ❖ Propose introduction of M.Tech. (Aeronautical Engineering).
- ❖ Propose introduction of M.Tech. (CAD/CAM).
- ❖ Propose introduction of M.Tech. (Microwave and Communication Engineering).



❖ Propose introduction of M.Tech. (Environmental Engineering).

- Program was closed and progressively being phased out. The final year batch is on rolls for the AY 2015-16.

8. To Review Academic Performances

Branch	I Year		II Year		III Year		IV Year		Overall Pass %
	I Semester Pass %	II Semester Pass %	I Semester Pass %	II Semester Pass %	I Semester Pass %	II Semester Pass %	I Semester Pass %	II Semester Pass %	
CSE	92.10	82.45	80.29	88.32	91.24	76.64	71.53	87.59	81.02
EEE	90.00	88.33	88.57	87.50	76.05	71.64	82.08	78.26	76.81
MECH	71.12	59.00	65.00	69.00	79.00	73.08	91.00	91.00	87.00
ECE	76.71	71.91	90.41	86.30	89.72	78.45	78.76	80.82	83.56
CIVIL	55.00	56.67	52.86	72.22	64.29	61.76	80.60	73.13	83.82
CHE	72.70	72.00	63.60	70.20	68.00	62.00	72.70	89.40	75.00
IT	73.33	53.33	55.74	62.30	83.33	81.67	83.05	84.75	75.00

Reviewed and recorded.

9. To Review Placements 2014-15

402 students out of 774 got placements in reputed organizations like TCS, IBM, VIRTUSA, HYUNDAI etc..

Current statistics were presented and recorded.

10. To Review Symposiums/FDPs/workshops/conferences conducted and to be conducted

- 15 workshops are conducted in the AY 2014-15 and 13 workshops are proposed to be conducted within 6 months.

The details were presented and recorded.



11. To discuss and ratify constitution of Board of Studies for various programs and Academic Council
 - Academic council and Board of Studies members for various programs were reviewed and ratified. (List is attached as annexure – I)
12. To review and ratify minutes of Academic Council
 - Reviewed and ratified (Minutes of meeting is attached as annexure – II)
13. To Review Proposed Budget for the academic year 2015-16
 - Reviewed and recorded (Proposed budget for the AY 2015-16 is attached as annexure-III)
14. To Review Correspondence from JNTUK/UGC/AICTE/APSCE
 - Reviewed and recorded.
15. Any other item with permission of the Chairman

The members were suggested the following:

- To consider residential quarters as the institution and departments are being recognized as research centres which necessitates the need for working beyond schedule hours.
- To increase the allocations for cultural and possible community services.
- To consider Hindi language as an additional optional audit course along with foreign languages.
- To implement VPN server for improving the utilization of internet and increase in access beyond working hours.


(Dr. K V L Raju)
Member Secretary
04/07/15


(Dr. P Anand Gajapathi Raju)
Chairman

Academic Council

Meeting Number	Date	Pages
6 th	21.11.2020	42
5 th	13.07.2019	51
4 th	09.02.2019	34
3 rd	19.08.2017	33
2 nd	16.04.2016	24
1 st	27.06.2015	38

MAHARAJ VIJAYARAM GAPATHI RAJ COLLEGE OF ENGINEERING(AUTONOMOUS)

Vijayaram Nagar Campus, Chintalavalasa, Vizianagaram-535005, Andhra Pradesh

Accredited by NAAC with 'A' Grade & Listed u/s 2(f) & 12(B) of UGC


(Approved by AICTE, New Delhi and Permanently Affiliated by JNTUK-Kakinada)

NBA Accredited UG Courses: B.Tech(MEC), B.Tech(CIV), B.Tech(EEE), B.Tech(ECE), B.Tech(CSE), B.Tech(IT),
B.Tech(MEC) & B.Tech(CHE) and PG Course: MBA

DT: 21/11/2020

Maharaja Vijayaaram Ghatpati Raj College of Engineering (A),
Vizianagaram, 6th Academic Council Meeting held in the
institution premises through online (Microsoft Teams) on
21/11/2020 at 3 P.M.

Members present :-

(1) DR. K.V.L. RAJU - chairman 
Principal & Correspondent

(2) DR. G.V.R. Prasad RAJU - Member
Rector, INTUK, Kakinada

(3) DR. R. Srinivas Rao - Member
DAP - INTUK, Kakinada

(4) DR. L. Sumalatha - Member
DE - INTUK, Kakinada

(5) DR. E.S.N. RAJU - Member
Senior Project Manager
Centre for Sustainable Development
A.P. HRD Institute, Rajahmundry, A.P.
Former Chief Engineer, I&CAD

(6) Sr. G.S. Shriv Kumar, CEO - Member
Maple Software Pvt. Ltd.
Vidyalakshmi

(7) Dr. A. Srinivas Kumar — Member
Associate Director, NSTL
Vidyalakshmi.

(8) Dr. Ch. Suresh Chandra Rao — Member
HOD & Dean (AE)
(HLL)

(9) Dr. R. Ramakrishna
Dean (R&D)

(10) Dr. P. Ravindranath
Dean (strategic planning)

(11) Dr. P. Ranga Rao
Dean - Admin.

(12) Dr. M. Sunil Babu
HOD - ECE & Dean (TP)

(13) Dr. G.V. N. Ranga Rao
HOD - Chemistry & Dean (Exam)

(14) Dr. S. Mohan Kumar
HOD - English & Dean (Students)

(15) Dr. K. Ramesh Rao
Dean (C.T.)

(16) Dr. D.R. Krishna Rao
Dean (Faculty development)

(17) Dr. S. Adinarayana - member
HOD-Mechanical Engg.

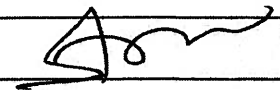
(18) Dr. V. Nagesh - Member
HOD-IT



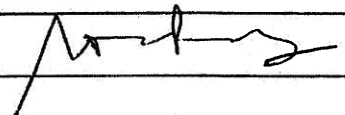
(19) Dr. P. Ravi Kiran Varma - Member
HOD-CSE



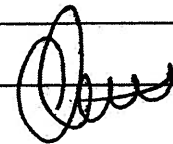
(20) Dr. Gopal-Kumar Babu - Member
HOD-EEE



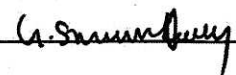
(21) Dr. P. Marikandegla Raju - Member
HOD-Civil Engg.



(22) Dr. CH.V. Subba Rao - Member
HOD-chemical Engg.



(23) Dr. G. Srinivasa Reddy - Member
HOD-Physics



(24) Dr. G.V.S.S.N. Gupta B.F. - Member
HOD-MBA & Dean (Finance)



(25) Dr. Y.M.C. Sekhar - Member Secretary UVC Sekhar
Vice-Principal (Academic)



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Minutes of meeting of Academic Council

Online (Microsoft Teams) Meeting of the Academic Council is held on 21.11.2020 at 03.00 PM.

The following were present:

- | | |
|---|----------|
| 1. Dr. K. V. L. Raju
Principal | Chairman |
| 2. Dr. G.V.R. Prasada Raju
Rector - JNTUK | Member |
| 3. Dr. R.Srinivasa Rao
Director – Academics & Planning, JNTUK, Kakinada | Member |
| 4. Dr. L. Suma Latha
Director of Evaluation, JNTUK, Kakinada | Member |
| 5. Dr. I. S. N. Raju
Chairman – Elect
The Institution of Engineers (India), A.P. State Centre | Member |
| 6. Dr. Ch. Purnachandra Rao
Dean – A&E, HoD, Mathematics | Member |
| 7. Dr. R. Ramesh
Dean – R & D | Member |
| 8. Dr. P. Ravindranath
Dean – Strategic Planning | Member |
| 9. Dr. M.Sunil Prakash
Dean – Training & Placement, HoD, ECE | Member |
| 10. Dr. T. V. N. Partha Sarathi
Dean – Examinations, HoD, Chemistry | Member |
| 11. S. Mohan Kumar
Dean – Students, HoD, English | Member |
| 12. Dr. K.Rajeswara Rao
Dean - CI | Member |
| 13. Dr. G.V.S.S.N Raju
Dean- Finance, HOD, MBA | Member |
| 14. Dr. S. Adinarayana
HOD – Mechanical | Member |
| 15. Dr. V. Nagesh
HOD – IT | Member |



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16. Dr.P. Ravi Kiran Varma HOD – CSE	Member
17. Dr. Sarat Kumar Sahu HOD – EEE	Member
18. Dr. P.Markandeya Raju HOD – Civil	Member
19. Dr. Ch. V. Subba Rao HOD – Chemical	Member
20. Dr. G.Srinivasa Reddy HOD – Physics	Member
21. Dr. Y. M. C. Sekhar Vice-Principal (Academics)	Member Secretary

Dr. K V L Raju, Chairman (AC) and Principal chaired the meeting and welcomed all the members to the sixth Academic Council meeting of MVGR College of Engineering (A) after conferment of Autonomous status.

The following agenda was taken up for discussion:

1. Compliance to minutes of the last academic council meeting
2. Accreditations and status of current academic programs
3. New labs/ Infrastructure Developed
4. Building Infrastructure
5. Human resources
6. Learning resources
7. FDP's conducted /to be conducted/ attended
8. Research and higher learning, Achievements
9. Funded projects
10. Student academic performance
11. Student performance (Co-Curricular & Extra- Curricular)
12. Awards / scholarships / sponsorships
13. Training & Placements



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14. Introduction of new programs / additional intake / closure for the AY 2019-20
15. Correspondence received from NBA/JNTUK/AICTE/UGC/APSCH
16. Revised academic regulations of B.Tech./M.Tech./MBA
17. Minutes of BOS
18. Any other item with the permission of the chairman

The minutes of meeting:

6-AC-1: COMPLIANCE TO MINUTES OF THE LAST ACADEMIC COUNCIL MEETING

Dr Shiv Kumar, CEO, Mapple software, has suggested the following

To offer M.Tech. Program to the employees working in nearby organizations.

- The footprints of large industries in vizianagaram district is significantly low and most of the industries are MSMEs only. Hence , it has been differed to offer M.Tech. programs to the employees working in nearby organisations.

To improve the utilization of library resources (Journals, digital library etc.)

- The average users per day have increased from 325 to 450.

To develop MOOCs by internal faculty:

- The Institution has already established digital studio for developing MOOCs.
- The Institution has conducted online classes to B.Tech., M.Tech and MBA through Microsoft teams. On account of COVID pandemic, the faculty have developed the video courses for theory and laboratories and also using the Learning Management Systems (Canvas, MVGR moodles) to assess the outcomes of the students.

Covid 19 pandemic has given an opportunity to develop the video courses for theory and laboratory. About 35 theory and 10 lab courses were developed for the current semester and planning to develop about 30 theory and 10 lab courses for the coming semester. The quality of video courses shall be improved within 2 years to meet the international standards.



To invite resource persons from industry to deliver guest lectures and interaction with faculty members:

- As a practice, the Institution is inviting eminent persons from industry to deliver guest lectures on contemporary/advanced technologies to bridge the gap between Institution and Industry. 68 such programs were conducted. On account of Covid 19 pandemic, the faculty members are actively participated in online webinars, workshops and FDPs and got an opportunity to interact with industry people.

To collaborate with industry to strengthen the Industry - Institute interaction.

- At present, the Institution is having collaboration with 10 industries and Members from various industries like TCS, ISRO, NSTL etc. are on Board of Studies, Academic Council & Governing Body
- MVGR has been involved in collaborative work with the following industries during the AY 19-20.
 - Sarda Metals and Alloys (SMAL), Esai Pharma & Innovare Labs.

To present the placement data upto current year since inception of the Institution and number of placements in the current year.

- Total Number of Placements Last 10 years : 4790
- Placements for the AY 2019-20 : 602

Dr I S N Raju, Retired Chief Engineer & Senior Project Manager, APHRDI, has suggested the following:

To strengthen the consultancy:

- Department of civil engineering is actively involved in consultancy works like design of culverts, buildings, water tanks for rural water supply , traffic surveys etc. and acting as Third party quality auditor for Vizianagaram Municipality. Department of Civil Engineering has executed consultancy works worth of Rs. 4,00,000 for the year 2019-20.
- MVGR has been involved in collaborative work with the following industries:
 - Sarda Metals and Alloys (SMAL):** The objective is to prepare a team of faculty and students to undertake projects/improvement activities at SMAL which will better operations at SMAL.
 - Esai Pharma:** MVGR help was sought by Esai pharma to train staff/technicians
 - Innovare Labs:** MVGR has been helping Innovare Labs to solve their powder mixer problem as well as improve their solvent recovery process. Due to high viscosity of the powder solvent mixture, the



mixer shaft at Innovare has been experiencing repeated stalling. MVGR conducted studies to help alleviate this problem as well as improve the quantity of solvent that is recovered.

To apply for National Accreditation Board for Testing and Calibration Laboratories (NABL) for accreditation of the Laboratories.

- The Institution is in the process of calibrating the existing equipment as per the guidelines of NABL

To test the water quality in adopted villages:

- The department of Civil Engineering in collaboration with Department of Chemistry has conducted the water quality test in the villages Chintalavalsa, Raghumanda, Boddavalasa, Aakulapeta, Amakam and submitted the report to the concerned authorities.
- Also Department of Civil Engineering is conducting water audit periodically in the campus for optimum utilization of resources.

Dr. A Srinivasa Kumar, Scientist-G, NSTL, has suggested to ensure that the curriculum design shall be mapped with GATE syllabus.

- Gate syllabus is factored in designing the curriculum by the respective BoS and bridged the gaps.

Reviewed and recorded.

Institution at a Glance:

- ☐ MVGR is a 23 years old institution, established in 1997
- ☐ All eligible UG Programs(CHEMICAL, CIV, CSE, ECE, EEE, IT & MECHANICAL) were re-accredited by NBA - Department of Civil Engineering was accredited under Tier - I
- ☐ MBA program was also accredited by NBA.
- ☐ SIRO Recognition by DSIR
- ☐ Had been re-accredited with Grade 'A' by NAAC of UGC
- ☐ Has Permanent affiliation with JN Technological University-Kakinada
- ☐ Listed under sections 2(f) & 12(b) of UGC act 1956.
- ☐ Approved by AICTE-New Delhi
- ☐ EIGHT departments are recognized as RESEARCH CENTERS by JNTU-K
- ☐ Granted Autonomy by UGC in 2015
- ☐ Campus of 60 acres
- ☐ Offering 7 UG and 5 M.Tech and 1 MBA program
- ☐ 234 faculty of which 83 Ph.D. Degree holders.
- ☐ 83 Laboratories with an investment of over 13 crores
- ☐ Total built up area of about 7 Lakh sft
- ☐ About 42,000 volumes and Access to 8 international online journal packages like IEEE, SPRINGER, ASME, ASCE etc.
- ☐ Rated as AA (20th Position) by NPTEL Swayam for active participation in MOOCs



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- ☐ 1540 Systems & 395 Mbps band width internet facility
- ☐ About Rs. 4 crore worth of on-going R&D projects
- ☐ Actively involved in civil engineering consultancy work as Third Party Quality Auditor for Vizianagaram Municipality
- ☐ WIPRO Recognized technology learning center and MISSION 10X partner institution
- ☐ Recognized National Instruments Academy for Training in LabView
- ☐ Recognized PTC Centre of Excellence for CREO Training
- ☐ Identified by MSME as Business Incubation Centre
- ☐ APSSDC-Siemens Technical Skill Development Institute (tSDI)
- ☐ Recognized CMs SKILL EXCELLENCY CENTER (SEC)
- ☐ Microsoft Ed-vantage Platinum Partner
- ☐ Institutional member of IUCEE
- ☐ Institutional Member of CII
- ☐ Member, Chamber of Commerce, Vizianagaram
- ☐ Green Campus award by Govt. of AP

6-AC-2: ACCREDITATIONS AND STATUS OF CURRENT ACADEMIC PROGRAMS

NBA

All the 7 B.Tech. programs offered by the Institution were accredited by NBA

Program of accreditation	Cycle -I		Cycle -II		Cycle -III	
	Status	Years	Status	Years	Status	Years
B.Tech. CHEM	Accredited	3 Ys from 13.03.2009	Accredited	5 Ys from 01.07.2015	Accredited	5 Ys from 01.07.2015
B.Tech. CSE	Accredited	3 Ys from 10.02.2009	Accredited	3 Ys from 01.07.2015	Accredited	3 Ys from 01.07.2018
B.Tech. ECE	Accredited	3 Ys from 13.03.2009	Accredited	3 Ys from 01.07.2015	Accredited	3 Ys from 01.07.2018
B.Tech. EEE	Accredited	3 Ys from 10.02.2009	Accredited	3 Ys from 01.07.2015	Accredited	3 Ys from 01.07.2018
B.Tech. IT	Accredited	3 Ys from 10.02.2009	Accredited	3 Ys from 01.07.2015	Accredited	3 Ys from 01.07.2018
B.Tech. MECH	Accredited	3 Ys from 10.02.2009	Accredited	3 Ys from 01.07.2015	Accredited	3 Ys from 01.07.2018
B.Tech. Civil	-	NOT ELIGIBLE	Accredited	3 Ys from 01.07.2016	Accredited under Tier - I	3 Ys from 01.07.2019
MBA	Accredited	3 Ys from 04.01.2013	Accredited	3 Ys from 01.07.2019		

NAAC

	Cycle	Period	Grade
1	Cycle I	Five years from 15.06.2009	A
2	Cycle II	Five years from 03.03.2015	A



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UGC - AUTONOMOUS STATUS

The institution was granted autonomous status by University Grants Commission (UGC) conferred by JNTUK - valid from **2015-16 to 2020-21**.

B.Tech. PROGRAMS

Intake

- Chemical Engineering : 60
- Computer Science & Engineering : 180
- Civil Engineering : 120
- Electronics & Communication Engg : 180
- Electrical & Electronics Engineering : 120
- Information Technology : 120
- Mechanical Engineering : 180

M.Tech. PROGRAMS

Intake

- Structural Engineering : 18
- Power Systems : 18
- Product Design & Manufacturing : 18
- VLSI : 18
- Comp. Networks & Inf. Security : 18

Other PG PROGRAMS

- Master of Business Administration : 120

Ph.D.

- Mechanical, Chemical, ECE & CSE, EEE, CIVIL, MBA & MATHS

Dr I S N Raju, Retired Chief Engineer & Senior Project Manager, APHRDI, has suggested to explore the possibility of identifying consultant to guide in accreditation process of NABL and volunteered to share the details of professional consultants.

It is resolved to explore the possibility of identifying consultant to guide in accreditation process of NABL

The status of Accreditations and current academic programs being offered are reviewed and recorded

6-AC-3: NEW LABS/ INFRASTRUCTURE DEVELOPED

The following new laboratory / Infrastructure has been established based on curricular changes, ageing, Technological obsolescence and requirements of additional skill development.

Sl	Department & Laboratories	Cost (Rs)
1	Civil Engineering Concrete Technology(LVDT)	32,000
2	Mechanical Engineering Automatic Lathe Machine	8,79,386



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3	Electronics and Communication Engineering ECAD, Microwave & Optical Communications,	1,02,802
4	Computer Science & Engineering Up-gradation of Godel Lab	2,38,500
5	Chemistry Mansingh service meter	95,285
Total Investment		13,47,973

Reviewed and recorded

6-AC-4: BUILDING INFRASTRUCTURE

Existing Built up area

S.No	Name of the Building	Area (sft)
1.	Mechanical Block	49,453
2.	CSE Block	48,743
3.	ECE Block	47,936
4.	EEE Block	47,742
5.	Civil Block	42,011
6.	PG Block	33,173
7.	Admin Block	19,067
8.	Library Block	6,004
9.	S & H Block	5,423
10.	Bank	3,300
11.	Canteen	6700
12.	Sri Ganesh Temple	699
13.	Generator Room	678
14.	Girls Hostel	65,195
15.	Main Gate	2,098
16.	Amenities	2,195
17.	Work Shops	33,162
18.	Servant Quarters	1,614
19.	Civil SF (Chemical)	21,004
20.	Office:	2,475
21.	Girls Hostel-C Block	18,260
22.	Others	15,645
23.	Services Block (Guest Rooms)	2,250
24.	Gym	6,600
25.	Parking Sheds	1,000
26.	Boys Hostel	1,65,000
27.	Central Library	46,200

Proposed Built up area

Name of the Building	Area (Sft.)
R&D BLOCK	32,000
Canteen FF	6,600
Total	38,600

Total Built Up Area = 6,82,774 Sft.

Reviewed and recorded



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6-AC-5: HUMAN RESOURCES

QUALIFICATIONS

Ph.D.	83
Ph.D. (Submitted)	3
Ph.D. (Pursuing)	72
M.Tech. / PG	73
Others	3
TOTAL	234

CADRE

Professor	28
Assoc.	40
Asst.	163
Others	3
TOTAL	234

Reviewed and recorded

6-AC-6: LEARNING RESOURCES

Magazines, Journals & Newspapers

Titles	Volumes	Avg Users per Day	Area Sft.s
18,351	41,755	450	46,500

PRINT JOURNALS

NATIONAL	INTERNATIONAL	TOTAL
122	11	133

MAGAZINES	NEWS PAPERS
34	10

FACILITIES

EZ Proxy Server (to access e-journals from Digital Library)
Reprographic Facilities
DELNET Services
Automated User Service
Student Group Discussion Room

Digital Library

E-BOOKS

➤ McGRAW-HILL	365
➤ ASTM Digital Library	1700
TOTAL	2,065

E-JOURNALS

➤ IEEE -	161
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➤ SPRINGER(EEE)	134
➤ SPRINGER (Mech.)-	46
➤ ASME (Mech.) -	36
➤ ASCE (Civil)-	34
➤ ELSEVIER (Science Direct)-	275
Total	686

ARTICLE DATABASE

➤ J-GATE Engg.	1763
➤ J-GATE Management	2128
Total	3891

Internet Bandwidth: 395 MbPS

E- Learning material

- NPTEL Web courses : 619 Subjects
- NPTEL GATE modules
- Video Courses : 110 (each 40 Hrs.)
- IUCEE Material : 1 Terabyte Hard disc
- NITTTR Material : 275 CDs on all subjects

Reviewed and recorded.

6-AC-7: FDPS CONDUCTED /TO BE CONDUCTED/ ATTENDED

FDPS conducted / organized: 10

Dept	Name of the program	Date(s)	Resource persons with designation and Organisation
Civil	RECENT TRENDS IN SUSTAINABLE DESIGN OF STRUCTURES	18th – 30th November, 2019	Dr. KVL Subramaniam, Prof. IIT Hyderabad, Dr. Brajesh Kumar Dubey, Assoc. Prof., IIT KGP Dr. B. Nageswara Rao, Prof., IIT Madras Dr. S Suriya Prakash, Assoc. Prof., IIT Hyd Dr. D Ramaseshu, Prof. NIT Warangal Dr. Bibhuti Bhusan Das, Assoc. Prof., NIT Surathkal Dr. MG Muni Reddy, Assoc. Prof., AUCE Dr. DSR Murty, Prof. AUCE Dr. P Krishnam Raju, Retd. Dy. C E, Port Trust, VSP Dr. B Ravi Kumar, Plant Head, Ultratech Cement VSP
	SUSTAINABLE SYSTEMS AND STRUCTURES	15 th – 16 TH Nov, 2019	Dr. G. Appa Rao, Prof., IIT Madras. Dr. M. Amarnath Reddy, Assoc. Prof, IIT -



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			KGP. Dr. K. Rama Raju, Chief Scientist, Head-Vibration control group, CSIR-SERC, Chennai. Sri A Saibaba, Chief Engineer –Indian Railways Sri. N.Jagan Mohan Rao, Chief Engineer (Retd.), North Coastal
ECE	CHANNEL CODING IN 5G	24 th - 25 th , August 2019	Dr.Lalitha Vadlamani, Professor, IIIT, Hyderabad. Dr. Lakshmi Prasad Natarajan, IIT, Hyderabad. Dr.Birinjit Sasidharan, Professor, Govt. Engg College, Barton Hill,Trivendrum.
CSE & IT	ANN and Deep Learning	3 rd -8 th , June 2019	Prof.G.Rama Murthy, IITH Hyderabad Dr.M.Srinivas,IITH Hyderabad Dr.M.Anand Kumar,NIT Suratkal Dr.Nagesh Bhattu, NIT-AP Dr.M.Srinivas,NIT Warangal

FDP Proposals : 8

Dept	Name of the program	Proposed Dates
MECH	STTP on “Recent Trends on Hybrid and Electric Vehicle Technologies”	23.11.2020 to 27.11. 2020
CSE	Machine Learning Applications with R Programming-MLARP	25.11.2020 to 30.11. 2020
CSE	STTP on Augmented and virtual reality (AR&VR)	Dec - 2020
ECE	Design and simulation of miniature antennas for IoT applications	23.11.2020 to 27.11. 2020
IT	Workshop on AI and Machine Learning	20.12.2020 to 25.12. 2020
IT	Workshop on IoT	01.12.2020
Chem	ASPEN Hysis	28.12.2020 to 30.12.2020
MBA	Data Analysis using SPSS, AMOS and R	30.11.2020 to 05.12.2020

Number of FDPs attended by Faculty: 383



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GIAN Courses attended by Faculty : 11

Number of MOOCs done by Faculty: 152

MOOC's Toppers List (Faculty):

S.No	Name of the Faculty	Subject	Standing
1	Ravi Kiran Varma P	Ethical Hacking	Topper of 1% in this course
2	Sangamreddi	Fluid Mechanics	Topper of 1% in this course
3	Chinthala Sri Ram	Digital Image Processing	Topper of 1% in this course
4	Krishna Kumari Karri	Soft skills	Topper of 2% in this course
5	Joshua Kumar Saladi	Heat Exchangers Fundamentals and	Topper of 5% in this course
6	Devalingam	Fundamentals of Surface	Topper of 5% in this course
7	Dr D V Raghuvamsi	Ethics in Engineering Practice	Topper of 5% in this course

Faculty Recognitions

Dr.P. Ravi Kiran Varma Assoc. Prof., & Mr. K. V. Subba Raju., Asst. Prof., CSE are recognized as "Expert Instructor Excellence" by CISCO

Faculty Internships: 62

Number of Publications: 166

Number of Publications with high impact factor: 54

Dr. I S N Raju, Chairman – Elect, The Institution of Engineers (India), A.P. State Centre has suggested the following:

- To improve the participation of faculty of Department of Civil Engineering in industry internships.
 - It is resolved to improve the faculty (Dept. of Civil Engineering) engagement in industry internships.*
- To analyse the reasons for low academic performance of Civil Engineering students(2016-20).
 - The reason being 17 students of B.Tech Civil Engineering were selected for Grama / Ward Sachivalayam posts and detained in the 8th semester (Only Project) due to lack of attendance.*

Reviewed and recorded.



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6-AC-8: RESEARCH AND HIGHER LEARNING, ACHIEVEMENTS

Ph.D. awardees:

	Name of the Faculty	Designation	Department
1	Dr. M.VINODH KUMAR	Asst. Professor	ECE
2	Dr. B.LAVANYA	Asst. Professor	ECE
3	Dr. G. VIMALA KUMARI	Asst. Professor	ECE
4	Dr. B. V. RAMANAIAH	Sr. Asst. Professor	Chem
5	Dr. V. JYOTHI	Asst. Professor	IT
6	Dr. V.V.R. Rama Bhadri	Asst. Professor	Maths
7	Dr. B.B.V.S. Vara Prasad	Asst. Professor	Physics
8	Dr. M.V.V.Bhanu	Asst. Professor	MBA
9	Dr. RICHA PANDEY	Asst. Professor	EEE
10	Dr. P. SURYA PRASAD	Assoc. Professor	ECE
11	Dr. V.N.LAKSHMAN	Asst. Professor	ECE
12	Dr. M. CHANDRA	Asst. Professor	CSE
13	Dr. I. KRANTHI KIRAN	Assoc. Professor	EEE

Ph.D. Thesis Submitted:

	Name of the Faculty	Designation	Department
1	Mrs. D. V. PADMA	Asst. Professor	Chemical
2	Mr. D. SIDDARTHA	Asst. Professor	MBA
3	B.ANJANADEVI	Asst. Professor	IT

Faculty pursuing Ph.D at IIT/NITs

	Name of the Faculty	Designation	Departm	FT / PT	Institute/
Registered Last Year					
1	BVSSR Bhaskar	Asst. Professor	CIVIL	FT	IIT Tirupathi
2	AVS Kalyan	Asst. Professor	CIVIL	PT	NIT, Silchar
3	G. Sankara Mani	Asst. Professor	EEE	PT	VNIT, Nagpur
4	P. Pavan Kumar	Asst. Professor	EEE	PT	NIT, Raipur
5	Krishna Kumari	Asst. Professor	EEE	PT	NIT, Raipur
6	S.M.K Patnaik	Asst. Professor	EEE	FT	NIT, AP
7	N. Shanmukha Rao	Asst. Professor	ECE	PT	NIT, Rourkela
8	N. Sushma Rani	Asst. Professor	CSE	PT	NIT, AP
9	G.N.V Raja Reddy	Asst. Professor	IT	PT	NIT, Silchar
Pursuing					
10	Ch. Ravi Sankar	Asst. Professor	CIVIL	FT	IIT- Kharagpur
11	B.V Joga Rao	Asst. Professor	CIVIL	FT	IIT- Kharagpur
12	T. Sudhakar	Asst. Professor	EEE	FT	IIT-Mumbai
13	G. Pramodh Kumar	Asst. Professor	MECH	PT	NIT- Trichy
14	K.Ravi Kumar	Asst. Professor	MECH	FT	NIT- Trichy



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15	B. Praveen Sai	Asst. Professor	ECE	FT	IIT- Hyd.
16	A.U.G.Sankara Rao	Asst. Professor	ECE	FT	IIT- Hyd.
17	V.S.M Srinivasa Varma	Asst. Professor	ECE	FT	IIIT (D&M)
18	H. Sudha	Asst. Professor	ECE	FT	Andhra University
19	D.Mallikarjun Reddy	Asst. Professor	CSE	FT	IIT Madras
20	D.Anthony Balaraju	Asst. Professor	CSE	FT	IIT Madras

Dr. G.V.R Prasada Raju Garu, Rector JNTUK has appreciated the Institution's support for more number of faculty members acquiring PhDs.

TRAINED AND CERTIFIED RESOURCE PERSONS:

The Institution is collaborating with Industries to train the faculty members on Industry ready skills/Modern tool, who in turn train the students. The following faculty members were trained by Industries and conducting certification programs on modern tool to students.

	Industry ready skills / Modern tool	Dept.	MoU with	Trained & Certified resource Person
1	Creo, Windchill (PLM), Ansys	MEC	PTC Bengaluru	1. Dr. S. Adinarayana 2. K. Ajay 3. Dr. S. Srinivasa Rao 4. S Sanyasi Naidu 5. Dr L V V Gopal Rao 6. G Satyanarayana 7. G. Veeraiah 8. M.K. Naidu 9. Dr. N. Ravi Kumar 10. Ch. Varun
2	Embedded Systems (Micro Controller & Embedded Processors)	ECE	Think Labs IIT Bombay	1. Dr. R Ramana Reddy 2. K Rakesh 3. U.N. Subhadra Devi 4. G. Vimala Kumari 5. V. Lavanya 6. N. Shanmuka Rao 7. Dr. M. Satyanarayana
3	N I Lab view (NI Software and Hardware Modules)	ECE	National Instruments, Bengaluru	1. B. Lavanya 2. B. Srinivas 3. M. vinod Kumar 4. M.Lakshmi prasanna 5. Dr. Shaik Mastan Vali 6. Dr. M. satyanarayana
4	IOT Internet of Things	ECE	Phytec Embedded Pvt. Ltd, Bangalore	1. Dr.R.Ramana Reddy, 2. Mr. K. Rakesh 3. Mrs. G. Vimala Kumari
5	M T L C (Unified Technology Learning Platform)	ECE	WIPRO Bengaluru	1. D. Raja Ramesh 2. P. Surya Prasad
6	AC Drives	EEE	SIEMENS	1. Dr. Sarath Kumar Sahu



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				2. P .Sai Srinivas
				3. Ch. Bhavani Shankar
				4. P. Pavan Kumar
				5. B. Jagannadh Ch. Yadav
7	PLC	EEE	SIEMENS	1. Dr. Sarath Kumar Sahu
				2. P. Sai Srinivas
				3. Ch. Bhavani Sankar
				4. P. Pavan Kumar
				5. Jagannadh Ch.Yadav .B
		ECE		6. P U K Prabha
		MECH		7. K Ajay (PLC)
				8. R.U.S.M Raju
8	MAT Lab	EEE		1. I. Kranthi kiran &
				2. K S Ravi Kumar
9	EPANET (Hydraulic Analysis of water supply pipe network)	CIV		1. Dr. S. Chandramouli
				2. Mr. AVS Kalyan
10	Staad.Pro	CIV		1. Dr. P. Markandeya Raju
11	GIS	CIV	IIRS Dehradun	1. Mr. A Vara prasad
				2. Mr. Ch. V. Ravi Shankar
				3. Mr. B. V. Jogarao
12	Processing Equipment Design	CHEM	SIMTECH Solutions Hyderabad	1. Dr. CH V subbarao
				2. B Sarva Rao
				3. G V S K Reddy
				4. Dr. D. Krushna
13	JAVA programming	CSE	Oracle Corporation	1. P S SitaRamaRaju
				2. G Veerabhadra Rao
				3. Dr. C. Kalyan Chakravarthy
14	PEGA	CSE	VIRTUSA Hyderabad	1. Dr. S. Srinivasa Rao
				2. K V Subba Raju
15	Information security analyst	CSE	APSSDC & NASSCOM	1. K V Subba Raju
16	Data Analytics	CSE		2. Dr. P. Srinivasa Rao
17	CCNA	CSE	CISCO	1. P. Ravi Kiran Varma
				2. K V Subba Raju
18	Ethical Hacking	CSE	EC-Council academia	1. P. Ravi Kiran Varma

No. of faculty trained on six sigma by ASQ (American Society for Quality) : 17

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6-AC-9: FUNDED PROJECTS

Funded Projects sanctioned:

S. No	Title of the project	Agency	Principal Investigator	Amount in
1	Design and Simulation of Miniature Antennas for	AICTE	Dr. M Satyanarayana	2,80,000
2	Machine Learning Applications with R	AICTE	Dr. P Satheesh	1,97,500
3	Electric and Hybrid Vehicle Technologies	AICTE	Dr. N Ravi Kumar	3,40,900
4	Development of Intelligent Algorithms for	DST	Dr. G Suvarna Kumar	18,30,000
5	Recent Trends in Sustainable Design of Structures	AICTE	Dr. P Markandeya Raju	4,03,000
6	International Conference on Sustainable systems	AICTE	Dr. P Markandeya Raju	5,00,000
7	Modernization and Removal of obsolescence in	AICTE	Dr. S Adinarayana	12,27,900
Total				47,79,300

Ongoing Funded Projects:

S. No	Title of the project	Agency	Principal Investigator	Amount in
1	Toughened Concrete for Building Structures of National Importance against Impact Forces	DST	Dr. Partheepan Ganesan	18,48,000
2	Synthesis and Characterization of Thermochemical Material for Solar Thermal	DST	Dr. M Siva Subrahmanyam	18,48,000
3	Exploring magnetic, magnetocaloric and magnetoresistive properties of $Ti(Fe_{1-x}Co_x)_2$	DST	Dr. Shanmukha Rao Samatham	18,48,000
4	Integrated Water Management Through Rejuvenation of Surface Tanks in Vizianagaram	DST	Dr. R Maheswaran	1,04,33,360
5	Designing Huesler Compounds for Magnetic Refrigeration and Spintronics Application	UGC	Dr. S Samantham	45,000
6	Wavelet Entropy Based Multiscale Performance Analysis: An Approach to Asses and Improve	DST	Dr R Maheswaran	17,01,310
7	Design and Development of KU band Micro strip patch antenna Array for Satellite	DST	Dr G Anjaneyulu	31,41,000
8	INSPIRE Faculty Fellowship	DST	Dr. R. Maheshwaran	35,00,000
9	Process optimization studies on Removal of Heavy Metals from Waste Water using Mixed	DST	Dr. D. Krishna	26,58,000
10	Funds for improvement of S&T infrastructure	DST	Dr. K. V. L. Raju	30,00,000
Total				3,00,22,670

Total Value of Funded Projects - **Rs. 3,48,01,970/-**

Collaborative Projects

- The Institution has signed MOU with Zunik Energies for establishment of a R& D centre. MVGR agreed to allocate space for operations of Zunik (15 employees of Zunik are expected to



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work out of MVGR). Equipment worth Rs. 60 lakh (approx.) will be arranged by Zunik and housed at MVGR.

- The collaborative project with iKriya Learning USA and University of Central Florida which is aimed at the development of exercise devices for children and adults with neuromuscular deficits such as stroke patients, children with cerebral palsy etc. PCB design and testing has also been done by iKriya. MVGR has developed interactive games to work with the device. Manufacturing of the electronics and IoT system has to be carried out by MVGR in collaboration with AMTZ.
- MVGR along with ARAI has partnered with Ozran Scientific, a high-tech products and services company based in Brisbane, Australia as well as Griffith University, Australia that is involved in development of emission reduction systems for automobiles. A proposal entitled Development of an Ultrasonic Diesel Particulate Emission Reduction System was submitted to the Australia-India Strategic Research Fund, a joint funding scheme operated by the Government of Australia and the Department of Science and Technology, India.
- Mr. Rajeshwar, working for General Electric pursuing PhD at the University of South Africa, Pretoria has set up research facility at MVGR for conducting experiments on sub-cooled boiling in order to estimate critical heat flux.

MOUs :

SL	COLLABORATING ORGANIZATION	DoS MoU	PURPOSE
1	Geo Spatial Environmental Solutions (GES)	Jan-2020	To conduct research based collaborative and consultancy projects
2	University of Central Florida	12.06.19	To provide students the opportunity to pursue graduate education at UCF.
3	Maharaja Institute of Medical Sciences	29.04.19	To facilitate industry-institute interaction for technical
4	iKria Learning LLC	05.01.19	To perform collaborative research on IoT product development
5	APSSDC and Dassault Systems	14.11.18	To establish a 3D Center of Excellence and to provide industry and domain skills to students.
6	JNTU Kakinada	01.09.18	Signed as a part of Margdahan scheme of AICTE to facilitate the development of
7	CodeTantra Tech Solutions Pvt. Ltd	05.05.18	To make students employment ready in IT Sector



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8	Novel Intellectual Property Rights Academy (NIA)	04.05.18	To create, develop and promote IPR Cell in the college
9	Benaka Technologies	30.5.2017	To establish a Biogas plant in the college
10	Andhra Pradesh Skill Development Center		To set up a technical center of excellence

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6-AC-10: STUDENT ACADEMIC PERFORMANCE

a) Results - Academic Year 2019-20

B.Tech.

S. No	Batch	Prog.	Sem	Reg / Sup.	Conduct of Exams	Declaration of results	Overall Pass%
1	2016(Project)	B.Tech	VIII	Reg.	June 2020	17.07.2020	100.00
2	2016(Chemical Theory)	B.Tech	VIII	Reg.	September	01.10.2020	100.00
3	2016	B.Tech	VII	Reg.	November	23.01.2020	82.41
4	2015	B.Tech	VII	Sup.	2019		27.27
5	2015, 2016	B.Tech	VII	Sup.	February	01.06.2020	66.86
6	2017	B.Tech	VI	Reg.	Examinations were conducted from 02.11.2020 to 19.11.2020 and		
7	2015, 2016, 2017	B.Tech	VI	Sup.			
8	2017	B.Tech	V	Reg.	October 2019	17.12.2019	74.12
9	2015, 2016	B.Tech	V	Sup.			34.73
10	2015, 2016, 2017	B.Tech	V	Sup.	February	14.03.2020	46.11
11	2018	B.Tech	IV	Reg.	Examinations were scheduled to be conducted from 30.11.2020		
12	2015, 2016, 2017	B.Tech	IV	Sup.			
13	2018	B.Tech	III	Reg.	October 2019	25.11.2019	69.20
14	2015, 2016, 2017	B.Tech	III	Sup.			27.35
15	2015, 2016 2017, 2018	B.Tech	III	Sup.	February 2020	14.03.2020	35.14
16	2019	B.Tech	II	Reg.	Examinations were scheduled to be conducted from 21.12.2020 onwards.		
17	2015, 2016 2017, 2018	B.Tech	II	Sup.			
18	2019	B.Tech	I	Reg.	January 2020	29.02.2020	75.98
19	2015, 2016 2017, 2018	B.Tech	I	Sup.			19.19

M.Tech.

S. No	Batch	Program	Semester	Reg /	Conduct of	Declaration	Overall
1	2017	M.Tech	IV (Project Phase – II)	Reg	July 2019	30.07.2019	72.3
					Aug 2019	12.09.2019	
					Sep / Oct	28.10.2019	
					Oct 2019	30.10.2019	



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2	2018	M.Tech	IV	Reg	The Project work viva-voce is scheduled to be conducted in Nov / Dec 2020.		
3	2018	M.Tech	III(Project Phase – I)	Reg	December 2019	27.01.2020	100.00
4	2018	M.Tech	II	Reg	July 2019	21.09.2020	84.52
5	2015, 2016,	M.Tech	II	Sup			35.71
6	2018	M.Tech	I	Reg	January 2019	23.03.2019	80.77
7	2015, 2016,	M.Tech	I	Sup			41.67
8	2019	M.Tech	II	Reg	Examinations were conducted 03.11.2020 to 20.11.2020 and assessment is in process.		
9	2015, 2016, 2017, 2018	M.Tech	II	Sup			
10	2019	M.Tech	I	Reg	February' 2020	19.06.2020	79.31
11	2015, 2016,	M.Tech	I	Sup			58.33

M.B.A

S. No	Batch	Prog.	Sem.	Reg /	Conduct of	Declaration	Overall
1	2018	MBA	IV	Reg	September'2020	11.11.2020	97.41
2	2018	MBA	III	Reg	November' 2019	24.01.2020	99.13
3	2018	MBA	II	Reg	July' 2019	17.09.2019	98.29
4	2015,2016, 2017	MBA	II	Sup			93.75
5	2019	MBA	II	Reg	Examinations were conducted 03.11.2020 to 20.11.2020 and assessment is in process.		
6	2015,2016, 2017,2018	MBA	II	Sup			
7	2019	MBA	I	Reg	January' 2020	19.06.2020	98.28
8	2015,2016, 2017,2018	MBA	I	Sup			92.00

Results declared in the year 2019 - 2020

B.Tech. (2016 Batch) – A1 Regulations

VIII Semester Regular Examinations – June 2020 -

S.No	Branch	Appeared	Passed	Failed	Pass%
1	Civil	129	129	0	100.0
2.	EEE	124	124	0	100.0
3.	Mechanical	202	202	0	100.0
4.	ECE	209	209	0	100.0
5.	CSE	183	183	0	100.0
6.	Chemical	66	66	0	100.0
7.	Information Technology	58	58	0	100.0
Total		971	971	0	100.00

- As per curriculum (A1 Regulation), all the branches have only Project work (10 credits) in VIII semester except in Chemical Engineering. The Chemical Engineering has one theory course (3 credits) along with project work.



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- Projects were conducted on online mode (Microsoft Teams) as per the guidelines of JNTUK and theory exam for chemical engineering was conducted on offline mode.

VIII Semester Regular Examinations - September 2020

S.No	Branch	Appeared	Passed	Failed	Pass%
1	CHEM	66	66	0	100.0

VII Semester Regular Examinations - November 2019

S.No	Branch	Appeared	Passed	Failed	Pass%
1	Civil	127	96	31	75.59
2.	EEE	127	89	38	70.08
3.	Mechanical	205	188	17	91.71
4.	ECE	210	161	49	76.67
5.	CSE	181	159	22	87.85
6.	Chemical	65	60	05	92.31
7.	Information Technology	57	48	09	84.21
Total		972	801	171	82.41

VII Semester Supplementary Examinations - 2015 & 2016 admitted batches February 2020

S.No	Branch	Appeared	Passed	Failed	Pass%
1	Civil	30	18	12	60.00
2.	EEE	37	31	06	83.78
3.	Mechanical	19	12	07	63.16
4.	ECE	47	33	14	70.21
5.	CSE	24	13	11	54.17
6.	Chemical	06	03	03	50.00
7.	Information Technology	09	05	04	55.56
Total		172	115	57	66.86

VII Semester Supplementary Examinations - 2015 admitted batch - November 2019

S.No	Branch	Appeared	Passed	Failed	Pass%
1	Civil	1	0	1	0.00
2.	EEE	1	0	1	0.00
3.	Mechanical	1	0	1	0.00
4.	ECE	3	1	2	33.33
5.	CSE	4	2	2	50.00
6.	Chemical	nil	nil	nil	nil
7.	Information Technology	1	0	1	0.00
Total		11	3	8	27.27

B.Tech. (2017 Batch) - A1 Regulations

VI Semester Regular Examinations were conducted from 02.11.2020 to 19.11.2020 and assessment is in process.

V Semester - Regular Examinations - October 2019

S.No	Branch	Appeared	Passed	Failed	Pass %
1	Civil	127	72	55	56.69



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2.	EEE	120	88	32	73.33
3.	Mechanical	197	146	51	74.11
4.	ECE	208	160	48	76.92
5.	CSE	187	147	40	78.61
6.	Chemical	68	53	15	77.94
7.	Information Technology	59	50	09	84.75
Total students appeared		966	716	250	74.12

Supplementary Examinations -2015, 2016 admitted batches-October 2019

S.No	Branch	Appeared	Passed	Failed	Pass %
1	Civil	47	05	42	10.64
2.	EEE	21	15	06	71.43
3.	Mechanical	42	20	22	47.62
4.	ECE	26	04	22	15.38
5.	CSE	21	10	11	47.62
6.	Chemical	07	03	04	42.86
7.	Information Technology	03	01	02	33.33
Total students appeared		167	58	109	34.73

Supplementary Examinations -2015, 2016 & 2017 admitted batches – February 2020

S.No	Branch	Appeared	Passed	Failed	Pass %
1	Civil	87	38	49	43.68
2.	EEE	34	18	16	52.94
3.	Mechanical	70	39	31	55.71
4.	ECE	69	33	36	47.83
5.	CSE	54	18	36	33.33
6.	Chemical	19	08	11	42.11
7.	Information Technology	14	06	08	42.86
Total students appeared		347	160	187	46.11

B.Tech. (2018 Batch) - A1 Regulations

IV Semester Regular Examinations were scheduled to be conducted from 30.11.2020 to 11.12.2020.

III Semester – Regular Examinations- October 2019

S.No	Branch	Appeared	Passed	Failed	Pass %
1	Civil	123	85	38	69.11
2.	EEE	123	75	48	60.98
3.	Mechanical	187	131	56	70.05
4.	ECE	192	125	67	65.10
5.	CSE	192	145	47	75.52
6.	Chemical	62	46	16	74.19



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7.	Information Technology	56	40	16	71.43
Total students appeared		935	647	288	69.20

Supplementary Examinations -2015, 2016, 2017 admitted batches-October 2019

S.No	Branch	Appeared	Passed	Failed	Pass %
1	Civil	38	13	25	34.21
2.	EEE	33	06	27	18.18
3.	Mechanical	44	13	31	29.55
4.	ECE	46	09	37	19.50
5.	CSE	42	15	27	35.71
6.	Chemical	16	04	12	25.00
7.	Information Technology	04	01	03	25.00
Total students appeared		223	61	162	27.35

Supplementary Examinations -2015, 2016, 2017 & 2018 admitted batches – February 2020

S.No	Branch	Appeared	Passed	Failed	Pass %
1	Civil	71	23	48	32.39
2.	EEE	86	16	70	18.60
3.	Mechanical	94	30	64	31.91
4.	ECE	114	49	65	42.98
5.	CSE	75	35	40	46.67
6.	Chemical	32	10	22	31.25
7.	Information Technology	26	12	14	46.15
Total students appeared		498	175	323	35.14

B.Tech. (2019 Batch) – A2 Regulations

II Semester Regular Examinations were scheduled to be conducted from 21.12.2020 onwards.

I Semester – Regular Examinations– January 2020

S.No	Branch	Appeared	Passed	Failed	Pass %
1	Civil	102	55	47	53.92
2.	EEE	105	77	28	73.33
3.	Mechanical	167	127	40	76.05
4.	ECE	191	156	35	81.68
5.	CSE	190	165	25	86.84
6.	Chemical	52	30	22	57.69
7.	Information Technology	63	51	12	80.95
Total students appeared		870	661	209	75.98



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Supplementary Examinations -2015, 2016, 2017& 2018 admitted batches– January 2020 - A1 Regulations

S.No	Branch	Appeared	Passed	Failed	Pass %
1	Civil	61	06	55	9.84
2.	EEE	27	08	19	29.63
3.	Mechanical	46	09	37	19.57
4.	ECE	33	09	24	27.27
5.	CSE	57	12	45	21.05
6.	Chemical	24	04	20	16.67
7.	Information Technology	23	04	19	17.39
Total students appeared		271	52	219	19.19

Results declared in the year 2019 – 2020 (PG – M.Tech)

M.Tech

M. Tech. (2017 Batch)	
IV Semester	72.3
M. Tech. (2018 Batch)	
I Semester	80.77
II Semester	84.62
III Semester	100.00
IV Semester	Project work viva-voce are scheduled to be conducted in November / December 2020.
M. Tech (2019 Batch)	
I Semester	79.31
II Semester	Examinations were conducted and assessment is under process

2017 admitted batch

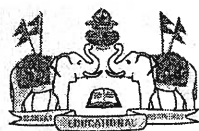
Academic performance - IV Semester

S.No	Specialization	Strength	Passed	Pass %
1.	Structural Engineering	15	11	73.33
2.	Power systems	06	03	50.00
3.	Product Design and Manufacturing	13	09	69.23
4.	Communication Systems	05	05	100
5.	VLSI	05	05	100
6.	CNIS	03	01	33.33
TOTAL		47	34	72.3



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Project Viva- voce work details: -

S.No	Specialization	Appeared	Passed	Failed	Pass %	Phase	Month Year
1	Communication Systems	05	05	00	100.00	I	July 2019
2	VLSI	05	05	00	100.00		
3	CNIS	01	01	00	100.00		
4	Product Design and Manufacturing	06	06	00	100.00	II	Aug 2019
5	Structural Engineering	07	07	00	100.00	III	Sep / Oct 2019
6	Power systems	03	03	00	100.00		
7	Product Design and Manufacturing	03	03	00	100.00		
8	Structural Engineering	04	04	00	100.00	IV	Oct 2019
ALL		34	34	0	100.00		

M.Tech (2018 batch) – Regular IV Semester: The Project work viva-voce are scheduled to be conducted in November / December 2020.- **A1 Regulations**

M. Tech. (2018 Batch) – Regular III Semester – December 2019 - A1 Regulations

S.No	Specialization	Appeared	Passed	Failed	Pass %
1.	Structural Engineering	17	17	00	100.00
2.	Power systems	05	05	00	100.00
3.	Product Design and Manufacturing	13	13	00	100.00
4.	VLSI	12	12	00	100.00
5.	CNIS	04	04	00	100.00
TOTAL		51	51	00	100.00

M. Tech. (2018 Batch) – Regular II Semester – July 2019 - A1 Regulations

S.No	Specialization	Appeared	Passed	Failed	Pass %
1.	Structural Engineering	17	12	05	70.59
2.	Power systems	06	03	03	50.00
3.	Product Design and Manufacturing	13	13	00	100.00
4.	VLSI	12	12	00	100.00
5.	CNIS	04	04	00	100.00
TOTAL		52	44	8	84.62

M. Tech. (2015, 2016, 2017admitted batches) –Supplementary – July 2019 - A1 Regulations

S.No	Specialization	Appeared	Passed	Failed	Pass %
1.	Structural Engineering	05	01	04	20.00
2.	Power systems	02	00	02	00
3.	Machine Design	02	00	02	00
4.	Product Design and Manufacturing	03	02	01	66.67
5.	CSE	01	01	00	100.00
6.	CNIS	01	01	00	100.00
TOTAL		14	5	9	35.71



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M.Tech 2018 admitted Batch – Regular I Semester – January 2019 - A1 Regulations

S.No	Specialization	Appeared	Passed	Failed	Pass %
1.	Structural Engineering	17	13	04	76.47
2.	Power systems	06	02	04	33.33
3.	Product Design and Manufacturing	13	13	00	100.00
4.	VLSI	12	10	02	83.33
5.	CNIS	04	04	00	100.00
TOTAL		52	42	10	80.77

M. Tech. (2015, 2016, 2017 Batches) –Supplementary – January 2019 - A1 Regulations

S.No	Specialization	Appeared	Passed	Failed	Pass %
1.	Structural Engineering	1	0	1	0
2.	Power systems	5	2	3	40.00
3.	Machine Design	3	1	2	33.33
4.	VLSI	1	1	0	100.00
5.	CNIS	2	1	1	50.00
TOTAL		12	5	7	41.67

M. Tech. (2019 Batch) – A2 Regulations

II Semester Regular Examinations were conducted 03.11.2020 to 20.11.2020 and assessment is in process.

M. Tech. (2019 Batch) – Regular I Semester – February' 2020

S.No	Specialization	Appeared	Passed	Failed	Pass %
1.	Structural Engineering	08	05	03	62.50
2.	Power systems	03	03	00	100.00
3.	Product Design and Manufacturing	09	09	00	100.00
4.	VLSI	04	04	00	100.00
5.	CNIS	05	02	03	40.00
TOTAL		29	23	6	79.31

M. Tech. (2015, 2016, 2017, 2018 Batches) –Supplementary – February' 2020 – A1

S.No	Specialization	Appeared	Passed	Failed	Pass %
1.	Structural Engineering	05	04	01	80.00
2.	Power systems	04	01	03	25.00
3.	VLSI	02	02	00	100.00
4.	CNIS	01	00	01	00
TOTAL		12	7	5	58.33

Results declared in the year 2019 – 2020 (PG - MBA)

MBA (2018 Batch)	
I Semester	76.07
II Semester	98.29



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III Semester	99.13
IV Semester	97.41
MBA (2019 Batch)	
I Semester	98.28
II Semester	Examinations were conducted and assessment is under process

MBA (2018 Batch) - A1 Regulations

S. No	Batch	Semester	Reg / Sup.	Month- Year	Appeared	Passed	Failed	Pass %
1	2018	IV	Reg	September'2020	116	113	03	97.41
2	2018	III	Reg	November' 2019	115	114	01	99.13
3	2018	II	Reg	July' 2019	117	115	02	98.29
4	2017		Sup		16	15	01	93.75

MBA (2019 Batch) – A2 Regulations

II Semester Regular Examinations were conducted 03.11.2020 to 20.11.2020 and assessment is in process.

S. No	Batch	Semester	Reg / Sup.	Month- Year	Appeared	Passed	Failed	Pass %
1	2019	I	Reg	January' 2020	116	114	02	98.28
2	2015,2016, 2017,2018		Sup		25	23	02	92.00

Dr. R.Srinivasa Rao, Director – Academics & Planning, JNTUK has suggested to review the percentage of Distinctions and First classes of 2016-20 Batch passed out students.

The following is the results analysis compared to the last batch graduated under JNTUK (2014-18 batch).

Overall pass percentage:

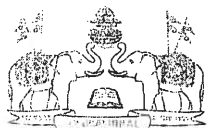
S.No.	Batch	Appeared strength	No. of students Awarded	Overall pass %
1	2014-18 (JNTUK)	1016	858	84.45
2	2015-19 (Autonomous)	971	841	86.61
3	2016-20 (Autonomous)	972	793	81.58

Overall pass percentage when analysed appears to show no significant change when compared to the last batch that graduated under JNTUK (2014-18 batch)



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Percentage of distinctions:

S.No.	Batch	Appeared strength	No. of Distinctions	%age of Distinctions
1	2014-18 (JNTUK)	1016	471	46.35
2	2015-19 (Autonomous)	971	606	62.4
3	2016-20 (Autonomous)	972	557	57.30

When compared with performance under JNTUK, the percentage increase in distinctions is in the range of 10-15%. This improvement requires deeper study for understanding comprehensively the reasons. However a preliminary analysis leads to the following observations:

1. Post Autonomy, the faculty understanding of syllabus , curriculum design underwent a beneficial shift and its synergy in teaching learning practices, setting of question papers, assessment and evaluation. We understand this positive synergy developed in the background of outcome based education (OBE) interventions together, it appears contributing to improving the student attainment by about 10%.
2. Grade point system introduced after becoming autonomous might also has contributed to this marginal improvement in performance indices.
3. Increase in component of continuous assessment might have also marginally impacted the unpredictability in performances otherwise associated with rote learning largely attributed to high levels of semester/year end assessment.

Results declared for all programs (B.Tech, M.Tech & MBA) since July 2019 were reviewed and ratified.

6-AC-11: STUDENT PERFORMANCE (CO-CURRICULAR & EXTRA- CURRICULAR)

Certification Programs

In addition to training on curriculum, the Institution encourages the students to actively engage in activities for skill development, learning new tools etc., About 1722 students from various departments underwent training leading to certification by collaborating industry partners.



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Civil : 22

Name of the certification program	No of students
EPANET	22
GIS(IIRS)	60

EEE : 312

Name of the certification program	No of students
Embedded Systems	252
Student Solar Ambassadors by IIT Mumbai	61

Mech: 1008

Name of the certification program	No of students
APSSDC-Welding	215
APSSDC-SOLID EDGE	215
APSSDC-Auto Two Wheeler	215
APSSDC-CAE	74
APSSDC-CNC	74
APSSDC-Welding	215

ECE : 30

Name of the certification program	No of students
Internet of Things	30

CSE & IT : 459

Name of the certification program	No of students
CISCO - Programming Essentials in C	161
CISCO - Programming Essentials in C++	27
CISCO - Programming Essentials in Python	90
CISCO - Linux Essentials	54
CISCO - IoT Connecting Things	19
CCNA R&S	98
CCNA Cyber Operations	10

- Nadupuru Pavan Kumar & Tulluri Venkata Ramana of B. Tech. CSE, got 2nd Prize in **AP Code Champs** Organized by AP State Government during 25,26th Feb'2019

With a view to give student comprehensive and enhanced learning experience and also as a part of finishing school, students are encouraged to take active part in industry internships. During the academic year 2019-20, 989 students have participated.



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Number of Student Internships: 989

- Also, 148 technical paper presentations were made by the students in various competitions during the AY 2019-20
- The Institution has invited experts from industry to deliver guest lectures and seminars. During the AY 2018-19, 28 such programs were conducted.

Student participation in MOOCs: 326

MOOC's Toppers List : 2019-20:

S.No	Name of the Faculty	Subject	Standing
1	Dantuluri Roshini	Chemical Reaction Engineering I	Topper of 1% in this course
2	Poduru Sai Leela	The Joy of Computing using Python	Topper of 1% in this course
3	P E S S Raju	The Joy of Computing using Python	Topper of 1% in this course
4	Kazi Fariadul Islam	The Joy of Computing using Python	Topper of 1% in this course
5	Vadrevu Venkata Sathya Pramila	The Joy of Computing using Python	Topper of 1% in this course
6	Peddada Alekhyia	The Joy of Computing using Python	Topper of 2% in this course
7	Madipalli Surya Vamsi	The Joy of Computing using Python	Topper of 2% in this course
8	Boddepalli Karthik Kumar	Leadership	Topper of 5% in this course
9	Nedunuri Jagadeswara Rao	Fluid Mechanics	Topper of 5% in this course
10	Venkata Sai Pavan Madabathula	Ethical Hacking	Topper of 5% in this course
11	B Hemani	The Joy of Computing using Python	Topper of 5% in this course
12	Duggineni Srujana	Developing Soft Skills and	Topper of 5% in this course
13	Varanasi Shanmukha Sai Simhadri	Strength of Materials	Topper of 5% in this course
14	Naralasetty Manish Kumar	The Joy of Computing using Python	Topper of 5% in this course
15	Kusuma Patnaik Murahari	Developing Soft Skills and	Topper of 5% in this course
16	Meghana Pusapati	The Joy of Computing using Python	Topper of 5% in this course
17	Goda Pallavi	The Joy of Computing using Python	Topper of 5% in this course
18	Vetcha Padmini	The Joy of Computing using Python	Topper of 5% in this course
19	Yaswanth Nag Seela	The Joy of Computing using Python	Topper of 5% in this course
20	Godaba Prasanna Sravya	The Joy of Computing using Python	Topper of 5% in this course
21	Susmitha Gorajana	The Joy of Computing using Python	Topper of 5% in this course
22	Ravi Namrata Srilekha	The Joy of Computing using Python	Topper of 5% in this course
23	Buridi Sravya	The Joy of Computing using Python	Topper of 5% in this course
24	Kutcharlapati Nikhitha	The Joy of Computing using Python	Topper of 5% in this course
25	Varanasi Shanmukha Sai Simhadri	Concepts of Thermodynamics	Topper of 5% in this course
26	Hejeebu Venkata Sailatha	The Joy of Computing using Python	Topper of 5% in this course
27	Yajjala Appalaswamy	Engineering Metrology	Topper of 5% in this course



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Incubation / Innovation club activities

SL	Title of Proposal	Student Details	Amount (Rs.)
1	IOT based smart safety & security system for automobiles	S.Santosh - 4th year Mechanical	16,000
2	Smart badge using IOT, Help Her	Chikkala Lokesh, 17331A1212, IT-III	10,000
3	Help- Her App	Chikkala Lokesh, 17331A1212, IT-III	5,000
4	Pollution Free Engine	Bhupesh Pydiraju. Y, 18331A0806, Chemical Engineering, II/IV	12,400
5	Dip and Drink	G V Lokesh, 17331A0810, Chemical Engineering, III/IV	8,000
6	A Low Cost CPU for under-privileged schools	Datla Anjali, 16331A0540, CSE IV/IV	4,000
7	Installation of Freedom Box in Villages	Lakshmi Sai Supraja Golthi, 16331A0592, CSE IV/IV	5,000
8	Improvisation of Efficiency of Bio Gas Plant	P Nikitha Sree, 17335A0325, ME, IV/IV	10,000
9	Wireless Notice Board	V. Hemanth, 18335A0432, ECE III/IV	33,000
10	Developing Non Invasive Device to estimate Hemoglobin Concentration based on Digital Images	Ch. B. S. Sivani, 16331A0528, CSE, IV/IV	12,767
11	Application for Designing, Estimating	V Kishore Sai, 4 th yr Civil.	18,645
12	Hexapod AI Bot	Ricky Richardson, ECE, IV/IV	47,376
13	Automatic Switching of Single Motor and Multiple tanks	Rohit Varma, ECE, III/IV	21,800
Total			2,03,988

Institutional Sponsored Student projects National level competitions

S.No	Name of the Team	Vehicle	Sponsored amount in Rs.	Organized By	Position	Awards
1	TEAM INVINCIBLE	Design, Analysys and Fabrication of All Terrain Vehicle (ATV)	3,50,000	"BAJA SAE INDIA 2019"-IIT Ropar	42 /88	--
2	TEAM Aadhya	Design, analysis and fabrication of Go Kart	1,05,000	Society of Innovative Minds(SIM India) Pro Karting Championship-2019	6/35	Best Business Plan Award



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Extra - Curricular Activities

Sports Facilities

Gym in the premises of college
Separate Gym for Boys and Girls Hostels
Ground with Pavilion
Volley Ball Court
KhoKho Court
Shuttle Court

List of students - represented JNTUK – 2019-20:

S.No	Name of the Student	Game	Year/ Branch
1	Mr.A.Rambabu	Kho-Kho	I/IV ECE
2	Mr.M.Lokesh Kumar	Chess	IV/IV EEE
3	Ms.R.Deena Ratnam	Chess	II/IV ECE
4	Mr.R.Kiran Kumar	Basket Ball	IV/IV Mech
5	Ms.P.Reema Kiran	Basket Ball	II/IV Mech
6	Mr.M.Anish Kumar	Foot Ball	III/IV Mech
7	Mr.M.Satya Sai	Foot Ball	I/IV Mech
8	Mr.T.Samuel	Volley Ball	IV/IV CIVIL
9	Mr.Ch.Reshma	Volley Ball	IV/IV CSE
10	Mr.K.Bharathi	Volley Ball	III/IV EEE
11	Mr.Shaik Nazeer	Karate	III/IV Mech
12	Mr.T.Saketh	Best Physique	IV/IV CSE
13	Mr.D.Sakesh Varma	Kick Boxing	II/IV CIVIL
14	Ms.B.V.S.Navya Sree	Rifle Shooting	I/IV EEE

- MVGR stood Runners in Basket Ball, JNTUK A'Zone Inter University Tournament
- MVGR women Volley Ball Team stood Runners in JNTUK Central Zone (Women) Tournament
- MVGR women Chess Team stood 3rd place in JNTUK Central Zone (Women) Tournament
- Shaik Nazeer(Mech 3/4) 17331A03G2 -60kgs. Above 18Years Category -GOLD Medal - National Karate Champion Ship held in Madhya Pradesh , September 21 &22 2019
- Mr. T. Saketh - JNTUK Inter Collegiate gold medal overall 1st place for body building championship

NCC

- NCC Unit – 100, 'B' Certificate - 17; 'C' Certificate - 38; 1st year 45;
- Mr. G. Harshvardhan ECE IV / IV , Mr. G. Tarun III / IV Mech. - Best Cadets

NSS

- MVGR "Bala Swechha" is recognized as best project at national level under UBA by MHRD & IIT-Delhi
- 15 Programmes 120 Volunteers enrolled; K.SAI CHAKRAPANI, 3/4 Chemical, N.SUCHARITA, 3/4 CSE, P.RAMMADHU, 3/4 ECE– Best Volunteers
- For the academic year – 800 Units of Blood donated



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- **Best Blood Donation Camp** - District level award - by **Red Cross Society**
- **Best Blood Donation Camp** - District level award - by **Rotary Club**
- **Best Blood Donation Camp** - District level award - by **Lions Club**
- **Adopted Villages:** Chintalavasala & Raghumanda – actively participated in empowerment programs and also supported and conducted plantation program **Raghumanda School**
- Facilitated **Skill Development Training** to around **30 unemployed village youth**

The Co-curricular & Extracurricular activities of students were reviewed and recorded.

6-AC-12: AWARDS / SCHOLARSHIPS/ SPONSORSHIPS

All the meritorious candidates securing top ranks in their respective classes are awarded academic awards :

1. An amount of Rs.35,000/- cash award for I ranker from each class
2. An amount of Rs.23,333/- cash award for II ranker from each class
3. An amount of Rs.11,667/- cash award for III ranker from each class

Amounts given as cash awards for the academic year 2018-19:

S.No	Program & Year	Number of Students	Amount (Rs.)
1	I B.Tech	17	3,96,666
2	II B.Tech	16	3,96,666
3	III B.Tech	15	3,96,666
4	IV B.Tech	14	1,13,156
5	M.Tech	6	60,000
6	MBA	2	45,000
Total		70	14,08,154

Medals Instituted:

S.No	Institutional Medal	Dept.
1	Dr. P. Anand Gajapathi Raju Memorial Gold Medal	Overall topper
2	Maharaj Anand Gajapathi Raj Memorial Gold Medal	CHEM
3	Dr. PVG Raju Memorial Gold medal	CIVIL
4	Maharaj Alaknarayan Gajapathi Raj Memorial Gold Medal	CSE
5	Maharani Vidyavati Devi Memorial Gold Medal	ECE
6	Maharani Urmila Devi Appalakondayamba Memorial Gold Medal	EEE
7	Maharani Lalitha Kumari Devi Memorial Gold Medal	IT
8	Maharaj Vijayram Gajapathi Raj Memorial Gold Medal	MECH
9	Rajkumari Sucharitha Gajapathi Raju Memorial Gold Medal	MBA
10	Maharaj Narayana Gajapathi Memorial Gold Medal	MCA
Sponsored Medals		
11	K.Vani Manasa Memorial Medal	CSE
12	Prof B Harinarayana Rao Memorial Medal	EEE



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13	Prof. G J V J Raju Foundation Medal	CHEM
14	Gumpina Praneeth Kumar Memorial Medal	IT

S A ANUSHA of Chemical Engineering bagged University Gold Medal by JNTUK

PRATHIBHA AWARDEES

B.Tech.

Sl.No.	Name of the Student	Branch
1	Kotakala Sai Saranya	CIVIL
2	Kundangi Haritha	CIVIL
3	Sivvala Ravi Teja	EEE
4	Koneti Bhashini	EEE
5	Mandala Charan Kumar	MECHANICAL
6	Gangarapu Swaroop Raj	MECHANICAL
7	Janni Gayathri	ECE
8	Voolla Mydhili	CSE
9	Adireddy Vasantha Vani	CHEMICAL
10	Rachuri Kameswari Anuradha	CHEMICAL

M.Tech.

Sl.No	Name of the Student	Branch
1	Shaik Lal Mohiddin	SE
2	Kodigudla Deepthi	VLSI
3	Palepu Sneha Sri	VLSI
4	Boddu Jyothsna	CS

Reviewed and recorded

6-AC-13: TRAINING & PLACEMENTS

PLACEMENTS (2019-20) -602

S.No	Name of the Company	Students Placed	S.No	Name of the Company	Students Placed	S.No	Name of the Company	Students Placed
1	Infosys	46	28	Wipro	14	55	Avantel (Internship)	15
2	EPAM	0	29	Glenwood Systems	3	56	BSCPL	0
3	DeltaX	1	30	Sriram Group	36	57	Divis Labs	12
4	TCS CodeVita	8	31	Efftronics	3	58	ITZ My Choice	15
5	TCS Digital	1	32	Tek Systems	0	59	CDK Global	0
6	Value Labs	4	33	Cape Electric	2	60	GOGREEN BOV	0
7	Nineleaps	7	34	Aptroid	1	61	Sonata Software	0
8	Riktam Technologies	1	35	WinWire Technologies	1	62	Avature	0



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9	SopraSteria	5	36	Cigniti Technologies	0	63	Amphisoft	0
10	Jaro Education	0	37	IBM	3	64	Ebox	0
11	Hyundai Mobis	5	38	CGI Global	0	65	Syntel Atos	0
12	UTS	3	39	Mindtree	1	66	Verizon	0
13	CtrlS	21	40	FACE	23	67	Cyber Media	0
14	UX Reactor	1	41	HCL	35	68	GlobalEdge Software	0
15	TCS NQT	113	42	Tilicho Labs	1	69	MONOCEPT	0
16	TechnipFMC	3	43	Keyence India	0	70	MISTEY	0
17	VEM Technologies	3	44	Deccan Fine Chemicals	4	71	WEST AGILE LABS	0
18	Capgemini	91	45	Everglades	4	72	REPLICON	0
19	Cognizant Technologies	47	46	Salesforce	2	73	METRICSTREAM	0
20	Uncease Automation	2	47	TechMahindra	6	74	COLORTOKENS	0
21	Madhus Garage Equipment	6	48	IMEG	5	75	Windmüller & Hölscher India	0
22	MedhaServo	1	49	HR Square	6	76	ENH isecure	0
23	Amazon	1	50	CISCO	4	77	Toppr	1
24	Darwinbox	0	51	Quartzkraft	3	78	Hyundai Motors	0
25	Extramarks Education	20	52	KI Conequip Engg	1	79	SNGET	1
26	MAQ Software	0	53	Sunera Tech	1	80	OMICS International	1
27	Trianz	6	54	A-I Fence Products	2	Total Placed		602

Total Companies Visited : 80

Core Companies : 22

IT Companies : 58

Training Programs conducted by Training & Placement Cell

S. No	Training Program	Provider	Target Group	No of Students
1	Corporate Recruitment Training (CRT)	FACE	Final year B.Tech Students	888
2	Corporate Recruitment Training (Coding)	COIGN	Final year B.Tech students	888
3	Capgemini Company Specific Training	Talentio	Final year B. Tech Students	377
4	Company Specific Training for Infosys	Talentio	Final year B.Tech students	105
5	Company Specific Training for Wipro	Talentio	Final year B.Tech students	64
6	Coding Training	COIGN	Third year B.Tech Students	783
7	Company Specific Training for TCS	Conduira	Third year B.Tech Students	542

No. of students qualified in GATE 2020 : 33

Reviewed and recorded.



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6-AC-14: INDUCTION OF NEW PROGRAMS / ADDITIONAL INTAKE / CLOSURE FOR THE AY 2019-20

Additional intake in B.Tech. IT for the AY 2020-21

Programmes	Existing Intake	Additional intake	Total intake
B. Tech.	60	60	120

Recorded.

6-AC-15: CORRESPONDENCE RECEIVED FROM NBA/JNTUK/AICTE/UGC/APSCH

NBA:

- NBA Civil – File No: 11-84-2010-NBA, dated 06.03.2019 – Submission of processing fee
- NBA Civil – File No: 11-84-2010-NBA, dated 24.01.2019 – Visit of Expert Team DD
- NBA MBA – File No: 11-84-2010-NBA, dated 25.03.2019 – Accreditation status of MBA
- NBA Civil-Acknowledgement of Visit dates for application 3484-2/5/2019, dated.02.05.2019
- NBA Civil-Visit Confirmation mail for application no. 3484-30/01/2019, dated.09.05.2019
- NBA Civil – File No: 11-84-2010-NBA, dated 29.05.2019 – Visit of Expert Team
- NBA CHEM-Accreditation status of program applied, dated.01.08.2019
- NBA CHEM-Status of prequalifier submitted to NBA for Accreditation of Application no. 4319-08/11/2019, dated 23.11.2019
- NBA CHEM-Acknowledgement of Accreditation Fee, dated 23.11.2019
- NBA CHEM-Acknowledgement of Accreditation Fee (Second phase)-22.01.2020
- NBA CHEM-Acknowledgement of Visit dates for application 4319-25/1/2020, dated 25.01.2020

NAAC

- NAAC- NAAC/LP/A&A-RAF-AU/2019, dated. 04.02.2019-Extension of validity period
- NAAC/DO/LP/A&A-RAF-AU/2019, dated. 18.02.2019-Extension of validity period
- NAAC/WH/Cert-AU/EC-82/040/2019/, dated. 12.04.2019-CCertificate

AICTE

- AICTE EoA-F.No. South-Central/1-4267219259/2019/EOA, dated. 25-Apr-2019
- AICTE / AB/WR/EAT/2019-20 – Dated: 30-12.2019
- AICTE Social Media Communique-F.No. AICTE/VCM-CORRES/2020, dated 10.01.2020
- AICTE NOC-F.NO.4-6/AICTE-SCRO/FDR/NOC/2020/1-19574481/812, dated 06.02.2020
- AICTE-Conversion of PGDM Course into MBA Course-N.NWRO/AICTE/APH/2020-21, dated 10.02.2020
- AICTE-Fit India Movement in HEIs-F.No.1-104/AICTE/MHRD/FIT/2020, dated 13.02.2020



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UGC

- UGC-National Workshop on Autonomy to Colleges-No.F.1- 143/2018 (Autonomous / UGC-SERO), dated 21.01.2019

JNTUK

- 07/01/2019 JNTUK - Examination Branch - Circular - Submission of Orthopedically Handicapped & Visually Challenged students details along with proofs - Reg.
- 27/02/2019 JNTUK - Examination Branch - Circular - Charges for cancellation of Marks Memo/PC/CMM in Adjustment of marks/Grace marks - Reg.
- 21/09/2019 JNTUK – Academic Planning- Approval to consider the best performance in a subject for 0.15% Adjustment of marks for the change of status from fail to pass
- 19/06/2020 Proc. No. JNTUK Acade. Sch/2020 – Academic Scheduling and Mode of Conducting UG/PG Online Project Viva-Voce Examinations.
- 20/06/2020 Lr. No. JNTUK/DE.UG&PG Project Viva-Voce / Guidelines / 2020 – Guidelines for conduct of UG/PG Project Viva-Voce Examinations Online.
- 29/08/2020 Prod. No. JNTUK /DAP /Promotion Policy / 2019-20 – Promotional policy for all the students of UG & PG to the next academic year 2020-21 without credits requirement.
- 07/09/2020 Lr. No. JNTUK /CE/ SoP and Guidelines /2020 – Procedures to be followed while conducting University Examinations.
- 31/10/2020 Lr. No. DAP/Classwork / 2020 – Commencement of classwork from 02/11/2020 – Guidelines and SoPs.
- 03/11/2020 Proc. No. B1/Autonomous Colleges – Examinations, result declaration , Issue of Certificates /2020 – Examinations evaluation , Result declaration , Issue of Certificates and other issues related to Autonomous Colleges.

Reviewed and recorded

6-AC-16: REVISED ACADEMIC REGULATION OF B.TECH, M.TECH & MBA - AY 2019-20

a. Conduct of Internal examinations (Theory courses) for intermediate and terminal

Semesters (B.Tech., M.Tech. & MBA)

The Institution was closed on 18-03-20 due to Covid-19 pandemic. Before the pandemic, Mid 1 examinations were conducted for B.Tech IV , VI Semesters, MBA IV Semester. Mid 2 examinations (offline) were not conducted.



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The Modes of exam suggested by UGC are descriptive (online/offline) or Objective type (MCQs) or Open book examination

It was proposed to conduct open book exam (Mid 2) as per the guide lines of UGC and the same was communicated to the JNTUK. (SoP)

It is resolved to conduct open book exam (Mid - 2)for B.Tech IV , VI Semesters, MBA IV Semester for the current semester only.

B.Tech II Semester both internal examinations (Mid 1 & Mid 2) were conducted in online quiz pattern (SoP)(in place of descriptive test) after intimating to JNTUK.

It was proposed to conduct two online quiz examinations in place of Mid 1 & Mid 2.

It is resolved to conduct quiz examinations in place of Mid - 1 & Mid -2 for B.Tech II Semester.

b. Proposed evaluation pattern – common to all branches of B.Tech. III / IV Semester

I. Existing evaluation pattern for all theory courses

Internal Assessment: 40 Marks

Subjective tests - 20 Marks

Objective tests - 10 Marks

Assignments - 10 Marks

External Assessment: 60 Marks

External examination is for 60 marks (180 min). Question paper contains 10 questions (2 questions from each unit) and each question carries 12 marks. Student shall answer 5 questions (1 question from each unit).

II Design Thinking and Product Innovation - Proposed evaluation pattern

Internal Assessment: 40 Marks

Project based learning - 20 Marks

Objective tests / Assignments - 20 Marks

External Assessment: 60 Marks



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Question paper contains 4 questions ($4 \times 10 = 40$ Marks) with internal choice from first IV units and case study (20 Marks) from V unit. Student shall answer all 4 questions and case study.

III Internet of Things (IoT) - Proposed evaluation pattern

Internal Assessment: 40 Marks

Subjective Test - 20 Marks

Project based learning - 20 Marks

External Assessment: 60 Marks

External examination is for 60 marks (180 min). Question paper contains 10 questions (2 questions from each unit) and each question carries 12 marks. Student shall answer 5 questions (1 question from each unit).

The evaluation pattern (Internal & External) for the subjects Design Thinking and Product Innovation and IoT were reviewed and ratified.

c. Conduct of Semester End laboratory examinations / Spot valuation - B.Tech, M.Tech and MBA

On account of COVID – 19 pandemic

It is resolved

- To appoint only faculty of the Institution as External Examiners / Valuers from the panel submitted by BOS Chairmen.
 - * Specific to the current semester of Examinations.

It is resolved to appoint faculty of the Institution as External Examiners / Valuers from the panel submitted by BOS Chairmen for the current semester only.

Promotion Policy for all the students of UG & PG to the next academic year 2020-21.

As per the guidelines circulated by JNTUK, the students (UG & PG) are promoted to next academic year (2020-21) only without credit requirements.



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6-AC-17: BOS MINUTES

BOS minutes of the departments of Civil, EEE, Mechanical, ECE, CSE, CHEM, IT, MBA, Mathematics, Physics, Chemistry and English were reviewed, recorded and ratified.


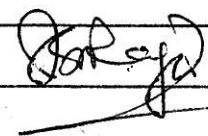
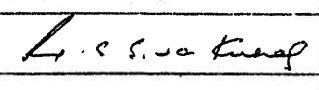
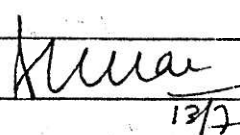

(Dr. Y M C Sekhar)
Member Secretary


(Dr. K V L Raju)
Chairman

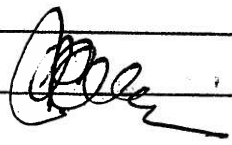
DT: 13/07/2019

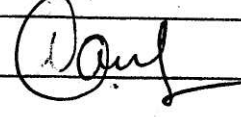
Maharaja Vignanam Graduate Institute - RAJ College of Engineering (A),
Vizianagaram, 5th Academic Council meeting held in the
Institution Premises on 13/07/2019 at - 11.00 A.M.

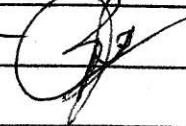
Members Present:-


- (1) DR. K.V.L. RAJU - chairman - 
Principal & Correspondent
- (2) DR. A. Mallikarjuna Prasad - member -
DAP, INTUK.
- (3) DR. R. Srinivasa Rao - member -
DE, INTUK.
- (4) DR. I.S.N. RAJU - member - 
Senior Project Manager
Centre for Sustainable Development Goals
AP HRD Institute, Rajahmundry, A.P.
Former chief Engineer, I&CAD
- (5) DR. G.S. Shriv Kumar CEO - member - 
Mapple Software Pvt. Ltd, VSP.
- (6) DR. A. Sriniketh Kumar - member - 
Associate Director, NSTL, VSP.
- (7) A. Mahan Fernando - member -
Head - HR Mobilization cell (HRMC)
L&S Cultivation Centre, Chennai-89

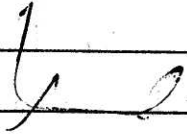
(8) Mr. Revathi Kalluri, CEO - Member -
Laksh B Skills Academy Ltd
Bangalore

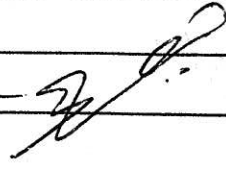
(9) Dr. Ch. Jannachandra Rao - Member - 
Dean - AEE and HOD - Maths

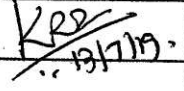
(10) Dr. P. Ravindranath - Member - 
Dean - SP.

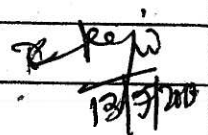
(11) Dr. R. Ramesh - Member - 
Dean - P&D

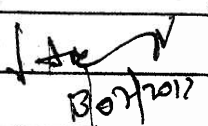
(12) Dr. M. Sunil Kumar - Member - 
Dean - T&P and HOD (CEE)

(13) Dr. T.V.N. Ravi Sathish - Member - 
Dean (Exous) and HOD - Chem

(14) Mr. S. Mohan Kumar - Member - 
Dean (Students) and HOD - English

(15) Dr. K. Lakshminarayana Rao - Member - 
Dean - CI

(16) Dr. D.R. Balakrishna Rao - Member - 
Dean - PD

(17) Dr. S. Adinarayana - Member - 
HOD - Mech.

(18) Dr. V. N. Raghava
HOD - IT

- Member - Impor

(19) Dr. K. S. S. Ramesh Reddy
HOD - MBA

- Member - Academy

(20) Dr. Sankar Kumar Saha
HOD - EEE

- Member - Academy

(21) Dr. C. Kalyanachandran Reddy
HOD - CSE

- Member - CH Channarayana

(22) Dr. J. M. R. Reddy
HOD - Civil

- Member - Academy

(23) Dr. Ch. V. Subba Rao
HOD - Chemical

- Member - Academy

(24) Dr. G. Srinivas Reddy
HOD - Physics

- Member - Academy

(25) Dr. Y. H. C. Sekhar
Vice - Principal (Academic)

- Member }
Secretary } - CPWSU

13/7/19

20/7/20
13/3/20

07/10/17



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Minutes of meeting of Academic Council

A Meeting of the Academic Council is held on 13.07.2019 at 11.00 AM at Conference hall, Admin. Block.

The following were present:

- | | |
|---|----------|
| 1. Dr. K. V. L. Raju
Principal | Chairman |
| 2. Dr. A.M.Prasad
Director – Academics & Planning, JNTUK, Kakinada | Member |
| 3. Dr. R.Srinivasa Rao
Director of Evaluation, JNTUK, Kakinada | Member |
| 4. Mr. A. Mohan Fernando
Head - HR Mobilization Cell (HRMC), Corporate Centre
L & T Construction, CRR Centre, Third Floor, Chennai. | Member |
| 5. Dr. I. S. N. Raju
Chairman – Elect
The Institution of Engineers (India), A.P. State Centre | Member |
| 6. Mr. G. S. Shiv Kumar
CEO, Maple Software Pvt. Ltd, Visakhapatnam | Member |
| 7. Dr. A. Srinivasa Kumar
Associate Director, NSTL, Visakhapatnam | Member |
| 8. Miss. Revathi Kasturi
CEO, Laqsh Job skills Academy Ltd, Bangalore | Member |
| 9. Dr. Ch. Purnachandra Rao
Dean – A&E | Member |
| 10. Dr. R. Ramesh
Dean – R & D | Member |
| 11. Dr. P. Ravindranath
Dean – Strategic Planning | Member |
| 12. Dr. D. R. Prasada Raju
Dean – Faculty Development | Member |
| 13. Dr. M.Sunil Prakash
Dean – Training & Placement | Member |
| 14. Dr. T. V. N. Partha Sarathi
Dean – Examinations | Member |
| 15. S. Mohan Kumar
Dean – Students | Member |



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16. Dr. K.Rajeswara Rao Dean - CI	Member
17. Dr. S. Adinarayana HOD – Mechanical	Member
18. Dr. K. S. S. Rama Raju HOD – MBA	Member
19. Dr. R. Ramana Reddy HOD – ECE	Member
20. Dr. V. Nagesh HOD – IT	Member
21. Dr.C.Kalyan Chakravarthy HOD – CSE	Member
22. Dr. Sarat Kumar Sahu HOD – EEE	Member
23. Dr. P.Markandeya Raju HOD – Civil	Member
24. Dr. Ch. V. Subba Rao HOD – Chemical	Member
25. Dr. G.Srinivasa Reddy HOD – Physics	Member
26. Dr. Y. M. C. Sekhar Vice-Principal (Academics)	Member Secretary

Dr. K V L Raju, Chairman (AC) and Principal chaired the meeting and welcomed all the members to the fifth Academic Council meeting of MVGR College of Engineering (A) after conferment of Autonomous status.

The following agenda was taken up for discussion:

1. Compliance to minutes of the last academic council meeting
2. Accreditations and status of current academic programs
3. New labs/ Infrastructure Developed
4. Building Infrastructure
5. Human resources
6. Learning resources
7. FDP's conducted /to be conducted/ attended
8. Research and higher learning, Achievements



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9. Funded projects
10. Student academic performance
11. Student performance (Co-Curricular & Extra- Curricular)
12. Awards / scholarships / sponsorships
13. Training & Placements
14. Introduction of new programs / additional intake / closure /Certification for the AY 2019-20
15. Correspondence received from NBA/JNTUK/AICTE/UGC/APSCH
16. Minutes of BOS
17. Academic regulations of B.Tech./M.Tech./MBA
18. Any other item with the permission of the chairman

The minutes of meeting:

5-AC-1: COMPLIANCE TO MINUTES OF THE LAST ACADEMIC COUNCIL MEETING

1. Dr.R.Srinivasa Rao, DE, JNTUK suggested to present the results category wise i.e OC, BC, SC & ST

The results (Category wise) of 2015-19 batch were furnished below:

Dept.	Total Regd	Total Passed	OC (243)	BC –A (111)	BC –B (119)	BC –C (6)	BC –D (319)	BC –E (26)	SC (117)	ST (30)
CE	127	101	14	14	10	1	45	2	10	5
EEE	130	115	23	12	14	0	49	3	12	2
ME	204	195	34	23	23	2	75	8	24	6
ECE	206	183	52	22	31	2	53	5	14	4
CSE	195	157	58	17	17	0	47	2	13	3
CHE	63	49	14	7	6	1	16	2	3	0
IT	46	41	21	4	6	0	7	0	3	0
Total	971	841	216	99	107	6	292	22	79	20

The overall and category wise pass percentages of 2015-19 batch is furnished below:

The overall pass	: 86.6%
OC category pass	: 88.9%
BC-A category pass	: 89.2%
BC-B category pass	: 89.9%
BC-C category pass	: 100 %
BC-D category pass	: 91.5%
BC-E category pass	: 84.6%
SC category pass	: 67.5%
ST category pass	: 66.7%

It is observed that pass percentage of SC & ST category is low when compared to the remaining categories.

2. Dr. I. S. N. Raju suggested to explore the possibility of offering one year PG diploma course or 6 Months certification program on data sciences.



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Department of CSE and IT are offering the following courses under business intelligence group:

- AI and ML tools Hadoop & Big Data Analytics
- IoT ANN & Soft Computing
- Data Mining Machine Learning Techniques

3. Dr.A.M.Prasad, DAP JNTUK suggested to strength the alumni networking for improved services like career guidance, project guidance and internship.

- The Institution is having 3 Alumni Local Chapters at Chennai, Bengaluru, Hyderabad with elected body. About 637 Alumni were actively supporting in Career Guidance, Project Guidance and Internships to the students.
- 29 Alumni have visited the Institution during the academic year 2018-19 and addressed the students on career guidance and contemporary developments in the industry.

Reviewed and recorded.

Institution at a Glance:

- MVGR is a 22 years old Institution, established in 1997
- All UG Programs (CHEMICAL, CIV, CSE, ECE, EEE, IT & MECHANICAL) were re-accredited by NBA.
- MBA program was also re-accredited by NBA.
- Had been re-accredited with Grade 'A' by NAAC of UGC
- Has Permanent affiliation with JN Technological University-Kakinada
- Listed under sections 2(f) & 12(b) of UGC act 1956.
- Approved by AICTE-New Delhi
- EIGHT departments are recognized as RESEARCH CENTERS by JNTU-K
- Granted Autonomy by UGC in 2015
- Campus of 60 acres
- Offering 7 UG and 5 M.Tech and MBA program
- About 238 faculty of which 80 Ph.D. Degree holders & 5 Thesis Submitted
- 83 Laboratories with an investment of about 13 crores
- Total built up area of about 7 Lakh sft
- About 42,000 volumes and Access to 8 international online journal packages like IEEE, SPRINGER, etc.
- 1420 Systems & 395 MbPS band width internet facility
- About Rs. 4 crore worth of on-going R&D projects
- Actively involved in civil engineering consultancy work as Third Party Quality Auditor for Vizianagaram Municipality
- WIPRO Recognized technology learning center and MISSION 10X partner Institution



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- Recognized National Instruments Academy for Training in LabView
- SIRO recognition by DSIR
- Recognized PTC Centre of Excellence for Creo Training
- Identified by MSME as Business Incubation Centre
- APSSDC-Siemens Technical Skill Development Institute (tSDI)
- Recognized CMs SKILL EXCELLENCY CENTER (SEC)
- Microsoft Ed-vantage Platinum Partner
- Institutional member of IUCEE
- Institutional Member of CII
- Member, Chamber of Commerce, Vizianagaram
- Green Campus award by Govt. of AP

5-AC-2: ACCREDITATIONS AND STATUS OF CURRENT ACADEMIC PROGRAMS

NBA

- All the 7 B.Tech. programs being offered by the Institution were accredited by NBA

Program of accreditation		Status of accreditation					
		Cycle -I		Cycle -II		Cycle -III	
		Status	Years	Status	Years	Status	Years
1	B.Tech. CHEM	Accredited	3 Ys from 13.03.2009	Accredited	5 Ys from 01.07.2015	Accredited	5 Ys from 01.07.2015
2	B.Tech. CSE	Accredited	3 Ys from 10.02.2009	Accredited	3 Ys from 01.07.2015	Accredited	3 Ys from 01.07.2018
3	B.Tech. ECE	Accredited	3 Ys from 13.03.2009	Accredited	3 Ys from 01.07.2015	Accredited	3 Ys from 01.07.2018
4	B.Tech. EEE	Accredited	3 Ys from 10.02.2009	Accredited	3 Ys from 01.07.2015	Accredited	3 Ys from 01.07.2018
5	B.Tech. IT	Accredited	3 Ys from 10.02.2009	Accredited	3 Ys from 01.07.2015	Accredited	3 Ys from 01.07.2018
6	B.Tech. MECH	Accredited	3 Ys from 10.02.2009	Accredited	3 Ys from 01.07.2015	Accredited	3 Ys from 01.07.2018
7	B.Tech. Civil	Accredited	3 Ys from 01.07.2016	Assessment for accreditation under tier – I was completed on 29 th & 30 th June 2019			
8	MBA	Accredited	3 Ys from 04.01.2013	Accredited	3 Ys from 01.07.2019		

NAAC

	Cycle	Period	Grade
1	Cycle I	Five years from 15.06.2009	A
2	Cycle II	Five years from 03.03.2015	A



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UGC - AUTONOMOUS STATUS

The institution was granted autonomous status by University Grants Commission (UGC) conferred by JNTUK - valid from **2015-16 to 2020-21**.

B.Tech. PROGRAMS	Intake
• Chemical Engineering	: 60
• Computer Science & Engineering	: 180
• Civil Engineering	: 120
• Electronics & Communication Engg	: 180
• Electrical & Electronics Engineering	: 120
• Information Technology	: 60
• Mechanical Engineering	: 180

M.Tech. PROGRAMS	Intake
• Structural Engineering	: 18
• Power Systems	: 18
• Product Design & Manufacturing	: 18
• VLSI	: 18
• Comp. Networks & Inf. Security	: 18

Other PG PROGRAMS	
• Master of Business Administration	: 120
Ph.D.	
• Mechanical, Chemical, ECE & CSE	
• EEE, CIVIL, MBA & MATHS	

The status of Accreditations and current academic programs being offered are reviewed and recorded

Dr Shiv Kumar, CEO, Mapple software, has suggested to offer M.Tech. Program to the employees working in nearby organizations .

- It is resolved to communicate the M.Tech. programs offered by the Institution to the Industries (where the B.Tech. graduates are working) of Srikakulam, Vizianagaram and Visakhapatnam

5-AC-3: NEW LABS/ INFRASTRUCTURE DEVELOPED

Total investment for lab infrastructure up to 2017-18: **13 crores**

The following new laboratory / Infrastructure has been established during the AY 2018-19 based on curricular changes, aging, Technological obsolescence and requirements of additional skill development.

Sl	Branch	Department & Laboratories (AY-2018-19)	Cost
1	CE	Environmental Engineering Lab - Weather station	1,95,000
		Concrete Technology Lab - LVDT 2 No's	34,900
2	ME	Robotics & CNC Lab -ICP Array Microphone, Impulse Free Hammer	1,27,746
3	ECE	ECAD LAB	36,78,000
4	CSE	30 @ 8 GB Rams	2,38,500



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5	CHE	AAS	17,71,261
		Orbital Shaking Incubulator	2,11,776
6	CHY	Equipment	25,912
Total Investment			58,32,819

Reviewed and recorded

5-AC-4: BUILDING INFRASTRUCTURE

Existing Built up area

S.No	Name of the Building	Area (sft)
1	MECHANICAL BLOCK	49,453
2	CSE BLOCK	48,743
3	ECE BLOCK	47,936
4	EEE BLOCK	47,742
5	CIVIL BLOCK	63,011
6	PG BLOCK	33,173
7	ADMIN BLOCK	19,067
8	LIBRARY BLOCK	6,004
9	S & H BLOCK	5,423
10	BANK	2,100
11	SRI GANESH TEMPLE	699
12	GENERATOR ROOM	678
13	GIRLS HOSTEL	65,195
14	MAIN GATE	2,098
15	AMENITIES	2,195
16	WORK SHOPS	33,162
17	SERVENT QUARTERS	1,614
18	CIVIL SF (Chemical)	21,004
19	OFFICE:	2,475
20	GIRLS HOSTEL-C BLOCK	18,260
21	OTHERS	15,645
22	Services Block (Guest Rooms)	2,250
23	Gym	6,600
24	Parking Sheds	1,000
	TOTAL	4,95,527

Built up area: 2018-19

S.No	Name of the Building	Total Area (Sft)
1	Boys Hostel	1,65,000
2	Central Library	46,200
3	Bank	1,200
	TOTAL	2,12,400

Proposed Built up area : 2019-20

Name of the Building	Area (Sft.)
R&D BLOCK	32,000
Canteen FF	6,600
Total	38,600

Total Built Up Area = 7,07,927 Sft.



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5-AC-5: HUMAN RESOURCES

QUALIFICATIONS

Ph.D.	80
Ph.D. (Submitted)	5
Ph.D. (Pursuing)	68
M.Tech. / PG	82
Others	3
TOTAL	238

CADRE

Professor	30
Assoc. Professor	40
Asst. Professor	165
Others	3
TOTAL	238

Reviewed and recorded

5-AC-6: LEARNING RESOURCES

Magazines, Journals & Newspapers

Titles	Volumes	Avg Users per Day	Area Sft.s
18,351	41,755	325	46,500

PRINT JOURNALS

NATIONAL	INTERNATIONAL	TOTAL
122	11	133

MAGAZINES	NEWS PAPERS
34	10

FACILITIES

EZ Proxy Server (to access e-journals from
Digital Library
Reprographic Facilities
DELNET Services
Automated User Service
Student Group Discussion Room

Digital Library

E-BOOKS

➤ McGRAW-HILL	365
➤ ASTM Digital Library	1700
TOTAL	2,065

E-JOURNALS

➤ IEEE -	161
➤ SPRINGER(EEE)	134



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➤ SPRINGER (Mech.)-	46
➤ ASME (Mech.) -	36
➤ ASCE (Civil)-	34
➤ ELSEVIER (Science Direct)-	275
Total	686

ARTICLE DATABASE

➤ J-GATE Engg.	1763
➤ J-GATE Management	2128
Total	3891

Internet Bandwidth: 395 MbPS

E- Learning material

- NPTEL Web courses : 619 Subjects
- NPTEL GATE modules
- Video Courses : 110 (each 40 Hrs.)
- IUCEE Material : 1 Terabyte Hard disc
- NITTTR Material : 275 CDs on all subjects

Dr Shiv Kumar, CEO, Mapple software, has suggested to improve the utilization of library resources (Journals, digital library etc.)

- The average users per day are 325. It is resolved to evolve an action plan for improved usage (minimum 20% increase per day) of library resources

Reviewed and recorded.

5-AC-7: FDPS CONDUCTED /TO BE CONDUCTED/ ATTENDED

FDPS conducted / organized during the period (2018-19): 17

Dept	Name of the program	Date(s)	Resource persons with designation and Organisation
Civil	MIKE SHE and MIKE FLOOD	30.10.2018 to 02.11.2018	Dr. Vikrant –DHI Sri. Vijay Singh –DHI
	EPANET	03.01.2019 to 05.01.2019	Dr. S. Chandramouli Mr. Kalyan AVS
EEE	Power Electronic Applications to Power Systems	17th to 21st December 2018	Dr. A.K.Panda Professor Department of EEE IIT – Rourkela Dr. Vuddanti Sandeep Assistant Professor Electrical Engg Department CU of Karnataka Gulbarga Dr. Siva Kumar Keerthipati Professor



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			Electrical Engineering Dept. IITH Hyderabad Dr. C.N.Bhende Associate Professor School of Electrical Sciences IIT Bhubaneswar Dr. P.Chandra Sekhar Assistant Professor School of Electrical Sciences IIT- BBS Dr. G. Gurunath Assistant Professor Dept. of Electrical Engineering IISc Bangalore
ME	Three Day Work Shop On 'Non Destructive Testing'	8th -10th Sep -2018	Mr SRIHARI RAJU ,BITS NDT,VSP
	One Day Workshop on Auto CAD & Fusion 360	22nd Sep 2018	Mr Vijay Auto CAD India Ltd Mr Venu Auto CAD India Ltd
	5-day Faculty Development Program on Hybrid & Electric Vehicle Technologies (HEVT'2018)	11th - 15th December 2018	Prof.K.Munshi, Director,Industrial Design Centre, IIT Bombay, Dr.Somnath Sengupta, IIT KGP Mr.Yogesh Nagendrian, Team leader Renault Nissan Mr.Rajendra Khile, Dy.General Manager, Product Engineering, Renault Nissan Mr.G.Nischal, Design Engineer, R&D Mercedes Benz Dr.M.Venkateswarlu, AGM-Technology Centre Amara Raja Batteries, Tirupati Prof.C.S.Shankar Ram, Professor in Engineering Design,IIT Madras . Mr.Suroju Ramakrishna, Manager R&D, Renault Nissan
CSE & IT	Hands on session on Ethical Hacking	01-12-18	Dr M Naresh Babu, Dr. Firoz Amhed
	Hands on session on Virtual Labs	11th July 2018.	DVN Mrudhvika Avjit Sharma Parnika S Krishna Teja C Virtual Labs, IIIT Hyderabad,
	CISCO Women Rock IT program	11th July 2018.	Kathy Gong, Co-Founder, Wafa Games Mary McCulloch, Founder , Project Vive Usha Ramani, Gurajada Info, Aruna P, IBM
	CISCO Cyber Security and Ethical Hacking workshop	16th to 17th July 2018.	Mr. Gopi Kumar Nath, Trident Technologies, Bhubaneswar
	Andhra Pradesh Innovation Society's iBootUp IoT series	26th July 2018,	MR. T. Mani Kanta, Project Manager, iBHubs
	AI and Deep Learning	03 - 08 Jun 2019	E & ICT and NIT Warangal
CHE	Fuel Cell Technology – Opportunities & Challenges (Workshop)	29.09.18	Dr. Akhila Kumar Sahu, Scientist, CECRI, Chennai. Dr. Santosh Kumar Senior Scientist, CSIR, Chennai. D. Bhat, Senior Scientist, CSIR, Chennai. Sri. P.V.S. Ganesh Kumar, Scientist, NSTL, Visakhapatnam.
MBA	Startup Business	05.10.2018	Sri M. Panduranga Rao, Asst. Director, DIC, Vizianagaram



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			Sri D. Madhusudhana Rao, MD, TICS, Visakhapatnam Sri M. Ramalingam, Director, TICS, Visakhapatnam
	Export & Import Policy and Procedures	15 & 16 December 2017	Mr. Alok Dwivedi, ITS, Joint Director of Foreign Trade Dr. B. Punnam Kumar, ITS, Asst. DGFT, Govt. of India Mr. S.V. Ranganadhan, Executive, JDGFT, Visakhapatnam
	Change Management	06.02.2019	Mr. Ajit Jain, Country Head-HR, Signode India Ltd., Hyderabad
	Cyber Crime, Security Threats, Prevention and Solutions	26.02.2019	Sri Pydah Krishna Prasad, Chairman, AP Chamber of Commerce Sri Kishore Jain, President, Rotary Club, Vizianagaram Prof. M.S.P. Babu, Sr. Professor, Andhra University (Rtd.) Mr. N. Ram Prasad, Vice-President, Bharat Reinsurance Mr. Srikanth, MD, Robotics Mr. CA.P.S.C. Nageswara Rao, President, Chamber of Commerce Dr. P.Ravi Kiran Varma, MVGRCE

FDP Proposals (2019-20) : 10

S.No.	Dept	Name of the Program	Proposed Date
1	CE	Sustainability Design of Structures	2 nd & 3 rd Aug 2019
2	EEE	LabVIEW Applications in Electrical Engineering	16 th to 21 st Dec 2019
3	ME	Industry 4.0	15 th to 20 th Sept 2019
4	ECE	FDP on Latest Technologies in Communications and Signal Processing	18 th to 24 th Nov 2019
5	CSE & IT	Workshop on AI and Machine Learning	20 th & 21 st July 2019
		Workshop on IoT	1 st Nov 2019
		Machine Learning using Python (MLARP-2019)	2 nd to 7 th Dec 2019
6	CHE	Green Technologies	12 th Dec 2019
7	MBA	Research Methodology (FDP)	18 th & 19 th Oct 2019
		Indian Ethos and Corporate Governance (MDP for industry participants)	2 nd Week of Dec-19

Number of FDPs attended by Faculty: 248

GIAN Courses attended by Faculty : 22

Number of MOOCs done by Faculty: 122

MOOC's Toppers List (Faculty):

S.No	Name of the Faculty	Subject	Standing
1	Energy Efficiency, Acoustics and Daylighting in Building	Partheepan Ganesan	Topper of the course
2	Strength of materials	Dr Madhava Varma Budharaju	Topper of 1%



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3	The Joy of Computing using Python	K Sobha Rani	Topper of 1%
4	Principles of Communication Systems - I	Adduru U G Sankararao	Topper of 1%
5	Digital Circuits	Adduru U G Sankararao	Topper of 1%
6	Modern Digital Communication Techniques	Adduru U G Sankararao	Topper of 1%
7	Principles of Signals and Systems	Sudhansu Sekhar Behera	Topper of 1%
8	Digital Circuits	Uppalapati Naga Subhadra Devi	Topper of 1%
9	Subsurface exploration : Importance and techniques involved	Bodala Ramu	Topper of 2%
10	Programming in Java	Angara Sai Venkata Jayasri	Topper of 2%
11	Principles of Signals and Systems	S Kumar	Topper of 2%
12	CMOS Digital VLSI Design	Pasumarthy Srikanth	Topper of 2%
13	Digital Circuits	Pasumarthy Srikanth	Topper of 2%
14	Modern Digital Communication Techniques	Shanmukha Rao Narsupalli	Topper of 5%
15	Kinematics of Mechanisms and Machines	Dr. Srinivasa Rao S	Topper of 5%
16	Digital Electronic Circuits	Uppalapati Naga Subhadra Devi	Topper of 5%
17	Antennas	Dr. Shaik Mastan Vali	Topper of 5%
18	Foundation Engineering	Bodala Ramu	Topper of 5%
19	Digital Circuits	B. Srinivas	Topper of 5%
20	Digital Circuits	Dr. Shaik Mastan Vali	Topper of 5%
21	Digital Circuits	Muddada Laxmi Prasanna Rani	Topper of 5%
22	Digital Circuits	Dr. D. Rama Devi	Topper of 5%
23	Digital Circuits	Sudhansu Sekhar Behera	Topper of 5%
24	Digital Circuits	Ashok Kumar Adepu	Topper of 5%
25	Antennas	Dr. Shaik Mastan Vali	Topper of 5%
26	Foundation Engineering	Bodala Ramu	Topper of 5%

Faculty Internships : 45

Number of Publications: 260

Reviewed and recorded.

5-AC-8: RESEARCH AND HIGHER LEARNING, ACHIEVEMENTS

Ph.D. awardees 2018-19:

	Name of the Faculty	Designation	Department
1	DR. P. SUDHEER	Asst. Professor	CIVIL
2	DR. M. VINODH KUMAR	Asst. Professor	ECE
3	DR. G.VIMALA KUMARI	Asst. Professor	ECE
4	DR. B. LAVANYA	Asst. Professor	ECE
5	DR. B.V. RAMANAIAH	Asst. Professor	CHEM
6	DR. B B V S VARA PRASAD	Asst. Professor	PHY
7	DR. G.V.S.R. PAVAN KUMAR	Asst. Professor	CHY.



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Ph.D. Thesis Submitted 2018-19:

	Name of the Faculty	Designation	Department
1	MR. I KRANTHI KIRAN	Assoc. Professor	EEE
2	MRS. V. JYOTHI	Asst. Professor	IT
3	MR. V V R B RAJU	Asst. Professor	MATHS
4	MR. D. KRUSHNA	Asst. Professor	ENGLISH
5	MR.P.SURYA PRASAD	Associate Professor	ECE

Faculty sponsored to pursue full time Ph.D.:

	Name of the Faculty	Designation	Department	Institute/ University
Joined in the year 2018-19				
1	B. PRAVEEN SAI	Asst. Professor	ECE	IIT- Hyd.
2	A U G SHANKARA RAO	Asst. Professor	ECE	IIT- Hyd.
3	BHASKAR	Asst. Professor	CIVIL	IIT- TPTY
4	A V S KALYAN	Asst. Professor	CIVIL	NIT-Silchar
5	N. SUSHMA RANI	Asst. Professor	CSE	NIT-AP
6	G. SANKARA MANI	Asst. Professor	EEE	VNIT-Nagpur
7	G N V RAJA REDDY	Asst. Professor	IT	NIT-Silchar
Pursuing				
1	G. PRAMODH KUMAR	Asst. Professor	MECH	NIT- Trichy
2	K.RAVI KUMAR	Asst. Professor	MECH	NIT- Trichy
3	T. SUDHAKAR	Asst. Professor	EEE	IIT-Mumbai
4	CH. RAVI SANKAR	Asst. Professor	CIVIL	IIT- Kharagpur
5	B.V JOGA RAO	Asst. Professor	CIVIL	IIT- Kharagpur
6	T. P. SRIJANI	Asst. Professor	CIVIL	Andhra University
7	D.MALLIKARJUN REDDY	Asst. Professor	CSE	IIT Chennai
8	D.ANTHONY BALARAJU	Asst. Professor	CSE	IIT Chennai
9	H. SUDHA	Asst. Professor	ECE	Andhra University
10	VSM SRINIVASA VARMA	Asst. Professor	ECE	IIIT (D&M) Kanchipuram

FACULTY DEVELOPMENT:

The Institution is collaborating with Industries to train the faculty members on Industry ready skills/Modern tool, who in turn train the students. The following faculty members were trained by various Industries and conducting certification programs on modern tool(s) to students.

	Industry ready skills / Modern tool	Dept.	MoU with	Trained & Certified resource Person
1	Creo, Windchill (PLM), Ansys	MEC	PTC Bengaluru	1. Dr. S. Adinarayana 2. K. Ajay 3. Dr. S. Srinivasa Rao 4. S Sanyasi Naidu 5. Dr L V V Gopal Rao 6. G Satyanarayana



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				7. G. Veeraiah 8. M.K. Naidu 9. Dr. N. Ravi Kumar 10. Ch. Varun
2	Embedded Systems (Micro Controller & Embedded Processors)	ECE	Think Labs IIT Bombay	1. Dr. R Ramana Reddy 2. K Rakesh 3. U.N. Subhadra Devi 4. G. vimala kumari 5. V. Lavanya 6. N. Shanmuka Rao 7. Dr. M. Satyanarayana
3	NI Lab view (NI Software and Hardware Modules)	ECE	National Instruments, Bengaluru	1. B. Lavanya 2. B. Srinivas 3. M. vinod Kumar 4. M.Lakshmi prasanna 5. Dr. Shaik Mastan Vali 6. Dr. M. satyanarayana
4	IOT Internet of Things	ECE	Phytec Embedded Pvt. Ltd, Bangalore	Dr.R.Ramana Reddy, 2. Mr. K. Rakesh 3. Mrs. G. Vimala Kumari
5	MTLC (Unified Technology Learning Platform)	ECE	WIPRO Bengaluru	1. D. Raja Ramesh 2. P. Surya Prasad
6	AC Drives	EEE	SIEMENS	1. Dr. Sarath Kumar Sahu 2. P .Sai Srinivas 3. Ch. Bhavani Shankar 4. P. Pavan Kumar 5. B. Jagannadh Ch. Yadav
7	PLC	EEE	SIEMENS	1. Dr. Sarath Kumar Sahu 2. P. Sai Srinivas 3. Ch. Bhavani Sankar 4. P. Pavan Kumar 5. Jagannadh Ch.Yadav .B
		ECE		6. P U K Prabha
		MECH		7. K Ajay (PLC)
8	MAT Lab	EEE		8. R.U.S.M Raju
				1. I. Kranthi kiran & 2. K S Ravi Kumar
9	EPANET (Hydraulic Analysis of water supply pipe network)	CIV		1. Dr. S. Chandramouli 2. Mr. AVS Kalyan
10	Staad.Pro	CIV		1. Dr. P. Markandeya Raju
11	GIS	CIV	IIRS Dehradun	1. Mr. A Vara prasad 2. Mr. Ch. V. Ravi Shankar 3. Mr. B. V. Jogarao
12	Processing Equipment Design	CHEM	SIMTECH Solutions	1. Dr. CH V subbarao 2. B Sarva Rao



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			Hyderabad	3. G V S K Reddy 4. Dr. D. Krushna
13	JAVA programming	CSE	Oracle Corporation	1. P S SitaRamaRaju 2. G Veerabhadra Rao 3. Dr. C. Kalyan Chakravarthy
14	PEGA	CSE	VIRTUSA Hyderabad	1. Dr. S. Srinivasa Rao 2. K V Subba Raju
15	Information security analyst	CSE	APSSDC &	1. K V Subba Raju
16	Data Analytics	CSE	NASSCOM	2. Dr. P. Srinivasa Rao
17	CCNA	CSE	CISCO	1. P. Ravi Kiran Varma 2. K V Subba Raju
18	Ethical Hacking	CSE	EC-Council academia	1. P. Ravi Kiran Varma

No. of faculty trained on six sigma by ASQ (American Society for Quality) : 17

Dr Shiv Kumar, CEO, Mapple software, appreciated the faculty and students for active participation in MOOCs.

Dr Shiv Kumar, CEO, Mapple software, has volunteered for Faculty and student internships.

Also, suggested the following:

To develop MOOCs by internal faculty:

- The Institution has already established digital studio for developing MOOCs. It is resolved to develop at least 6 MOOCs by internal faculty for the coming year.

To invite resource persons from industry to deliver guest lectures and interaction with faculty members:

- As a practice, the Institution is inviting eminent persons from industry to deliver guest lectures on contemporary/advanced technologies to bridge the gap between Institution and Industry. It is resolved to invite more people from diversified industries to strengthen the Industry-Institute interaction.

To develop the vocational courses content and provide training to the people in collaboration with NGOs to impart skills:

- It is resolved to explore the possibility of collaborating with NGOs for vocational course content development and training to people for imparting skills.

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5-AC-9: FUNDED PROJECTS

Funded Projects sanctioned - 2018-19:

S.No	Title of the project	Agency	Principal Investigator	Amount in Rs.
1	Modernization and Removal of Obsolescence in Machine Tools Lab	AICTE	Dr S Adinarayana	20,00,000
2	Recent Trends in Sustainable Design of Structures	AICTE	Dr P Markandeya Raju	6,10,775
3	International Conference on Sustainable Systems and Structures	AICTE	Dr P Markandeya Raju	5,00,000
4	Toughened Concrete for Building Structures of National Importance against Impact Forces	DST	Dr. Partheepan Ganesan	18,48,000
5	Synthesis and Characterization of Thermochemical Material for Solar Thermal Energy Storage	DST	Dr. M Siva Subrahmanyam	18,48,000
6	Exploring magnetic, magnetocaloric and magnetoresistive properties of $Ti(Fe_{1-x}Co_x)_2$ ($0 < x < 1$)	DST	Dr. Shanmukha Rao Samatham	18,48,000
7	Integrated Water Management Through Rejuvenation of Surface Tanks in Vizianagaram Town	DST	Dr R Maheswaran	1,04,33,360
Total				1,90,88,135

Ongoing Funded Projects:

Designing Huesler Compounds for Magnetic Refrigeration and Spintronics Application	UGC	Dr. S Samantham	45,000
Wavelet Entropy Based Multiscale Performance Analysis: An Approach to Assess and Improve Hydrological Models	DST	Dr R Maheswaran	17,01,310
Design and Development of KU band Micro strip patch antenna Array for Satellite Application	DST	Dr G Anjaneyulu	31,41,000
INSPIRE Faculty Awardees	DST	Dr. R. Maheshwaran	35,00,000
Process optimization studies on Removal of Heavy Metals from Waste Water using Mixed Adsorbents	DST	Dr. D. Krishna	26,58,000
Funds for improvement of S&T infrastructure	DST	Dr. K. V. L. Raju	30,00,000
Total			1,40,45,310

Total Value of Funded Projects - Rs. 3,31,33,445/-



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MOUs :

S.No	COLLABORATING ORGANIZATION	DoS MoU	PURPOSE
1	University of Central Florida	12.06.19	To provide students the opportunity to pursue MS Program at UCF.
2	Maharaja Institute of Medical Sciences	29.04.19	To facilitate industry-institute interaction for technical advancement, to develop academic and industrial relationships and support collaborative research activities,
3	iKria Learning LLC	05.01.19	To perform collaborative research on IoT product development
4	Zunik Energies	30.11.18	To train faculty on power electronic Convertors Design and Controller Development
5	Geospatial and Environmental Solutions	14.11.18	To collaboratively work with students on real time projects
6	Geospatial and Environmental Solutions	14.11.18	To collaboratively work with students on real time projects
7	APSSDC and Dassault Systems	14.11.18	To establish a 3D Center of Excellence and to provide industry and domain skills to students.
8	JNTU Kakinada	01.09.18	Signed as a part of Margdashan scheme of AICTE to facilitate the development of collaborative and mutually beneficial programs which serve to enhance the teaching pedagogy
9	CodeTantra Tech Solutions Pvt. Ltd	05.05.18	To make students employment ready in IT Sector
10	Novel Intellectual Property Rights Academy (NIA)	04.05.18	To create, develop and promote IPR Cell in the college
11	Benaka Technologies	30.5.2017	To establish a Biogas plant and to develop prototype models of Wind Turbine and Smart Home .
12	Andhra Pradesh Skill Development Center		To set up a technical center of excellence

Dr Shiv Kumar, CEO, Mapple software, has suggested to collaborate with industry to strengthen the Industry Institute interaction.

At present, the Institution is having collaboration with 10 industries and Board of Studies, Academic Council & Governing Body consisting Members from various industries like TCS, ISRO, NSTL etc.

- It is resolved to explore the possibility of networking more industries to strengthen the Industry Institute interaction.

Dr I S N Raju, Retired Chief Engineer & Senior Project Manager, APHRDI, has suggested the following:

To strengthen the consultancy:



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- Department of civil engineering is actively involved in consultancy works like design of culverts, buildings, water tanks for rural water supply, traffic surveys etc. and acting as Third party quality auditor for Vizianagaram Municipality.
- It is resolved to explore the possibility of consultancy works for other departments. (EEE, MECH, ECE, CSE, CHE & IT)

To apply for National Accreditation Board for Testing and Calibration Laboratories (NABL) for accreditation of the Laboratories.

- It is resolved to know the procedure for accreditation by NABL and explore the possibility to apply.

To test the water quality in adopted villages:

- It is resolved to test the water quality of adopted villages.

Reviewed and recorded

5-AC-10: STUDENT ACADEMIC PERFORMANCE

a) Academic Performance of B.Tech 2014-18 Batch (University)

Branch	Appeared	Awarded	Distinction	I class	II class	Pass Class	Pass %
CIV	141	113	37	74	2	0	80.14
EEE	134	110	60	49	1	0	82.09
MECH	218	201	137	62	2	0	92.20
ECE	212	174	96	69	9	0	82.08
CSE	197	175	88	81	6	0	88.83
CHE	57	40	25	12	3	0	70.18
IT	57	45	28	15	2	0	78.95
TOTAL	1016	858	471	362	25	0	84.45
Overall%	84.48		54.90	42.19	2.91		

b) Academic Performance of B.Tech. 2015-19 Batch (Autonomous)

Branch	Appeared	Awarded	Distinction	I Class	II Class	Pass Class	Pass %
CIV	127	101	63	32	6	0	79.53
EEE	130	115	76	34	5	0	88.46
MECH	204	195	156	38	1	0	95.59
ECE	206	183	154	28	1	0	88.83
CSE	195	157	104	46	7	0	80.51
CHE	64	49	27	20	2	0	76.56
IT	45	41	26	13	2	0	91.11
TOTAL	971	841	606	211	24	0	86.61
Overall%	86.6		72.06	25.1	2.9		



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c) The results (Category wise) of 2015-19 batch

DEPT	Total Regd	Total Passed	OC (243)	BC -A (111)	BC -B (119)	BC -C (6)	BC -D (319)	BC -E (26)	SC (117)	ST (30)
CE	127	101	14	14	10	1	45	2	10	5
EEE	130	115	23	12	14	0	49	3	12	2
ME	204	195	34	23	23	2	75	8	24	6
ECE	206	183	52	22	31	2	53	5	14	4
CSE	195	157	58	17	17	0	47	2	13	3
CHE	63	49	14	7	6	1	16	2	3	0
IT	46	41	21	4	6	0	7	0	3	0
TOTAL	971	841	216	99	107	6	292	22	79	20

The overall and category wise pass percentages of 2015-19 batch is furnished below:

The overall pass	: 86.6%
OC category pass	:88.9%
BC-A category pass	:89.2%
BC-B category pass	:89.9%
BC-C category pass	:100 %
BC-D category pass	:91.5%
BC-E category pass	:84.6%
SC category pass	:67.5%
ST category pass	:66.7%

It is observed that pass percentage of SC & ST category is low when compared to the remaining categories.

d) Comparison of Results- JNTUK (2014-18 batch) Vs MVGR(A) (2015-19 batch)

Dr P Subba Rao, DE, JNTUK has suggested to furnish the results of each semester for University batch and Autonomous batch in the previous Academic council meeting.

As per his suggestion, we are herewith furnishing the results of each semester for University batch (2014-18) and Autonomous batch (2015-19)

S.No	Semester	JNTUK (2014-18 batch)	MVGR(A) (2015-19 batch)
1	I – I	64.1	65.2
2	I – II	69.3	69.3
3	II – I	65.6	66.6
4	II – II	63.0	75.3
5	III – I	72.7	66.7
6	III – II	73.1	81.4
7	IV – I	77.8	88.7
8	IV – II	86.6	100*



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- As per program structure, VIII semester is Project work.

From the above data, it is observed that

- Variation in pass percentage is negligibly small for B.Tech. I,II and III semester, about 10% increase in IV , VI, VII & VIII semesters and about 10% decrease in V semester with respect to the University batch.

e) Correlation of Internal Marks Vs External Marks

Dr. R Srinivasa Rao, DE, JNTUK, has suggested to furnish correlation of internal marks and external marks in the previous Academic council meeting. The data for the AY 2018019 is furnished below.

Admitted Batch	Semester	Performance in Internal Marks (%)	Performance in External Marks (%)
2016 -17	V	74.8	63.5
	VI	76.4	67.9
2017 -18	III	73.67	62.61
	IV	72.50	61.74
2018-19	I	82.41	70.95
	II	78.2	65.5

From the above data, it is observed that the % of deviation between internal and external marks is in the range of 8-12 %. Average deviation is 10% which is acceptable. The performance in internal marks is high because of modular learning's of student.

f) Autonomous Batch Results B.Tech. :

B.Tech (2015 Batch)	Overall Pass %
I Semester	65.22
II Semester	69.31
III Semester	66.63
IV Semester	75.30
V Semester	73.95
VI Semester	81.42
VII Semester	88.69
VIII Semester	100

B.Tech (2016 Batch)	Overall Pass %
I Semester	73.34
II Semester	67.09
III Semester	71.78
IV Semester	69.89
V Semester	70.52
VI Semester	77.96

B. Tech. (2017 Batch)	
I Semester	70.91
II Semester	72.56



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III Semester	66.37
IV Semester	75.46
B. Tech. (2018 Batch)	
I Semester	72.45
II Semester	63.51

Autonomous Batch Results M.Tech & MBA:

M. Tech.

2015 Batch	Overall Pass %	2016 Batch	Overall Pass %	2017 Batch	Overall Pass %
I Semester	86.08	I Semester	77.08	I Semester	91.30
II Semester	87.34	II Semester	89.36	II Semester	82.98
III Semester	98.75	III Semester	95.83	III Semester	100.00
IV Semester	85.00	IV Semester	72.92		

MBA

2015 Batch	Overall Pass %	2016 Batch	Overall Pass %	2017 Batch	Overall Pass %	2018 Batch	Overall Pass %
I Sem	95.80	I Sem	99.08	I Sem	88.50	I Sem	76.07
II Sem	99.14	II Sem	100	II Sem	85.59		
III Sem	97.41	III Sem	95.33	III Sem	95.50		
IV Sem	100.00	IV Sem	100	IV Sem	100		

No. of Students Awarded UG & PG Degree:

S.No	Name of the Program	Batch	Students on Rolls	Eligible Students	Awarded / Submitted etc.,
1	B.Tech	2015-19	971	841	807* + 34**
2	M.B.A	2015 -17	120	116	116
3	M.B.A	2016 -18	113	107	107
4	M.B.A	2017 -19	111	90	90*
5	M.Tech	2015 -17	83	68	68
6	M.Tech	2016 -18	50	35	35

*Submitted PC applications to JNTUK

** Eligible for applying PC

MOOCS COURSE



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No. of students who opted for MOOCS course as Open Elective offered by NPTEL for the Academic Year 2019-20 Semester: **VII** No. of credits: **03** Duration of the course: **12 weeks**
Course offered by **NPTEL**.

S. No	Branch	No . Of Students opted	Name of the course	No. of Credits
1	CSE	190	Joy of Computing Using Python	03
2	IT	53	Joy of Computing Using Python	03
3	IT	5	Business Analytics and data Mining Using R	03
4	ECE	15	Joy of Computing Using Python	03

- Academic performance of students was reviewed, recorded and ratified.
- Also, the MOOCs (Joy of Computing Using Python, Business Analytics and data Mining Using R) opted by the students of CSE,IT and ECE as open elective was reviewed and ratified as 3 credit course.

5-AC-11: STUDENT PERFORMANCE (CO-CURRICULAR & EXTRA- CURRICULAR)

Certification Programs 2018-19

- In addition to training on curriculum, the Institution encourages the students to actively engage in activities for skill development, learning new tools etc., About **3403** students from various departments underwent training leading to certification by collaborating industry partners..

Civil : **22**

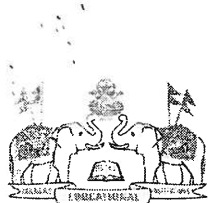
Name of the certification program	No of students
EPANET	22

EEE : **449**

Name of the certification program	No of students
APSSDC Certification on IoT	261
Programmable Logic Controllers	51
SCADA	55
Induction Motor (SIEMEN's)	49
Mechatronics	33

Mech: **850**

Name of the certification program	No of students
APSSDC-Welding-Auto Two Wheeler	218



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APSSDC-SOLID EDGE	177
APSSDC-Auto Two Wheeler	218
APSSDC-CAE	20
APSSDC-CNC	118
APSSDC-PLM	25
APSSDC-Robo cad	74

ECE : 30

Name of the certification program	No of students
Internet of Things	30

CSE & IT : 2052

Name of the certification program	No of students
CLP - Advanced Programming in C	14
PCAP - Programming Essentials in Python	24
CCNA R&S: Connecting Networks	15
IT Essentials: PC Hardware and Software	93
CLA - Programming Essentials in C	67
I Yr C-Sec CLA	62
Entrepreneurship IV Yr	2
C++	19
CCNA R&S Intro to Networks	10
CLA	14
NDG Linux Essentials	50
PCAP	90
CCNA Module 2	4
CCNA Scaling Networks	49
CCNA R&S: Introduction to Networks	27
Cybersecurity Essentials	1
IoT Connecting Things	17
CCNA Introduction to Networks	6
IT-PCAP - Programming Essentials in Python	51
PCAP - Programming Essentials in Python	8
Linux Essentials	19
CCNA Cybersecurity Operations	45
Cybersecurity Essentials	750
INTRODUCTION TO CYBER SECURITY	631
CCNA Mod 4 CNIS June 2018	3

b) With a view to give student comprehensive and enhanced learning experience and also as a part of finishing school, students are encouraged to take active part in industry internships. During the academic year 2018-19, 1193 students have participated.



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Number of Student Internships: 1193

- Also, **158** technical paper presentations were made by the students in various competitions during the AY 2018-19
- The Institution has invited experts from industry to deliver guest lectures and seminars. During the AY 2018-19, **55** such lectures were conducted.

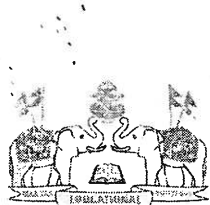
c) Student participation in MOOCs: 326

MOOC's Toppers List (Students) : 2018-19:

S.No	Name of the Course	Name of the Student	Dept	Standing
1	Engineering Mechanics - Statics and Dynamics	V Shanmukha Sai Simhadri	CIVIL	Topper of 1%
2	Advanced Concrete Technology	Akella Venkata Ram Karthik	CIVIL	Topper of 1%
3	Advanced Concrete Technology	Adidam Kameswara Ramakrishna	CIVIL	Topper of 1%
4	Problem Solving through Programming in C	Velamuri Venkata Ramavidya Sagar	CSE	Topper of 1%
5	Programming, Data Structures and Algorithms using Python	Naralasetty Manish Kumar	CSE	Topper of 2%
6	Technical english for engineers	Dantuluri Roshini	CHEM	Topper of 2%
7	Data Base Management System	Korada Abhishek	CSE	Topper of 5%
8	Machine Learning for Engineering and Science Applications	Bhamidipati V V S V Amit	CSE	Topper of 5%
9	Enhancing Soft Skills and Personality	Boddepalli Karthik Kumar	MECH	Topper of 5%
10	Programming, Data Structures and Algorithms using Python	Majji Vinay Kumar	ECE	Topper of 5%
11	The Joy of Computing using Python	Marupalli Naveenkumar	CSE	Topper of 5%
12	Developing Soft Skills and Personality	Tulluri Venkata Ramana	IT	Topper of 5%

d) Institutional Sponsored Student projects National level competitions

S.No	Name of the Team	Vehicle	Sponsored amount in Rs.	Organized By	Position	Awards
1	TEAM INVINCIBLE	Design,Analysys and Fabrication of All Terrain Vehicle (ATV)	3,50,000/-	"BAJA SAE INDIA 2019"-IIT Ropar	42/88	--
2	TEAM Aadhya	Go karting	1,05,000/-	Society of Innovative Minds(SIM India), Pro Karting Championship-2K19-	6/35	First prize in Business Plan event



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e) Extra - Curricular Activities

The Institution is encouraging students to actively participate in extracurricular activities like sports, cultural, NCC, NSS etc,

The following Sports Facilities were provided to students.

- Cricket Ground with pavilion
- Gym in the premises of college
- Separate Gym for boys hostel and girls hostel
- Basket Ball Court
- Volley Ball Court
- Kho Kho Court
- Shuttle court

List of students - represented JNTUK – 2018-19:

S.No	Name of the Student	Game	Year/ Branch
1	D. Sridevi	Kho-Kho	2/4 ECE
2	K. Bharathi	Volley Ball	2/4 EEE
3	V. Dinesh Kumar	Badminton	2/4 CSE
4	M. Lokesh Kumar	Chess	3/4 EEE
5	P. Jeevan Kumar	Handball	4/4 Chem.
6	T. Jashwant	Roller Sports	4/4 Mech
7	D. Sai Varun	Roller Sports	4/4 Mech

Cultural

- Mr. Shaik Ishaq Vali (Civil 4th year) is one of the singers for movie 'Naruda Donaruda'.
- Ms. Sireesha (IT 3rd year) - Selected Indian Idol among top 40 and as a 'Duo' with her sister in Rising Stars show in Colors Channel.

NCC

- NCC Unit – 100, 'B' Certificate - 45; 'C' Certificate - 35; Mr.N.N.Prasad , 4/4 CSE and Mr.S.VAMSI 3/4 MECH - Best Cadets

NSS

- 12 Programmes 100 Volunteers enrolled; Venkatesh, 4/4 CSE , Rasajna Varma, 4/4 IT and Santosh, 4/4 Civil– Best Volunteers
- For the academic year 2018-19 – 650 Units of Blood donated
- Best Blood Donation Camp - District level award - by Red Cross Society
- Best Blood Donation Camp - District level award - by M.R Blood Bank
- Adopted Villages: Chintalavasala & Boddavalasa – actively participated in empowerment programs and also supported and conducted plantation program Boddavalasa School
- Facilitated Skill Development Training to around 20 unemployed village youth

The Co-curricular & Extracurricular activities of students were reviewed and recorded.



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5-AC-12: AWARDS / SCHOLARSHIPS / SPONSORSHIPS

All the meritorious candidates securing top ranks in their respective classes were given academic awards :

1. An amount of Rs.35,000/- cash award for I ranker from each class
2. An amount of Rs.23,333/- cash award for II ranker from each class
3. An amount of Rs.11,667/- cash award for III ranker from each class

Statement of awards for the academic year 2018-19 :

S.No	Program & Year	Number of Students	Amount (Rs.)
1	I B.Tech	17	3,96,666
2	II B.Tech	16	3,96,666
3	III B.Tech	15	3,96,666
4	IV B.Tech	14	1,13,156
5	M.Tech	6	60,000
6	MBA	2	45,000
Total		70	14,08,154

We place over sincere thanks and appreciation on record to Dr. D. R. Prasad Raju, Dean (FD). for sponsoring **Rs. 1,00,000/-** towards financial assistance to poor students

Medals Instituted:

S.No	Institutional Medal	Dept.
1	Dr. P. Anand Gajapathi Raju Memorial Gold Medal	Overall topper
2	Maharaj Anand Gajapathi Raj Memorial Gold Medal	CHEM
3	Dr. PVG Raju Memorial Gold medal	CIVIL
4	Maharaj Alaknarayan Gajapathi Raj Memorial Gold Medal	CSE
5	Maharani Vidyavati Devi Memorial Gold Medal	ECE
6	Maharani Urmila Devi Appalakondayamba Memorial Gold Medal	EEE
7	Maharani Lalitha Kumari Devi Memorial Gold Medal	IT
8	Maharaj Vijayram Gajapathi Raj Memorial Gold Medal	MECH
9	Rajkumari Sucharitha Gajapathi Raju Memorial Gold Medal	MBA
10	Maharaj Narayana Gajapathi Memorial Gold Medal	MCA
Sponsored Medals		
11	K.Vani Manasa Memorial Medal	CSE
12	Prof B Harinarayana Rao Memorial Medal	EEE
13	Prof. G J V J Raju Foundation Medal	CHEM
14	Gumpina Praneeth Kumar Memorial Medal	IT

Reviewed and recorded



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5-AC-12: TRAINING & PLACEMENTS

PLACEMENTS (2018-19) -706

S.N o	Name of the Company	Selected	S.N o	Name of the Company	Selecte d	S.N o	Name of the Company	Selec ted
1	Mu- Sigma	5	26	TCS Ninja	21	51	Docmation	3
2	Elevate (Khazana Group)	1	27	Wipro	5	52	Dazeworks	2
3	MyMoney Karma	1	28	ADP India	2	53	Biznusoftware	2
4	Report Garden	1	29	Infosys	13	54	Eternus	2
5	MAQ Software	7	30	HCL	1	55	Zen3i Solutions	5
6	TAVISCA	4	31	Deccan Fine Chemicals	2	56	Zen3 Tech	17
7	MAQ Software	2	32	Cognizant Technologies	10	57	VEM Technologies	11
8	FACE	6	33	TCS CodeVita	5	58	Shri Ram Panels	1
9	Efftronics	1	34	Syntel	6	59	Alcane Technologies	5
10	Nine Leaps	4	35	Asahi India Glass	2	60	Pernod Ricard India	5
11	Kreeti Technologies	1	36	Lotuswireless	12	61	InfoDesign	11
12	UX Reactor	2	37	IMEG Engineering	2	62	Scope T&P Pvt Ltd	1
13	CtrlS	8	38	Design Tribes	3	63	SHA Associates	20
14	LiquidHub	7	39	Abra	18	64	SciTech Patent Art Services Pvt Ltd	3
15	Glenwood Systems	7	40	MSK Consultants And Engineers	3	65	Raster Technologies	3
16	Red Solar	2	41	WTT Tech. Solutions India Pvt Ltd	7	66	Hyper Filtration	1
17	Aclara	6	42	Innovate Apps	3	67	Effive India Pvt.Ltd	19
18	Spyry Technologies	6	43	Unistring Tech Solutions	12	68	Trimax Bio Scienced Pvt Ltd	10
19	Medha Servo	2	44	Axiom IO	13	69	Innovare Labs Pvt Ltd	4
20	Hyundai Mobis	4	45	Jytra Technology Solutions	2	70	Ski Detail	7
21	Mindtree	1	46	Raam Group	17	71	Grow Controls	5
22	Sopra Steria	1	47	Memorang	1	72	MyMoney Karma	19
23	Capgemini	189	48	Amzur Technologies	10	73	Inlight Data Analytics	6
24	Soctronics	9	49	IWS	15	74	HR Square LLP	17
25	Solenis	5	50	Nagarro	2	Total		706*



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Total Companies Visited : 103

Core Companies : 43 – Placements : 246

IT Companies : 60 – Placements: 460

Training Programs conducted:

S.No	Training Program	Provider	Target Group	No of Students trained
1	Corporate Recruitment Training	Conduira	Final year B.Tech ECE Students	109
2	Company Specific Training for Capgemini	Talentio Solutions	Final year B.Tech students	411
3	Company Specific Training for Wipro	Talentio Solutions	Final year B. Tech Mech, Civil & Chem Students	233
4	Company Specific Training for Infosys	Talentio Solutions	Final year B.Tech students	134

No. of students qualified in GATE 2019 : 56

Dr Shiv Kumar, CEO, Mapple software, has suggested to furnish the placement data of last 3 years along with current year.

It is resolved to furnish the placement data of last 3 years along with current year.

Reviewed and recorded.

5-AC-14: INTRODUCTION OF NEW PROGRAMS / ADDITIONAL INTAKE / CLOSURE / CERTIFICATION FOR THE AY 2019-20

The following M.Tech Programs were closed with effect from AY 2019-20

Programmes	Specialization	Intake
M.Tech (ECE)	Communication Systems	18
M.Tech (IT)	Data Sciences	18

Recorded.

5-AC-15: CORRESPONDENCE RECEIVED FROM NBA/JNTUK/AICTE/UGC/APSCE

a) JNTUK:

27/02/2019 JNTUK - Examination Branch - Circular - Charges for cancellation of Marks Memo/PC/CMM in Adjustment of marks/Grace marks - Reg.



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27/02/2019 JNTUK - Examination Branch - Circular - MBA Project Viva-Voce - Reg.

27/02/2019 JNTUK - Examination Branch - Circular - PG Projects evaluation - Reg.

08/04/2019 JNTUK - Examination Branch - Handover of Answer Booklets - Information - requested – regarding.

06/05/2019 JNTUK - Examination Branch - Revised Rates of Remunerations 2019 of Exam works - Reg.

21/05/2019 JNTUK - Examination Branch -Notice –Evaluation - Reg.

05/09/2019 JNTUK - Examination Branch - Circular for issue of provisional certificates for all the UG/PG courses - Regarding

05/09/2019 JNTUK - Examination Branch - Circular for M.Tech/ M.Pharmacy/ MCA/MBA Courses Viva Voice Examinations - Regarding

b) NBA:

- File No: 11-84-2010-NBA, dt.28.05.2018 – Further accreditation of the program in Tier II – Compliance visit
- File. No. 11-84-2010-NBA, Dt. 20-12-2018- Visit of expert team for accreditation of MBA program.
- File No: 11-84-2010-NBA, dated 06.03.2019 - NBA Civil
- File No: 11-84-2010-NBA, dated 24.01.2019 – NBA Civil – Visit of Expert Team DD
- File No: 11-84-2010-NBA, dated 25.03.2019 – Accreditation status of MBA
- File No: 11-84-2010-NBA, dated 29.05.2019 – NBA Civil – Visit of Expert Team

c) AFRC:

- Notification dt.17.09.2018 – AFRC proposes to review and determine fee structures for all programs by 31-10-2018 at 5 P.M.
- Lr.No: Nil, dt.31.10.2018 – After meeting with APPECMA, resolved to extend time for uploading the required data up to 20.11.2018 at 5 P.M.

d) NAAC

- NAAC- NAAC/LP/A&A-RAF-AU/2019, dated. 04.02.2019-Extension of validity period
- NAAC/DO/LP/A&A-RAF-AU/2019, dated. 18.02.2019-Extension of validity period
- NAAC/WH/Cert-AU/EC-82/040/2019/, dated. 12.04.2019-Ccertificate

e) AICTE

- AICTE EoA-F.No. South-Central/1-4267219259/2019/EOA, dated. 25-Apr-2019.

f) APSCHE

- 08.06.2019 APECET-2019 I PHASE NOTIFICATION
- 19.06.2019 G.O.RT.No. 68 for Extension of Approvals / Variation in intake / 2nd shift courses in Existing Engineering, Architecture and Pharmacy Colleges in respect of Government (University)/



VIJAYARAM NAGAR CAMPUS, CHINTALAVALASA VIZIANAGARAM-535 005
08922-241199, 241732, Fax : 08922-241039, 241014 Website : www.mvgrce.edu.in





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Private Un-Aided Professional Institutions and introduction of New Courses at Under Graduate Level
for the Academic year 2019-20.

- 24.06.2019 APEAMCET-2019 I PHASE NOTIFICATION

Reviewed and recorded

5-AC-16: BOS MINUTES

Dr. A Srinivasa Kumar, Scientist-G, NSTL, has suggested to ensure that the curriculum design shall be mapped with GATE syllabus.

- Respective departments BOS already factored in the GATE syllabus in designing the curriculum.

BOS minutes of the departments of Civil, EEE, Mechanical, ECE, CSE, CHEM, IT, MBA, Mathematics, Physics, Chemistry and English were reviewed, recorded and ratified.

5-AC-17: ACADEMIC REGULATIONS(A1) OF B.TECH.

B.Tech.

Existing guidelines for promotion

- Students shall be promoted from IV semester to V semester if he/she fulfills the academic requirement of 50% credits up to IV semester from the following examinations irrespective of whether the candidate takes the examination or not.
 - Two regular and two supplementary examinations of I semester.
 - Two regular and one supplementary examinations of II semester.
 - One regular and one supplementary examinations of III semester.
 - One regular examination of IV semester.
- Students shall be promoted from VI semester to VII semester if he/she fulfills the academic requirement of 50% credits up to VI semester from the following examinations irrespective of whether the candidate takes the examination or not.
 - Three regular and Three supplementary examinations of I semester.
 - Three regular and Two supplementary examinations of II semester.
 - Two regular and Two supplementary examinations of III semester.
 - Two regular and One supplementary examinations of IV semester.
 - One regular and One supplementary examinations of V semester.
 - One regular examination of VI semester.



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Revised guidelines

- Students shall be promoted from IV semester to V semester and VI semester to VII semester subject to fulfilling the academic requirement of 40% of the credits up to IV semester and VI semester respectively.

It is resolved to consider 40% of the credits up to IV semester and VI semester respectively for promotion of students from IV semester to V semester and VI semester to VII semester for the AY:2019-20

M.TECH.

Existing guidelines for project

- Student shall publish the work in journal or International conference of repute and relevance.

A representation is received from the Department of Civil Engineering and Mechanical Engineering seeking the permission to allow the students to submit the dissertation without publishing the paper in Journal because the paper is already communicated to Scopus Index Journal and it takes 6 to 12 months for publishing. This is leading to inordinate delay in the completion of the course affecting the career prospect of the student.

Proposed guidelines

- For all cases, paper(s) communicated to Scopus indexed journals, the Project Review Committee (PRC) shall review / validate and recommend for submission of dissertation.
- It is resolved to consider the proposed guidelines for submission of M.Tech. thesis for batch passing in the year 2018-19.

PROPOSED ACADEMIC REGULATIONS (A2) OF B.TECH / M.TECH / MBA FROM THE AY 2019-20.

B.TECH:

a) PROGRAM STRUCTURE:

S.No	Category	Credits
1	Humanities and Social Sciences including Management courses	12
2	Basic Science courses	25
3	Engineering Science courses including workshop, drawing, basics of electrical/mechanical/ computer etc.,	26
4	Professional core courses	54
5	Professional Elective courses relevant to chosen specialization/branch	18
6	Open subjects – Electives from other technical and /or emerging subjects	12
7	Project work, seminar and internship in industry or elsewhere	13
8	Mandatory Courses [Environmental Sciences, Induction training, Indian Constitution, Essence of Indian Traditional Knowledge]	0
	Total	160



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1. HSS Courses: 12 Credits

S.No	Subject	Credits
1	English -I	3
2	English -2 (Technical English)	3
3	Elective-1(Management Related course (MEFA or MS or Operations Research)	3
4	Elective-2(Professional Ethics and Human Values)	3
	Total	12

2. Basic Science Courses: 25 Credits

S.No	Subject	Credits
1	Maths - 1	3
2	Maths - 2	3
3	Maths -3	3
4	Maths -4	3
5	Physics (Theory + Lab)	5
6	Chemistry (Theory + Lab)	5
7	Life Sciences	3
	Total	25

3. Engineering Science Courses : 26 Credits

S.No	Subject	Credits
1	Programming for Problem Solving (Theory + Lab)	5
2	IOT	3
3	Engineering Graphics and Design	3
4	Basic Electrical Engineering (Theory + Lab)	5
5	Department wise Engineering Science Course -1 (AI Tools & Applications)	5
6	Department wise Engineering Science Course -2 (Design thinking and product innovation)	3
7	Workshop (Department Specific)	2
	Total	26

4. Professional core courses : 54 Credits

5. Professional Elective courses relevant to chosen specialization / branch : 18 Credits

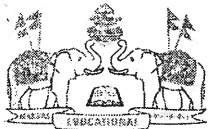
6. Open subjects – Electives from other technical and /or emerging subjects : 12 Credits

7. Projects: 13 Credits

S.No	Subject	Credits
1	Socially Relevant Project	1
2	Mini Project	2
3	Project Phase -I	2
4	Project Phase -2	8
	Total	13

8. Audit Courses (Non Credit Course)

S.No	Subject
------	---------



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1	Environmental Science
2	Constitution of India
3	Indian Traditional Knowledge

b) PROGRAM PATTERN: (B.Tech)

B.Tech. : The program is for 4 academic years / 8 semesters.

B.Tech. (Lateral Entry): The program is for 3 academic years / 6 semesters.

c) AWARD OF DEGREE:

B.TECH:

- A student shall be declared eligible for the award of degree, if he/she pursues a course of study for not less than four academic years and not more than eight academic years from the date of admission.
- The student shall register for **160** credits and secure all **160** credits.
- A student shall also register and successfully complete audit programs (Non-credit) as recommended by Academic Council.
- A student on completing 1st year class work may opt for a break of 1 year which shall be deemed as GAP year, as recommended by APSCHE, for undertaking successful entrepreneurial ventures.
- Students who fail to complete Four Years Course of study within 8 years shall forfeit their seat and their admission shall stand cancelled.

B.TECH (Lateral Entry):

- A student will be declared eligible for the award of degree on fulfilling the following academic requirements.
 - A student shall be declared eligible for the award of the degree, if he/she pursues a course of study for not less than three academic years and not more than six academic years.
 - The student shall register for **126** credits and secure all **126** credits.

d) DISTRIBUTION AND WEIGHTAGE OF MARKS:

B.TECH:

i) THEORY

- All Theory courses will have 5 units and assessed for 100 marks, of which, 40 marks for internal assessment and 60 marks for semester end examination.
- **Internal Assessment:**
- **Subjective tests – 20 Marks**
- **Objective tests - 10 Marks**
- **Assignments - 10 Marks**
 - Two subjective tests shall be conducted each for 20 Marks.



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- Each subjective test shall be conducted for 90 Minutes and have 3 questions each for 10 marks (No choice) and the same shall be scaled down to 20 Marks.
- Average of two subjective tests shall be considered.
- objective tests shall be conducted and assessed for 10 Marks.
- A student shall submit assignments and assessed for 10 marks.

Semester End Assessment:

- Semester End examination is for 60 marks (180 min). Question paper contains 5 questions (1 from each unit with internal choice). Each question carries 12 marks. A student shall answer all 5 questions.

ii). LABORATORY/PRACTICE:

All Laboratory/Practice courses are assessed for 100 marks, of which, 40 marks for internal assessment and 60 marks for Semester End Examination.

Internal assessment: (40 Marks)

- Continuous assessment: 15 Marks
- Project based learning: 15 Marks
- Internal test: 10 Marks

Semester End Assessment:

- Semester End Examination is for 60 marks (180 min) conducted and assessed by an external and internal examiners.
- Both internal and semester end examination shall include assessment of the student on
 - ☐ Knowledge of principles/concepts involved
 - ☐ Experimental design
 - ☐ Result interpretation and analysis
 - ☐ Experimental report

iii) Other specific courses

- **Computer Aided Engineering Graphics:**

Evaluation Procedure:

The course will have 5 units and assessed for 100 marks, of which, 40 marks for internal assessment and 60 marks for semester end external examination.

Internal Assessment (40 Marks)

- Continuous assessment: 15 Marks
- Project based learning: 15 Marks
- Internal test: 10 Marks
- Semester End Assessment:



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Semester End Examination is for 60 marks (180 min) conducted and assessed by both external and internal examiners.

Question paper contains 3 questions (with internal choice). Each question carries 20 marks (5 marks for free hand drawing and list of commands & 15 marks for drawing prepared in AUTOCAD). A Student shall answer all questions.

- Out of 20 marks of each question, 5 marks for rough sketches, list of commands and remaining 15 marks for final drawings.

➤ Modeling and Assembly of Mechanical Elements:

Evaluation Procedure:

The course will have 5 units and assessed for 100 marks, of which, 40 marks for internal assessment and 60 marks for semester end external examination.

Internal Assessment (40 Marks)

- Continuous assessment: 15 Marks
- Project based learning: 15 Marks
- Internal test: 10 Marks

➤ Semester End Assessment:

Semester End Examination is for 60 marks (180 min) conducted and assessed by both external and internal examiners.

- Semester end examination shall include assessment of the student on Final drawings like modeling, assembly and drafting.
- Student is expected to execute one exercise.
- Final drawings like modeling, assembly and drafting hard copies shall be evaluated by both internal and external examiners.

e) INTEGRATED COURSE (THEORY + LAB):

- Theory and Lab shall be assessed for 200 Marks (Each 100 marks)
- For Integrated course, the theory shall be assessed for 100 marks, of which 40 marks for internal assessment and 60 marks for semester end examination.
- The Lab shall be assessed for 100 marks, of which, 40 marks for internal assessment and 60 marks for semester end examination

f) SOCIALLY RELEVANT PROJECT:

- A student shall identify and provide a solution to the problem relevant to Society/Profession/Industry.



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- A student shall engage at least 15 hours on socially relevant project. Socially relevant project shall be evaluated internally for 50 marks by Project Review Committee (PRC). PRC comprising of HoD, department Academic Coordinator, R&D member of the department, one senior faculty and guide shall review the progress.

g) MINI PROJECT:

- A student shall undergo internship for a period of 4 weeks / provide a solution to the problem relevant to Industry /Modern tool during the vacation after VI semester and submit a comprehensive report.
 - Mini project shall be evaluated internally for 50 marks by Project Review Committee (PRC).
 - PRC shall prepare rubrics for assessment.

h) PROJECT EVALUATION:

- Project is divided into 2 phases – Phase I & Phase II
- Evaluation shall comprise of internal and external assessment.
- Internal: **110** (Phase – I 50 Marks, Phase – II 60 Marks)
- External: **90**
- A project Review committee (PRC) comprising of HoD, department Academic Coordinator, R&D member of the department, one senior faculty and guide shall review the progress once in four weeks.

PROJECT PHASE I:

- Project Phase I shall be evaluated internally by PRC for 50 Marks.
- A student shall undertake a project phase I during the VII semester.
- A student shall report to the guide/external supervisor and work under his supervision at least 2 hours per week.
- Assessment shall be on
 - Literature review
 - Identification and statement of the Problem

PROJECT PHASE II:

- A student shall undertake a project phase II during the VIII semester.
- A student shall report to the Guide / External supervisor and work under his supervision at least 8 hours per week.
- Internal evaluation shall be done by HoD, department Academic Coordinator, R&D member of the department, one senior faculty and guide for 60 marks.
- Semester End Evaluation shall be done by HoD, Guide/Internal Examiner and External Examiner for 90 marks.
- Assessment shall be on



- Review on fundamental knowledge involved
- Inter disciplinary aspect
- Experimental/methodology design
- Result analysis and interpretations
- Report writing
- Team work
- Presentation
- Viva-voce

B.TECH (Lateral Entry):

- The rules and regulations for candidates admitted under lateral entry category for 2nd, 3rd and 4th years of study shall be same as applicable to regular B.Tech. students.

i) ATTENDANCE REGULATIONS:

B.TECH:

- A student shall be eligible to appear for end semester examinations, if he or she acquires a minimum of 75% of attendance in aggregate of all the subjects (Theory & Lab.) for the semester.
- Condonation of shortage of attendance in aggregate up to 10% (65% and above and below 75%) may be granted by the college academic committee.
- Shortage of attendance below 65% in aggregate of all the subjects (Theory & Lab.) for the semester Shall not be condoned.
- Detained student shall seek re- admission for that semester when offered within 4 weeks from the date of commencement of class work.

j) PROMOTION RULE (Based on attendance):

- A Student shall be promoted to the next semester on fulfillment of minimum attendance requirement (75%) of current semester.

PROMOTION RULE (Based on credits):

- A student shall be promoted from IV semester to V semester if he fulfills the minimum attendance requirement (75%) and academic requirement of 40% of credits up to IV semester from the following examinations irrespective of whether the candidate takes the examination or not.
 - Two regular and Two supplementary examinations of I semester
 - Two regular and One supplementary examinations of II semester
 - One regular examination and One supplementary examination of III semester
 - One regular examination of IV semester.



- A student shall be promoted from VI semester to VII semester if he fulfills the minimum attendance requirement (75%) and academic requirement of 40% of credits up to IV semester from the following examinations irrespective of whether the candidate takes the examination or not.
 - Three regular and Three supplementary examinations of I semester
 - Three regular and Two supplementary examinations of II semester
 - Two regular and Two supplementary examinations of III semester
 - Two regular and One supplementary examinations of IV semester
 - One regular and One supplementary examination of V semester
 - One regular examination of VI semester.

B.TECH (Lateral Entry):

PROMOTION RULE (Based on attendance):

A Student shall be promoted to the next semester on fulfillment of minimum attendance requirement of current semester.

PROMOTION RULE (Based on credits):

A student shall be promoted from VI semester to VII semester if he fulfills the minimum attendance requirement (75%) and academic requirement of 40% of credits up to VI semester from the following examinations irrespective of whether the candidate takes the examination or not.

- Two regular and Two supplementary examinations of III semester
- Two regular and one supplementary examinations of IV semester
- One regular and One supplementary examinations of V semester
- One regular examination of VI semester.

k) MINIMUM ACADEMIC REQUIREMENTS:

THEORY / LAB

- A student is deemed to have satisfied the minimum academic requirements for a course on securing at least 24 marks out of 60 marks at semester end examination and overall minimum of 40 marks out of 100 marks including internal assessment.

INTEGRATED COURSE (THEORY + LAB):

- A student is deemed to have satisfied the minimum academic requirements for a course on securing at least 24 marks out of 60 marks at semester end examination and overall minimum of 40 marks out of 100 marks including internal assessment independently for Theory and Laboratory course. Otherwise the student has to appear for supplementary examination of the both theory and lab.



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- The assessment shall be done independently for both theory and laboratory courses and final marks shall be calculated on weighted average method for converting marks into grade points.

Sample calculation:

Integrated course - 5 credits. Theory is for 3 credits and laboratory is for 2 credits.

Total Marks obtained in theory : 70 out of 100 (3 Credits)

Total Marks obtained in Lab : 90 out of 100 (2 Credits)

Final marks of the Integrated course is: $(70 \times 3 + 90 \times 2) / 5 = 78$ Marks

I) GRADING SYSTEM

$$SGPA = \frac{\sum(\text{course credits earned} \times \text{Grade points})}{\sum(\text{Total course credits in the semester})}$$

$$CGPA = \frac{\sum(\text{course credits earned} \times \text{Grade points}) \text{ up to successfully completed semesters}}{\sum(\text{Total course credits up to successfully completed semesters})}$$

The UGC recommends a 10-point grading system with the following letter grades:

O (Outstanding)	10
A+ (Excellent)	9
A (Very Good)	8
B+ (Good)	7
B (Above Average)	6
C (Average)	5
P (Pass)	4
F (Fail)	0
Ab (Absent)	0

m) AWARD OF CLASS:

Eligible Candidates for the award of B.Tech. Degree shall be placed in one of the following Classes based on CGPA.

Class	CGPA
Distinction	≥ 7.5
First Class	≥ 6.5
Second Class	≥ 5.5
Pass class	≥ 4.5

n) INSTRUCTION DAYS :

A semester shall have a minimum of 90 clear instruction days.

o) TRANSFERS FROM OTHER INSTITUTIONS SHALL NOT BE PERMITTED



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p) SUPPLEMENTARY EXAMINATIONS :

Supplementary examinations shall be conducted within 4 weeks from the date of announcement of results of regular examinations.

q) WITHHOLDING OF RESULTS

The result of a student shall be withheld

- If the student has not paid the dues, if any, to the institution.
- If any case of pending disciplinary action
- Involvement in any sort of malpractices etc.
- Involvement in ragging.

p) TRANSITORY REGULATIONS

A Candidate shall be readmitted from University regulations to A1 regulations or from A1 regulations to A2 regulations as per the guide lines of JNTUK.

Dr Shiv Kumar, CEO, Mapple software, has suggested to increase the number of choices from 4 to 6 or 7 in Multiple choice questions of Quiz examinations.

- It is resolved to explore the possibility of increasing the number of choices from 4 to 6 or 7 in Multiple choice questions of Quiz examinations while developing the database for quiz examinations.

M.TECH:

a) PROGRAM STRUCTURE:

S.No	Category	Credits
1	Program core courses	16
2	Program Elective courses	19
3	Open Electives	3
4	Research Methodology and IPR	2
5	Mini Project with seminar	2
6	Dissertation / Industrial Project	26
	Total	68

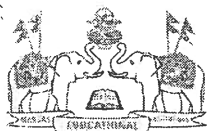
b) PROGRAM PATTERN

The program is for 2 academic years - 4 semesters.

c) AWARD OF DEGREE:

A student will be declared eligible for the award of degree if he/she fulfills the following academic regulations.

- A student shall be declared eligible for the award of the degree, if he/she pursues a course of study for not less than Two academic years and not more than Four academic years.
- A student shall register for 68 credits and secure all 68 credits.



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- Students who fail to complete their Two Years Course of study within Four years shall forfeit their seat and their admission stand cancelled.

d) DISTRIBUTION AND WEIGHTAGE OF MARKS:

i) THEORY:

All Theory courses will have 5 units and assessed for 100 marks, of which, 40 marks for internal assessment and 60 marks for semester end external examination.

Internal Assessment:

- **Subjective tests – 30 Marks**
- **Assignments - 10 Marks**
 - Two subjective tests shall be conducted each for 30 Marks.
 - Each subjective test shall be conducted for 90 Minutes and have 3 questions each for 10 marks (No choice) .
 - Average of two subjective tests shall be considered as performance in internals.
 - Assignments shall be assessed for 10 marks.

Semester End Assessment:

- Semester End examination is for 60 marks (180 min). Question paper contains 5 questions (one from each unit with internal choice). Each question carries 12 marks. A student shall answer all 5 questions.

ii) LABORATORY/PRACTICE:

All Laboratory/Practice courses are assessed for 100 marks, of which, 40 marks for internal assessment and 60 marks for Semester End Examination.

Internal assessment: (40 Marks)

- Continuous assessment: 20 Marks
- Internal test: 20 Marks

Semester End Assessment: (60 Marks)

- Semester End Examination is for 60 marks (180 min) conducted and assessed by both external and internal examiners.
- Both internal and semester end examination shall include assessment of the student on
 - ☐ Knowledge of principles/concepts involved
 - ☐ Experimental design
 - ☐ Result interpretation and analysis
 - ☐ Experimental report

iii) DRAWING/DESIGN/ESTIMATION:



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These courses are assessed for 100 marks, of which, 40 marks for internal assessment and 60 marks for semester end examination.

- Continuous assessment for 20 marks for each unit finally averaged to 20 marks.
- Two internal assessment tests are conducted during the semester which shall be assessed for another 20 marks by taking the average.

iv) **Research Methodology & IPR** shall be evaluated internally for 50 marks by PRC at the end of I semester

v) **Mini Project with Seminar** shall be evaluated internally for 50 marks by PRC in the II semester

vi) For **audit course** a student shall fulfill the minimum contact hours, as prescribed by the PRC and shall also comply with the requirements for submission of assignments/projects/reports. Student shall also opt for MOOCs and submit the certificate after completion of the course.

vii) **PROJECT EVALUATION:**

Duration is TWO semesters – Minimum of 40 weeks period is mandatory to submit.

- PRC includes HOD and two other senior faculties, one being the guide.
- To register for project work, a student shall complete all the course work requirements of I and II semesters.
- The progress of the work shall be periodically reviewed by PRC.
- The PRC shall authorize /approve change of guide/topic/title as deemed fit.
- A student shall submit Status Report in line with the recommended project calendar as approved by PRC.
- Student has to submit draft copy of thesis/dissertation to PRC, and also shall make an oral presentation. He/she shall publish the work in journal or international conference of repute and relevance.
- A student shall make 5 copies of PRC approved work and submit.
- Candidates who have successfully passed all the I and II semester courses shall be eligible for submitting the thesis.
- The thesis shall be adjudicated by the internal and external examiners in the presence of Head of the department.
- Student shall be examined for his contributions, knowledge along with the quality of the work through presentations and Viva-voce.
- The assessment of work shall be done on the following lines:
 - **Project phase -I** which includes Problem definition, Literature survey, tool specific knowledge shall be evaluated internally for 100 marks by PRC at the end of III semester.
 - **Project phase II** shall be evaluated for 300 marks at the end of IV semester. Out of 300 marks, 150 marks shall be evaluated internally by PRC and remaining 150 marks shall be evaluated externally by the internal and external examiner.



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- The evaluation of Project phase II shall be made on the following aspects.
 - Experimental/methodology design
 - Result analysis and interpretations
 - Report writing
 - Presentation
 - Viva-voce

e) ATTENDANCE REGULATIONS:

- A student shall be eligible to appear for end semester examinations, if he or she acquires a minimum of 75% of attendance in aggregate of all the subjects (Theory & Lab.) for the semester.
- Condonation of shortage of attendance in aggregate up to 10% (65% and above and below 75%) in each semester may be granted by the college academic committee.
- A Student shall not be promoted to the next semester unless he/she fulfills the attendance requirement (75%) of the current semester.
- Detained student may seek re- admission for that semester when offered.

f) MINIMUM ACADEMIC REQUIREMENTS:

- A student is deemed to have satisfied the minimum academic requirements for a course on securing at least 24 marks out of 60 marks at semester end examination and overall minimum of 50 marks out of 100 marks including internal assessment.

g) AWARD OF CLASS:

Eligible candidates for the award of M.Tech. Degree shall be placed in one of the following Classes based on CGPA.

Class	CGPA
Distinction	≥ 7.5
First Class	≥ 6.5
Pass Class	≥ 5.5

h) TRANSFERS FROM OTHER INSTITUTIONS SHALL NOT BE PERMITTED.

i) SUPPLEMENTARY EXAMINATIONS:

Supplementary examinations shall be conducted along with regular examinations.

j) WITHHOLDING OF RESULTS :

The result of a student shall be withheld

- If the student has not paid the dues, if any, to the institution.
- If any case of pending disciplinary action
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- Involvement in ragging



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k) TRANSITORY REGULATIONS

A Candidate shall be readmitted from University regulations to A1 regulations or from A1 regulations to A2 regulations as per the guide lines of JNTUK.

MBA:

a) PROGRAM STRUCTURE:

S.No	Category	Credits
1	First year (I and II Semesters)	54 Credits of Core courses
2	Second year (III and IV Semesters)	42 Credits of Electives
3	Internship/Field work	06 Credits
	Total	102

b) PROGRAM PATTERN

The program is for 2 academic years - 4 semesters.

c) AWARD OF DEGREE

A student will be declared eligible for the award of degree if he/she fulfills the following academic regulations.

- A student shall be declared eligible for the award of the degree, if he/she pursues a course of study for not less than Two academic years and not more than Four academic years.
- The student shall register for **102** credits and secure all **102** credits.
- Students who fail to complete their Two Years Course of study within Four years shall forfeit seat and admission shall stand cancelled.

d) DISTRIBUTION AND WEIGHTAGE OF MARKS:

i) THEORY:

All Theory courses will have 5 units and assessed for 100 marks, of which, 40 marks for internal assessment and 60 marks for semester end external examination.

Internal Assessment:

- **Subjective tests** – 20 Marks
- **Assignments, Mini Reports, Quiz** - 20 Marks
 - Two internal assessments tests (120 min each), for each theory course are conducted over the period of the semester, one in the middle and the other at the end and the performances are averaged for 20 marks.
 - An internal assessment test shall have 4 questions each for 10 marks, all questions to be answered. The same shall be scaled down to 20 Marks
 - Assignment / Mini Report / quiz shall be assessed for 20 marks



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Semester End Assessment:

- Semester End examination is for 60 marks (180 min). Question paper contains 5 questions (1 from each unit with internal choice). Each question carries 12 marks. A student shall answer all 5 questions.

ii) LABORATORY/PRACTICE:

All Laboratory/Practice courses are assessed for 100 marks, of which, 40 marks for internal assessment and 60 marks for Semester End Examination.

Internal assessment: (40 Marks)

- Continuous assessment: 20 Marks
- Internal test: 20 Marks

Semester End Assessment: (60 Marks)

- Semester End Examination is for 60 marks (180 min) conducted and assessed by both external and internal examiners.
- Both internal and semester end examination shall include assessment of the student on
 - ☐ Knowledge of principles/concepts involved
 - ☐ Experimental design
 - ☐ Result interpretation and analysis
 - ☐ Experimental report

iii) DRAWING/DESIGN/ESTIMATION:

These courses are assessed for 100 marks, of which, 40 marks for internal assessment and 60 marks for semester end examination.

Continuous assessment for 20 marks for each unit finally averaged to 20 marks.

Two internal assessment tests are conducted during the semester which shall be assessed for another 20 marks by taking the average.

iv) PROJECT EVALUATION:

- A student shall take a project at the end of II semester.
- A Project Review Committee (PRC) is constituted at the end of the second semester.
- PRC includes HOD and two other senior faculties, one being the guide.
- To register for project work, a student shall complete all the course work requirements of I and II semesters.
- The progress of the work shall be periodically reviewed by PRC.
- The PRC shall authorize /approve change of guide/topic/title as deemed fit.
- A student shall submit Status Report in line with the recommended project calendar as approved by PRC.



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- Project is evaluated for 200 marks at the end of IV semester.
- A student shall report to the guide/external supervisor and work under his supervision at least 30 hours per week for 6 weeks at the end of second semester.

Also, a student shall engage a minimum of 2 hours per week in III and IV semester in consolidating the data, report writing, results & analysis, conclusions etc. Evaluation shall comprise of internal and Semester End assessment.

Internal: 80

External: 120

- A project committee comprising of HoD, department Academic Coordinator, R&D member of the department, One senior faculty and guide shall review the progress once in four weeks.
- Internal assessment shall be done by HoD, department Academic Coordinator, R&D member of the department, One senior faculty and guide for 80 marks.
- External assessment shall be done by HoD, Guide/Internal Examiner and External Examiner for 120 marks.
- Assessment shall be on:
 - Problem definition
 - Literature review
 - Review on fundamental knowledge involved
 - Inter disciplinary aspect
 - Experimental/methodology design
 - Result analysis and interpretations
 - Report writing
 - Presentation
 - Viva-voce

e) ATTENDANCE REGULATIONS:

- A student shall be eligible to appear for end semester examinations, if he or she acquires a minimum of 75% of attendance in aggregate of all the subjects (Theory & Lab.) for the semester.
- Condonation of shortage of attendance in aggregate up to 10% (65% and above and below 75%) in each semester may be granted by the college academic committee on medical/health grounds.
- A Student shall not be promoted to the next semester unless he/she fulfills the attendance requirement (75%) of the semester.
- Detained student may seek re- admission for that semester when offered.
- To appear for end laboratory examination a candidate shall put up a minimum of 75% attendance for regular lab sessions.

f) MINIMUM ACADEMIC REQUIREMENTS:



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- A student is deemed to have satisfied the minimum academic requirements for a course on securing at least 24 marks out of 60 marks at semester end examination and overall minimum of 40 marks out of 100 marks including internal assessment.

g) AWARD OF CLASS:

Eligible candidates for the award of MBA Degree shall be placed in one of the following Classes based on CGPA.

Class	CGPA
Distinction	≥ 7.5
First Class	≥ 6.5
Pass Class	≥ 5.5

h) INSTRUCTION DAYS

A semester shall have a minimum of 90 clear instruction days.

i) TRANSFERS FROM OTHER INSTITUTIONS SHALL NOT BE PERMITTED.

j) SUPPLEMENTARY EXAMINATIONS

Supplementary examinations shall be conducted along with regular examinations.

k) WITHHOLDING OF RESULTS

The result of a student shall be withheld

- If the student has not paid the dues, if any, to the institution.
- If any case of pending disciplinary action
- Involvement in malpractices etc.
- Involvement in ragging .

l) TRANSITORY REGULATIONS

A Candidate shall be readmitted from University regulations to A1 regulations or from A1 regulations to A2 regulations as per the guide lines of JNTUK.

5-AC-18:.. ANY OTHER ITEM WITH THE PERMISSION OF THE CHAIRMAN

- To Conduct B.Tech. Special supplementary examination for odd semester (B.tech. I ,III,V & VII sem)

Many representations have been received from B.Tech students admitted in the academic year 2015-16 and governed by A1 Regulations for the conduct of Special Supplementary Examinations in Odd / Even semester, which will enable them to clear backlog subjects and get eligibility for the award of B.Tech degree.



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As per the Academic Calendar, the supplementary examinations of all odd semesters shall be conducted along with Regular Examinations. The students who are having one or two backlogs in all odd semesters have to wait for 6 months to write the examinations.

If the students are given the opportunity to write Odd Semesters examinations in the month of July / August by conducting Special Supplementary examinations, it enables the students to acquire the eligibility for the award of degree subjected to pass in the backlog subjects.

It is resolved to:

- Conduct Special Supplementary Examinations for candidates having backlogs in Odd Semester (I, III, V & VII)
 - Students having not more than 02 (two) backlogs (in all odd semesters) are eligible to apply for the Special Supplementary Examinations.
- To Conduct special supplementary examination for MBA

Many representations have been received from MBA students admitted in the academic year 2017-18 and governed by A1 Regulations for the conduct of Special Supplementary Examinations in Odd / Even semester, which will enable them to clear backlog subjects and become eligible for the award of MBA degree.

As per the Academic Calendar, the supplementary examinations of all odd semesters shall be conducted along with Regular Examinations. The students with not more than 2 backlogs in all odd semesters have to wait upto one year to write the examinations.

If the candidates are given the opportunity to write Odd Semesters examinations in the month of July / August by conducting Special Supplementary examinations, it enables the students to become eligible for the award of degree subject to pass in the backlog subjects.

It is resolved to Conduct Special Supplementary Examinations for candidates having backlogs in Odd Semester (I, III).


(Dr. Y M C Sekhar)
Member Secretary


(Dr. K V L Raju)
Chairman

09/02/2019


Maharaj Vijayarajam Gopffellur Raj College of Engineering (A),
Vizianagaram 4th Academic Council Meeting held in the
Institution Premises on 09/02/2019 at 11 A.M.


Members Present:-

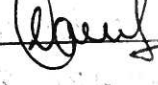
- (1) Dr. K.V.L. Raju - chairman -
Principal
- (2) Dr. A. Malharajunad - Member
DAP, INIUK, Kakinada.
- (3) Dr. R. Srinivasa Rao - Member
Director, Evaluation, INIUK.
- (4) Dr. J.S.N. Rath - Member
Senior Hostel Manager
Centre for Sustainable Development Goals
AP HRD Institute, Bapatla, A.P.
Former Chief Engineer, S & CAD
Past Chairman, IET-TEC, Hyderabad.
- (5) Mr. G.S. Shiv Kumar, CEO - Member
Maple Software Pvt. Ltd. VSP.
- (6) Dr. A. Srinivasa Kumar - Member
Associate Director, NISTE
Vizianagaram.


(7) Mr A. Mohan Fernando — Member —
Head - HR Mobilization cell (HRMC)
Corporate centre,
L&T Construction
CRR Centre, Third Floor,
Chennai - 600 089.

(8) Mr. B. Ravati Kasturi, CEO — Member —
L&T Job Skills Academy Ltd
Bangalore

(9) Dr. Ch. Purushandra Rao — Member — 
Dean - A&E, MVGRCE (A)
HOD - Maths

(10) Dr. R. Ramiah — Member — 
Dean - P&D, MVGRCE (A)

(11) Dr. P. Ravindranath — Member — 
Dean - SP, MVGRCE (A)

(12) Dr. M. Sunil Prakash — Member — 
Dean - Training & Placement, MVGRCE (A)

(13) Dr. T.V.N.P. Sarathi — Member —
Dean - Examinations, MVGRCE (A)
HOD - Chemistry

(14) Mr S. Mohan Kumar — Member —
Dean - Students & HOD (English)
MVGRCE (A)

(15) Dr. K. Rajendra Rao - Member Rao
Dean - C&E, MVGRCE(A) 9/12/19

(16) Dr. D.R. Ramesh Raju - Member
Dean - Faculty Development, MVGRCE(A)

(17) Dr. S. Adinarayana - Member
HOD - Mechanical, MVGRCE(A)

(18) Dr. K.S.S. Rama Raju - Member Ramraj
HOD - MBA, MVGRCE(A)

(19) Dr. R. Ramana Reddy - Member Ramu
HOD - EEE, MVGRCE(A) 9/12/19

(20) Dr. V. Nagi - Member Nagar
HOD - IT, MVGRCE(A)

(21) Dr. Satish Kumar Sahu - Member
HOD - EEE, MVGRCE(A)

(22) Dr. C. Kalpana Chakraborty - Member. C.K. Chakraborty
HOD - CSE, MVGRCE(A)

(23) Dr. P. Markandeya Raju HOD - Civil, Grad - Member Markandeya

(24) Dr. Ch. V. Subba Rao, HOD - Chemical, Grad - Member Chandra

(25) Dr. G. Praveen Reddy, HOD - Physics - Member G. Praveen Reddy

(26) Dr. Y.H.C. Sekhon - Member Secretary Y.H.C. Sekhon
HOD - Academic (Academic)
MVGRCE(A)



Minutes of meeting of Academic Council

A Meeting of the Academic Council is held on 09.02.2019 at 11.00 AM at Conference hall, Admin. Block. The following were present:

- | | |
|---|----------|
| 1. Dr. K. V. L. Raju
Principal | Chairman |
| 2. Dr. A.M.Prasad
Director – Academics & Planning, JNTUK, Kakinada | Member |
| 3. Dr. R.Srinivasa Rao
Director of Evaluation, JNTUK, Kakinada | Member |
| 4. Mr. A. Mohan Fernando
Head - HR Mobilization Cell (HRMC), Corporate Centre
L & T Construction, CRR Centre, Third Floor, Chennai. | Member |
| 5. Dr. I. S. N. Raju
Chairman – Elect
The Institution of Engineers (India), A.P. State Centre | Member |
| 6. Mr. G. S. Shiv Kumar
CEO, Maple Software Pvt. Ltd, Visakhapatnam | Member |
| 7. Dr. A. Srinivasa Kumar
Associate Director, NSTL, Visakhapatnam | Member |
| 8. Miss. Revathi Kasturi
CEO, Laqsh Job skills Academy Ltd, Bangalore | Member |
| 9. Dr. Ch. Purnachandra Rao
Dean – A&E | Member |
| 10. Dr. R. Ramesh
Dean – R & D | Member |
| 11. Dr. P. Ravindranath
Dean – Strategic Planning | Member |
| 12. Dr. D. R. Prasada Raju
Dean – Faculty Development | Member |
| 13. Dr. M.Sunil Prakash
Dean – Training & Placement | Member |



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14. Dr. T. V. N. Partha Sarathi Dean – Examinations	Member
15. S. Mohan Kumar Dean – Students	Member
16. Dr. K.Rajeswara Rao Dean - CI	Member
17. Dr. S. Adinarayana HOD – Mechanical	Member
18. Dr. K. S. S. Rama Raju HOD – MBA	Member
19. Dr. R. Ramana Reddy HOD – ECE	Member
20. Dr. V. Nagesh HOD – IT	Member
21. Dr.C.Kalyan Chakravarthy HOD – CSE	Member
22. Dr. Sarat Kumar Sahu HOD – EEE	Member
23. Dr. P.Markandeya Raju HOD – Civil	Member
24. Dr. Ch. V. Subba Rao HOD – Chemical	Member
25. Dr. G.Srinivasa Reddy HOD – Physics	Member
26. Dr. Y. M. C. Sekhar Vice-Principal (Academics)	Member Secretary

Dr. K V L Raju, Chairman (AC) and Principal chaired the meeting and welcomed all the members to the fourth Academic Council meeting of MVGR College of Engineering (A) after conferment of Autonomous status.



The following agenda was taken up for discussion:

1. Compliance to minutes of the last academic council meeting
2. Accreditations and status of current academic programs
3. New labs/ Infrastructure Developed
4. Building Infrastructure
5. Human resources
6. Learning resources
7. FDP's conducted /to be conducted/ attended
8. Research and higher learning, Achievements
9. Funded projects
10. Student academic performance
11. Student performance (Co-Curricular & Extra- Curricular)
12. Awards / scholarships / sponsorships
13. Training & Placements
14. Introduction of new programs / additional intake / closure /
Certification for the AY 2019-20
15. Correspondence received from NBA/JNTUK/AICTE/UGC/APSCH
16. Minutes of BOS
17. Academic regulations of B.Tech.
18. Any other item with the permission of the chairman



The minutes of meeting:

4-AC-1: COMPLIANCE TO MINUTES OF THE LAST ACADEMIC COUNCIL MEETING

Dr. P. Subba Rao, Director of Evaluation, JNTUK-Kakinada has suggested the following:

1. To ensure that questions in the question paper cannot be repeated frequently
 - The Institution has developed software for generation of question paper by considering three levels of Bloom's Taxonomy (Knowledge, Understanding, Application). The software is designed in such a way that, the questions shall not be repeated.
2. To explore the possibility for accreditation of PG courses (M.Tech and MBA)
 - Accreditation visit for MBA program was completed on 5th & 6th of Jan-2019 and waiting for result. The M.Tech programs are designed for specializations which will meet the industry requirements. These specializations shall be changed for every 3 to 4 years basing on the industry requirement. Accreditation of M.Tech. programs is not viable due to periodical changes in the specializations.
3. To offer MOOCs to other Institutions.
 - The Institution is in the process of establishing Digital Studio for developing MOOCs by internal faculty. After completion of that the same can be extended to other Institutions.
4. To submit the details of readmitted candidates (under Autonomy stream) to University for ratification.
 - The Institution has submitted the details of readmitted candidates and transitory regulations to University on 25 - 09 -2017 for ratification.
 - A meeting was held with all Principals of Autonomous Colleges on 16-10-2018 to discuss the issues related to Autonomous Colleges.
 - Dr. P Subba Rao, Director of Evaluation, JNTUK informed that the students readmitted from University regulations to Autonomous regulations will be continued in the Autonomous regulations stream.
 - Also informed that the link will be provided in the portal to upload the courses registered by the students under Autonomy.
 - The link was provided by the University on 22-12-2018 and 1,27,602 courses opted by the students on rolls for all years were registered.
5. To explore the possibility of Online testing methods for Internal Assessment.
 - The Institution is in the process of installation of Learning Management System for evaluation (Moodles). The same shall be considered for implementation with effect from AY 2019-20.

Reviewed and recorded.



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- ☐ MVGR is a 21 years old institution, established in 1997
- ☐ All eligible UG Programs(CHEMICAL, CIV, CSE, ECE, EEE, IT & MECHANICAL) were re-accredited by NBA.
- ☐ MBA program was also accredited by NBA.
- ☐ Had been re-accredited with Grade 'A' by NAAC of UGC
- ☐ Has Permanent affiliation with JN Technological University-Kakinada
- ☐ Listed under sections 2(f) & 12(b) of UGC act 1956.
- ☐ Approved by AICTE-New Delhi
- ☐ EIGHT departments are recognized as RESEARCH CENTERS by JNTU-K
- ☐ Granted Autonomy by UGC in 2015
- ☐ Campus of 60 acre
- ☐ Offering 7 UG and 7 M.Tech and 1 MBA program
- ☐ About 245 faculty of which 75 Ph.D. Degree holders
- ☐ 83 Laboratories with an investment of about 13 crores
- ☐ Total built up area of about 7 Lakh sft
- ☐ About 42,000 volumes and Access to 8 international online journal packages like IEEE, SPRINGER, etc.
- ☐ 1420 Systems & 300 MbPS band width internet facility
- ☐ About Rs. 4 crore worth of on-going R&D projects
- ☐ Actively involved in civil engineering consultancy work as Third Party Quality Auditor for Vizianagaram Municipality
- ☐ WIPRO Recognized technology learning center and MISSION 10X partner institution
- ☐ Recognized National Instruments Academy for Training in LabView
- ☐ Recognized PTC Centre of Excellence for Creo Training
- ☐ Identified by MSME as Business Incubation Centre
- ☐ APSSDC-Siemens Technical Skill Development Institute
- ☐ Recognized CMs SKILL EXCELLENCY CENTER (SEC)
- ☐ Microsoft Ed-vantage Platinum Partner
- ☐ Institutional member of IUCEE
- ☐ Institutional Member of CII
- ☐ Member, Chamber of Commerce, Vizianagaram
- ☐ Green Campus award by Govt. of AP



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4-AC-2: ACCREDITATIONS AND STATUS OF CURRENT ACADEMIC PROGRAMS

NBA:

- All the 7 B.Tech. programs offered by the Institution were accredited by NBA

Program of accreditation		Status of accreditation					
		Cycle -I		Cycle -II		Cycle -III	
		Status	Years	Status	Years	Status	Years
1	B.Tech. CHEM	Accredited	3 Ys from 13.03.2009	Accredited	5 Ys from 01.07.2015	Accredited	5 Ys from 01.07.2015
2	B.Tech. CSE	Accredited	3 Ys from 10.02.2009	Accredited	3 Ys from 01.07.2015	Accredited	3 Ys from 01.07.2018
3	B.Tech. ECE	Accredited	3 Ys from 13.03.2009	Accredited	3 Ys from 01.07.2015	Accredited	3 Ys from 01.07.2018
4	B.Tech. EEE	Accredited	3 Ys from 10.02.2009	Accredited	3 Ys from 01.07.2015	Accredited	3 Ys from 01.07.2018
5	B.Tech. IT	Accredited	3 Ys from 10.02.2009	Accredited	3 Ys from 01.07.2015	Accredited	3 Ys from 01.07.2018
6	B.Tech. MECH	Accredited	3 Ys from 10.02.2009	Accredited	3 Ys from 01.07.2015	Accredited	3 Ys from 01.07.2018
7	B.Tech. Civil	-	NOT ELIGIBLE	Accredited	3 Ys from 01.07.2016	UNDER PROCESS	
8	MBA	Accredited	3 Ys from 04.01.2013	Visit is completed on 5 th & 6 th Jan 2019 and waiting for result			

NAAC:

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC)

- It is an Institutional accreditation
- The Institution has been accredited since 2009

S.No.	Cycle	Period	Grade
1	Cycle I	Five years from 15.06.2009	A
2	Cycle II	Five years from 03.03.2015	A

UGC - AUTONOMOUS STATUS

- The Institution was granted autonomous status by University Grants Commission (UGC) conferred by JNTUK - valid from 2015-16 to 2020-21.

B.Tech. PROGRAMS

- Chemical Engineering
- Computer Science & Engineering

INTAKE

: 60
: 180



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- Civil Engineering : 120
- Electronics & Communication Engineering : 180
- Electrical & Electronics Engineering : 120
- Information Technology : 60
- Mechanical Engineering : 180

M.Tech. PROGRAMS

- Product Design & Manufacturing : 18
- Data Sciences : 18
- VLSI : 18
- Computer Networks & Information Security : 18
- Structural Engineering : 18
- Power Systems : 18
- Communication Systems : 18

Other PG PROGRAMS

- Master of Business Administration : 120

Ph.D.

- Mechanical, Chemical, ECE & CSE
- EEE, CIVIL, MBA* & MATHS

The status of Accreditations and current academic programs being offered are reviewed and recorded

4-AC-3: NEW LABS/ INFRASTRUCTURE DEVELOPED

The following new laboratory / Infrastructure has been established during the AY 2017-18 based on curricular changes, aging, Technological obsolescence and requirements of additional skill development.

S.No	Department & Laboratories (AY-2017-18)	Cost
1	Civil Engineering :Survey, Engineering Geology, Environmental Engineering , Concrete Technology, GeoTechnical Engineering Labs	22,88,661
2	Electrical & Electronics Engineering : Electrical Machines & Power Electronics Labs	8,54,029
3	Mechanical Engineering: Robotics & CNC lab	12,33,082
4	Electronics and Communication Engineering: Digital & Analog Communications, ECAD, Microwave & Optical Communications, DSP, IC/PDC & EDC Labs	64,66,568
5	Computer Science & Engineering : Godel Lab	11,01,356
6	Digital Library (120 Computer Systems)	48,00,000
Total Investment		1,67,43,69

Reviewed and recorded



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4-AC-4: BUILDING INFRASTRUCTURE

Existing Built up area

S.No	Name of the Building	Area
1	MECHANICAL BLOCK	49,453
2	CSE BLOCK	48,743
3	ECE BLOCK	47,936
4	EEE BLOCK	47,742
5	CIVIL BLOCK	63,011
6	PG BLOCK	33,173
7	ADMIN BLOCK	19,067
8	LIBRARY BLOCK	6,004
9	S & H BLOCK	5,423
10	BANK	2,100
11	SRI GANESH TEMPLE	699
12	GENERATOR ROOM	678
13	GIRLS HOSTEL	65,195
14	MAIN GATE	2,098
15	AMENITIES	2,195
16	WORK SHOPS	33,162
17	SERVENT QUARTERS	1,614
18	CIVIL SF (Chemical)	21,004
19	OFFICE:	2,475
20	GIRLS HOSTEL-C BLOCK	18,260
21	OTHERS	15,645
22	Services Block (Guest Rooms)	2,250
23	Gym	6,600
24	Parking Sheds	1,000
	TOTAL	4,95,527

Built up area : 2017-18

S.No	Name of the Building	Total
1	Boys Hostel	1,65,000
2	Central Library	46,200
3	Bank	1,200
	TOTAL	2,12,400

Total Built Up Area = 7,07,927 sfts

Proposed Built up area : 2018-19

S.No	Name of the Building	Area (Sft)
1	R&D BLOCK	32,000
2	Canteen FF	6,600
	Total	38,600

Reviewed and recorded



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4-AC-5: HUMAN RESOURCES

QUALIFICATIONS

Ph.D.	75
Ph.D. (Submitted)	4
Ph.D. (Pursuing)	80
M.Tech. / PG	82
Others	4
TOTAL	245

CADRE

Professor	31
Assoc. Professor	40
Asst. Professor	170
Others	4
TOTAL	245

Reviewed and recorded

4-AC-6: LEARNING RESOURCES

Magazines, Journals & Newspapers

Titles	Volumes	Avg Users per Day	Area Sft.s
18,351	41,755	325	9,329

PRINT JOURNALS		
NATIONAL	INTERNATIONAL	TOTAL
122	11	133

MAGAZINES	NEWS PAPERS
34	10

FACILITIES
EZ Proxy Server (to access e-journals from
Digital Library
Reprographic Facilities
DELNET Services
Automated User Service
Student Group Discussion Room

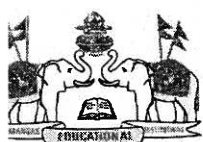
Digital Library

E-BOOKS

➤ McGRAW-HILL	365
➤ ASTM Digital Library	1700
TOTAL	2,065

E-JOURNALS

➤ IEEE -	161
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➤ SPRINGER(EEE)	134
➤ SPRINGER (Mech.)-	46
➤ ASME (Mech.) -	36
➤ ASCE (Civil)-	34
➤ ELSEVIER (Science Direct)-	275
Total	686

ARTICLE DATABASE

➤ J-GATE Engg.	1763
➤ J-GATE Management	2128
Total	3891

Internet Bandwidth : 300 MbPS

E- Learning material

- NPTEL Web courses : 619 Subjects
- NPTEL GATE modules
- Video Courses : 110 (each 40 Hrs.)
- IUCEE Material : 1 Terabyte Hard disc
- NITTTR Material : 275 CDs on all subjects

Reviewed and recorded.

4-AC-7: FDPS CONDUCTED /TO BE CONDUCTED/ ATTENDED

FDPs conducted / organized during the period (2017-18): 22

Dept	Name of the program	Date(s)	Resource persons with designation and Organisation
Civil	RRRRCE'17	04.08.2017 to 05.08.2017	Sri. P. Rama Raju, Professor, CBIT Dr. D. Rama Seshu, Professor, NITW
	MATLAB	28.08.2017 to 31.08.2017	Dr. R. Maheswaran, Associate Professor, MVGR Dr. S. Chandramouli, Professor, MVGR Mr. K. Anil Pradeep, Asst. Professor, MVGR
	2 day National Seminar on Structural Reliability (Funded by DST-SERB)	08.12.2017 to 09.12.2017	Dr. Sandeep Mirmire-Principle ACS Dr. Sayan Gupta, Professor, IITM Dr. S.K. Barai, Professor-IITK Dr. B N Rao, Professor-IITM Dr. KVGD Balaji, Professor-GITAM
	Applications of RS & GIS in Water Resources Engineering	27.03.2018 to 28.03.2018	Dr. A. Subhash Babu-RMSI, Hyd Mr. G. Gowtham-Kaiinos, Hyd



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	MIKE SHE and MIKE FLOOD	31.10.2018 to 02.11.2018	Dr. Vikrant -DHI Sri. Vijay Singh -DHI
EEE	One Week FDP on "Power Electronic Applications for Renewable Energy and Electric Vehicle"	04th – 9th December, 2017	Dr. S G Kadwane, Professor EEE Department, Nagpur University
			Mr Raveendhra, CEO, Arka Energies and Arka team
			Dr M.K.Pathak, Professor, EEE Department IIT Roorkee
			Dr. B. L. Narasimha Raju, Professor EEE Department, NIT, Warangal
	Faculty Development Program on "Power Electronic Applications in Power Systems (PEAPS-2K18)"	17th - 22nd December 2018	Dr. A.K.Panda Professor NIT, Rourkela
			Dr. K.Shiva Kumar Professor IIT - Hyd
			Dr. C.N.Bhende Professor IIT, BBS
			Dr. A.Jayalaxmi Professor JNTUH, Hyd.
			Dr. P.Chandra Sekhar Professor IIT, BBS
			Dr. G. Gurunath Professor IISc, Bangalore
			Dr. N.Jayaram Professor NIT, A P
Mech	Two Day National Workshop on Mechanical and Electrical Architecture of CNC Machine Tools-	12th & 13th June 2017	Manjunatha Swamy D C , Senior Engineer , Design & Development Division, ACE Designers Ltd.
	Smart and Emerging Materials, SEM-17"	08th Dec & 09th Dec 17.	Dr M Ramji IIT-Hyderabad, Dr R Vijay ARCI, HYD, Dr K Venkateswarlu Principal Scientist, CSIR-NAL, Bangalore Dr B Ravi Kumar
	Dragonite, Intra Dept Fest	Feb 9th to 10th 2018	
	Two Day National Workshop on 'EDGE CAM'-2018	27th & 28th Apr 2018	1. Mr. Vignesh Raj, Application Engineer, Applications department, Kriatec Services (p) limited, Chennai, TN 2. Mr. K. Ajay, Asst. Prof, Dept of Mech Engg, MVGR College of Engg (A), Vizianagaram, AP
	One Day Workshop on Auto CAD & Fusion 360	22nd Sep 2018	Mr Vijay, Mr Venu Auto CAD India Ltd
	Three Day Work Shop On 'Non Destructive Testing'	8th -10th Sep - 2018	1.Mr SRIHARI RAJU ,BITS NDT,VSP
Mech	5-day Faculty Development Program on Hybrid & Electric Vehicle Technologies (HEVT'2018)	11th - 15th December 2018	1.Prof. K.Munshi, Director, IIT-B, Ind. Design Centre. 2. Dr. Somnath Sengupta, Asst. Professor, IIT Kharagpur 3. Mr.Yogesh Nagendrian, Renault Nissan 4. Mr.Rajendra Khile, Dy.General Manager, Product Engineering EV Charging Systems 5. Mr. G.Nischal 6.Dr.M.Venkateswarlu, AGM, Amara Raja Batteries Technology Centre, 7. Prof.C.S.Shankar Ram, Professor in Engineering Design, IIT Madras 8. Mr.Suroju Ramakrishna,Manager R&D, Renault Nissan 9. Mr.Nagraj Kannan Dharma Sai Motors,



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			Chennai 10 Dr.Simhachalam Juttu, Deputy General Manager, ARAI, Pune 11.Dr.M.V. Uchgoankar, Head (HR) & Deputy Director, ARAI, Pune 12.Dr N.H. Walke, Deputy Director, ARAI, Pune
IT	Applied Cryptography	14 - 19 Nov 2017	Dr. R Padmavathy, Assoc. Prof., NITW Dr. Santanu Chatterji, Scientist, DRDO Dr. Amit Kumar Gupta, Scientist, DRDO Mr. Vinod Kumar Mathor, Scientist, DRDO Dr. K Ravi, Prof., IDRBT-Hyd
MBA	Niryat Bandhu, Foreign Trade on Exports and imports	20.11.2018	Dr. B. Punnam Kumar, Asst Director, Director General of Foreign Trade (DGFT), Visahapatnam Mr. J Sudhakar, Manager, ECGC, Visahapatnam Sri. V Venkata narayanan, Chief manager- State Bank of India Mr. M. Ravi sankar, ELITE Logistics, Visakhapatnam
	Leading and Managing People-Centred Change	15 & 16 December 2017	Mr. AVS Ramesh, Hyundai Motors, AGM (HR), Mr. Euisung Yoon, Director (HR & GA), Hyundai Motors Dr. R. Ravi Kumar, Professor, IIM-B Mr. MV Subba Rao, Manager-HRD, Vaibhav Gems & Jewellers (P) Ltd. Mr. G. Roop Kumar Raju, Head (T&D), Ctrl S Data Center Services Ltd. Ms. P. Sirisha, Manager (HR), Calliduscloud Mr. Subrata Patra, Manager (HR), Mroads Mr. Arindam Das, Senior Vice-President, Pratian Technologies
	MDP on GST	17.07.2017	Sri .N.Srinivasa Rao –Joint Commissioner tax Prof.Lakshmi pathi Raju –Retd.Professor (AU) CA.Ramakrishna Sangu-Chatrman taxation Committee –AP Chamber

FDP Proposals (2018-19) : 6

S.No.	Dept	Name of the Program	Proposed Date
1	CIVIL	2 day International conference on Sustainability Design of Structures	Feb-19
		14 days Training programme on Sustainability Systems and Structures	Mar-19
2	MECH	Latest Trends in Mechatronics Systems	04th to 05th May 2019
3	EEE	A one week FDP on Real Time applications of Micro Controllers in Electrical Engineering	18th to 23rd May 2019
4	CSE & IT	STTP on Artificial intelligence using R programming	April last week or May first week – 2019
		Deep learning techniques and tools	3 rd week of March -2019
		AI & ML/DL	May-19
5	ECE	Workshop on biomedical image processing	4 th week of April , 2019
6	Chem	Chemical Conference- Green Technologies	May, 2019



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Number of FDPs attended by Faculty: 373

GIAN Courses attended by Faculty : 84

Number of MOOCs done by Faculty: 131

MOOC's Toppers List

S.No	Name of the Faculty	Subject	Standing
1	Dr Madhava Varma Budharaju	Strength of materials	Topper of
2	K Sobha Rani	The Joy of Computing using Python	Topper of 1%
3	Adduru U G Sankararao	Digital Circuits	Topper of
4	Uppalapati Naga Subhadra Devi	Digital Circuits	Topper of
5	Pasumarthy Srikanth	Digital Circuits	Topper of
6	Bodala Ramu	Foundation Engineering	Topper of
7	B. Srinivas	Digital Circuits	Topper of
8	Dr. Shaik Mastan Vali	Digital Circuits	Topper of
9	Muddada Laxmi Prasanna Rani	Digital Circuits	Topper of
10	Dr. D. Rama Devi	Digital Circuits	Topper of
11	Sudhansu Sekhar Behera	Digital Circuits	Topper of
12	Ashok Kumar Adepu	Digital Circuits	Topper of

Faculty Internships : 74

Number of Publications: 280

Number of Publications with impact factor : 88

Reviewed and recorded.

4-AC-8: RESEARCH AND HIGHER LEARNING, ACHIEVEMENTS

Ph.D. awardees 2017-18

S.No	Name of the Faculty	Designation	Department
1	DR. D. RAMA DEVI	Professor	ECE
2	DR. P U KANTHI PRABHA	Assoc. Professor	ECE
3	DR. V. LAVANYA	Asst. Professor	ECE
4	DR. M. KANNAM NAIDU	Assoc. Professor	MECH
5	DR. R S U M RAJU	Assoc. Professor	MECH
6	DR. C. VEERABHADRA RAO	Professor	CSE
7	DR. P. RAVI KIRAN VARMA	Assoc. Professor	CSE
8	DR. G V S K REDDY	Assoc. Professor	CHEM
9	DR. B.V. RAMANAIAH	Asst. Professor	CHEM
10	DR. M. KIRAN	Asst. Professor	MATHS
11	DR. CH. GOPALA RAO	Asst. Professor	MATHS



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12	DR. P. SUDHEER	Asst. Professor	CIVIL
13	DR. K.V. RATNA KUMAR	Asst. Professor	ENGLISH
14	DR. YOGENDRA PATNAIK	Asst. Professor	EEE
15	DR. P. SRINIVASA RAO	Assoc. Professor	IT
16	DR. G.V.S.R. PAVAN	Asst. Professor	CHY.

Ph.D. Thesis Submitted 2017-18

	Name of the Faculty	Designation	Department
1	MR. M.VINODH KUMAR	Asst. Professor	ECE
2	MRS. B.LAVANYA	Asst. Professor	ECE
3	MRS. G. VIMALA KUMARI	Asst. Professor	ECE
4	MRS. V. JYOTHI	Asst. Professor	IT

Faculty sponsored to pursue full time Ph.D

	Name of the Faculty	Designation	Department	Institute/ University
Joined in the year 2017-18				
1	N.MURALI KRISHNA	Asst. Professor	MECH	NIT- Trichy
2	G. PRAMODH KUMAR	Asst. Professor	MECH	NIT- Trichy
3	K.RAVI KUMAR	Asst. Professor	MECH	NIT- Trichy
4	B. PRAVEEN SAI	Asst. Professor	ECE	IIT- Hyd.
5	T. SUDHAKAR	Asst. Professor	EEE	IIT-Mumbai
Pursuing				
6	CH. RAVI SANKAR	Asst. Professor	CIVIL	IIT- Kharagpur
7	B.V JOGA RAO	Asst. Professor	CIVIL	IIT- Kharagpur
8	T. P. SRIJANI	Asst. Professor	CIVIL	Andhra University
9	D.MALLIKARJUN REDDY	Asst. Professor	CSE	IIT Chennai
10	D.ANTHONY BALARAJU	Asst. Professor	CSE	IIT Chennai
11	H. SUDHA	Asst. Professor	ECE	Andhra University
12	VSM SRINIVASA VARMA	Asst. Professor	ECE	IIIT (D&M) Kanchipuram

Dr.R.Maheswaran, Assoc. Prof. Civil Engg got "Best Researcher Award " by JNTUK, Kakinada for the year 2017-18

FACULTY DEVELOPMENT

	Industry ready skills / Modern tool	Dept.	MoU with	Trained & Certified resource Person
1	Creo, Windchill (PLM), Ansys	MEC	PTC	1. Dr. S. Adinarayana



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			Bengaluru	2. K. Ajay 3. Dr. S. Srinivasa Rao 4. S Sanyasi Naidu 5. Dr L V V Gopal Rao 6. G Satyanarayana 7. G. Veeraiah 8. M.K. Naidu 9. Dr. N. Ravi Kumar 10. Ch. Varun
2	Embedded Systems (Micro Controller & Embedded Processors)	ECE	Think Labs IIT Bombay	1. Dr. R Ramana Reddy 2. K Rakesh 3. U.N. Subhadra Devi 4. G. vimala kumari 5. V. Lavanya 6. N. Shanmuka Rao 7. Dr. M. Satyanarayana
3	NI Lab view (NI Software and Hardware Modules)	ECE	National Instruments, Bengaluru	1. B. Lavanya 2. B. Srinivas 3. M. vinod Kumar 4. M.Lakshmi prasanna 5. Dr. Shaik Mastan Vali 6. Dr. M. satyanarayana
4	IOT Internet of Things	ECE	Phytec Embedded Pvt. Ltd, Bangalore	Dr.R.Ramana Reddy, 2. Mr. K. Rakesh 3. Mrs. G. Vimala Kumari
4	MTLC (Unified Technology Learning Platform)	ECE	WIPRO Bengaluru	1. D. Raja Ramesh 2. P. Surya Prasad
5	AC Drives	EEE	SIEMENS	1. Dr. Sarath Kumar Sahu 2. P. Sai Srinivas 3. Ch. Bhavani Shankar 4. P. Pavan Kumar 5. B. Jagannadh Ch. Yadav
6	PLC	EEE	SIEMENS	1. Dr. Sarath Kumar Sahu 2. P. Sai Srinivas 3. Ch. Bhavani Sankar 4. P. Pavan Kumar 5. Jagannadh Ch. Yadav .B 6. P U K Prabha 7. K Ajay (PLC) 8. R.U.S.M Raju
		ECE		
		MECH		
7	MAT Lab	EEE		1. I. Kranthi kiran & 2. K S Ravi Kumar
8	EPANET (Hydraulic Analysis of water supply pipe network)	CIV		1. Dr. S. Chandramouli 2. Mr. AVS Kalyan
9	Staad.Pro	CIV		1. Dr. P. Markandeya Raju
10	GIS	CIV	IIRS Dehradun	1. Mr. A Vara prasad 2. Mr. Ch. V. Ravi Shankar 3. Mr. B. V. Jogarao
11	Processing Equipment Design	CHEM	SIMTECH	1. Dr. CH V subbarao



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			Solutions Hyderabad	2. B Sarva Rao
				3. G V S K Reddy
				4. Dr. D. Krushna
12	JAVA programming	CSE	Oracle Corporation	1. P S SitaRamaRaju
				2. G Veerabhadra Rao
				3. Dr. C. Kalyan Chakravarthy
13	PEGA	CSE	VIRTUSA Hyderabad	1. Dr. S. Srinivasa Rao
				2. K V Subba Raju
14	Information security analyst	CSE	APSSDC & NASSCOM	1. K V Subba Raju
15	Data Analytics	CSE		2. Dr. P. Srinivasa Rao
16	CCNA	CSE	CISCO	1. P. Ravi Kiran Varma
				2. K V Subba Raju
17	Ethical Hacking	CSE	EC-Council academia	1. P. Ravi Kiran Varma

No. of faculty trained on six sigma by ASQ (American Society for Quality) : 17

Reviewed and recorded

4-AC-9: FUNDED PROJECTS

Funded Projects sanctioned - 2017-18

S.No	Title of the project	Agency	Principal Investigator	Amount in Rs.
1	Modernization and Removal of Obsolescence in Machine Tools Lab	AICTE	Dr S Adinarayana	20,00,000
2	Recent Trends in Sustainable Design of Structures	AICTE	Dr P Markandeya Raju	6,10,775
3	International Conference on Sustainable Systems and Structures	AICTE	Dr P Markandeya Raju	5,00,000
4	Toughened Concrete for Building Structures of National Importance against Impact Forces	DST	Dr. Partheepan Ganesan	18,48,000
5	Synthesis and Characterization of Thermochemical Material for Solar Thermal Energy Storage	DST	Dr. M Siva Subrahmanyam	18,48,000
6	Exploring magnetic, magnetocaloric and magnetoresistive properties of $Ti(Fe_{1-x}Co_x)_2$ ($0 < x < 1$)	DST	Dr. Shanmukha Rao Samatham	18,48,000
7	Integrated Water Management Through Rejuvenation of Surface Tanks in Vizianagaram Town	DST	Dr R Maheswaran	1,04,33,360
	Total			1,90,88,135



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Ongoing Funded Projects

Designing Huesler Compounds for Magnetic Refrigeration and Spintronics Application	UGC	Dr. S Samantham	45,000
Wavelet Entropy Based Multiscale Performance Analysis: An Approach to Assess and Improve Hydrological Models	DST	Dr R Maheswaran	17,01,310
Design and Development of KU band Micro strip patch antenna Array for Satellite Application	DST	Dr G Anjaneyulu	31,41,000
INSPIRE Faculty Awardees	DST	Dr. R. Maheshwaran	35,00,000
Process optimization studies on Removal of Heavy Metals from Waste Water using Mixed Adsorbents	DST	Dr. D. Krishna	26,58,000
Funds for improvement of S&T infrastructure	DST	Dr. K. V. L. Raju	30,00,000
Total			1,40,45,310

Total Value of Funded Projects - Rs. 3,31,33,445/-

MOUs

SL	COLLABORATING ORGANIZATION	DoS MoU	STATUS	PURPOSE
1	Geospatial and Environmental Solutions	14.11.18	Active	To collaboratively work with students on real time projects
2	APSSDC and Dassault Systems	14.11.18	Active	To establish a 3D Center of Excellence and to provide industry and domain skills to students.
3	JNTU Kakinada	01.09.18	Active	Signed as a part of Margdahan scheme of AICTE to facilitate the development of collaborative and mutually beneficial programs which serve to enhance the teaching pedagogy
4	CodeTantra Tech Solutions Pvt. Ltd	05.05.18	Active	To make students employment ready in IT Sector
5	Novel Intellectual Property Rights Academy (NIA)	04.05.18	Active	To create, develop and promote IPR Cell in the college
6	Benaka Technologies	30.5.2017	Active	To establish a Biogas plant and to develop prototype models of Wind Turbine and Smart Home .
7	Andhra Pradesh Skill Development Center		Active	To set up a technical center of excellence

Reviewed and recorded



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4-AC-10: STUDENT ACADEMIC PERFORMANCE

Academic Performance of B.Tech 2014-18 Batch

Branch	Appeared	Awarded	Distinction	I class	II class	Pass Class	Pass %
CIV	141	113	37	74	2	0	80.14
EEE	134	110	60	49	1	0	82.09
MECH	218	201	137	62	2	0	92.20
ECE	212	174	96	69	9	0	82.08
CSE	197	175	88	81	6	0	88.83
CHE	57	40	25	12	3	0	70.18
IT	57	45	28	15	2	0	78.95
TOTAL	1016	858	471	362	25	0	84.45
Overall%	84.48		54.90	42.19	2.91		

Comparison of Results- JNTUK (2014-18 batch) Vs MVGR(A) (2015-19 batch)

S.No	Semester	JNTUK (2014-18 batch)	MVGR(A) (2015-19 batch)
1	I – I	64.1	65.2
2	I – II	69.3	69.3
3	II – I	65.6	66.6
4	II – II	63.0	75.3
5	III – I	72.7	66.7
6	III – II	73.1	81.4
7	IV – I	77.8	88.7
8	IV – II	86.6	---

Autonomous Results B.Tech

B.Tech (2015 Batch)	Overall Pass %
I Semester	65.22
II Semester	69.31
III Semester	66.63
IV Semester	75.30
V Semester	66.70
VI Semester	81.42
VII Semester	88.69
B.Tech. (2016 Batch)	
I Semester	73.34
II Semester	67.09
III Semester	71.78
IV Semester	69.89
V Semester	70.52
B. Tech. (2017 Batch)	
I Semester	70.91
II Semester	72.56



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III Semester	66.37
B. Tech. (2018 Batch)	
I Semester	72.45

Autonomous Results M.Tech & MBA

M. Tech. (2015 Batch)	Overall Pass %
I Semester	86.08
II Semester	87.34
III Semester	98.75
IV Semester	85.00
M. Tech. (2016 Batch)	
I Semester	77.08
II Semester	89.36
III Semester	95.83
IV Semester	72.92
M. Tech. (2017 Batch)	
I Semester	91.30
II Semester	82.98

MBA (2015 Batch)	Overall Pass %
I Semester	95.80
II Semester	99.14
III Semester	97.41
IV Semester	100.00
MBA (2016 Batch)	
I Semester	99.08
II Semester	100
III Semester	95.33
IV Semester	100
MBA (2017 Batch)	
I Semester	88.50
II Semester	85.59
III Semester	95.50

No. of Students Awarded PG Degree

S. No	Name of the Program	Batch	Eligible Students	Awarded / Submitted etc.,
1	M.B.A	2015 -17	116	116
2	M.B.A	2016 -18	107	107
3	M.Tech	2015 -17	68	67+01**
4	M.Tech	2016 -18	35	21+3**+11**

* Submitted PC applications to JNTU

** Eligible for applying PC

MOOCS COURSE

The List of students who opted and completed MOOCS course as Open Elective for the Academic Year 2017-18 Semester: V No. of credits: 03



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Title: Integrated Waste Management for a Smart City

S. No	Regd No
1	15331A0101
2	15331A0102
3	15331A0107
4	15331A0108
5	15331A0117
6	15331A0118
7	15331A0126
8	15331A0130
9	15331A0142
10	15331A0148
11	15331A0149
12	15331A0180
13	15331A01A6

The List of students who opted and completed MOOCS course as Core Elective for the
Academic Year 2018-19 Semester: VII No. of credits: 03

Title: Advanced Concrete Technology

S. No	Regd No
1	15331A0101
2	15331A0102
3	15331A0107
4	15331A0108
5	15331A0117
6	15331A0118
7	15331A0125

S. No	Regd No
8	15331A0126
9	15331A0128
10	15331A0130
11	15331A0142
12	15331A0149
13	15331A0153
14	16335A0123

Correlation of Internal Marks Vs External Marks

ADMITTED BATCH	SEMESTER	AVERAGE INTERNAL MARKS (IN %)	AVERAGE EXTERNAL MARKS (IN%)	% Deviation
2015 -16	VI	78.62	69.55	9.1
	VII	78.43	70.13	8.3
2016 -17	IV	75.44	64.42	11.0
	V	74.84	63.52	11.3
2017-18	II	79.65	70.08	9.6
	III	73.32	61.29	12.0



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SNo	Sem	Correlation of Internal Marks Vs External Marks (AY 2018-19)					
		Total Subjects	0 - 5 %	> 5 ≤ 10 %	>10 ≤ 15 %	>15 ≤ 20 %	> 20 %
1	VII	86	24	21	21	10	10
2	V	68	13	10	21	11	13
3	III	56	12	8	14	10	12
4	I	56	12	14	8	8	14

- Dr.R.Srinivasa Rao, DE, JNTUK suggested to present the results category wise i.e OC,BC,SC&ST

- It is resolved to furnish the results category wise.

Academic performance of students was reviewed, recorded and ratified.

4-AC-11: STUDENT PERFORMANCE (CO-CURRICULAR & EXTRA- CURRICULAR)

Certification Programs 2017-18

- In addition to training on curriculum, the Institution encourages the students to actively engage in activities for skill development, learning new tools etc., About 2236 students from various departments underwent training leading to certification by collaborating industry partners..

Civil

Name of the certification program	No of students
Basics of Remote Sensing	3
GIS & GNSS	15
Add on programme on “ Analysis of pipe networks using EPANET”	22
Add on programme on “Auto CAD for Civil Engineers”	22
Analysis and Design of multi stored buildings	15
Applications of DGPS	65

EEE

Name of the certification program	No of students
Certification Course on Basics of PLC	61
Certification Course on Basics of SCADA	58
Basics of MELECTRONICS	60
Basics of Induction Motor	50
Basics of AC DC Drives	40
Certification Course on IoT	273



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Mech

Name of the certification program	No of students
APSSDC-Welding-Auto Two Wheeler	218
APSSDC-SOLID EDGE	177
APSSDC-Auto Two Wheeler	218
APSSDC-CAE	20
APSSDC-CNC	118
APSSDC-PLM	25
APSSDC-Robocad	74

ECE

Name of the certification program	No of students
NI LabVIEW	62
Internet of Things	30

CSE & IT

Name of the certification program	No of students
CCNA R&S	169
Linux Essentials	88
C Programming	205
C++	7
IoT	36
Python	86
CyberOps	15
Discrete Mathematics	4

Number of Student Internships: 1389

With a view to give student comprehensive and enhanced learning experience and also as a part of finishing school, students are encouraged to take active part in industry internships. During the academic year 2017-18, 1389 students have participated.

- Also, 104 technical paper presentations were made by the students in various competitions during the AY 2017-18.
- The Institution has invited experts from industry to deliver guest lectures and seminars. During the AY 2017-18, 65 such programs were conducted.



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Student participation in MOOCs: 431

MOOC's Toppers List

1	Akella Venkata Ram Karthik	Advanced Concrete Technology	Topper of 1%
2	Adidam Kameswara Ramakrishna	Advanced Concrete Technology	Topper of 1%
3	Velamuri Venkata Ramavidya Sagar	Problem Solving through Programming in C	Topper of 1%
4	Naralasetty Manish Kumar	Programming, Data Structures and Algorithms using Python	Topper of 2%
5	Dantuluri Roshini	Technical English for engineers	Topper of 2%
6	Majji Vinay Kumar	Programming, Data Structures and Algorithms using Python	Topper of 5%
7	Marupalli Naveenkumar	The Joy of Computing using Python	Topper of 5%
8	Tulluri Venkata Ramana	Developing Soft Skills and Personality	Topper of 5%

Institutional Sponsored Student projects National level competitions

S.No	Name of the Team	Vehicle	Sponsored amount in Rs.	Organized By	Position	Awards
1	TEAM AADHYA 3.0 2018	Design, analysis and fabrication of Go Kart	95,300/-	Sieger Pro karting Championship 2018, Aditya Institute of Tech - Surampalem	8/40	Only Girls team (16) represented at National level event
2	Team Atom 2018	Design, analysis and fabrication of E-bike	1,39,686/-	E- Bike racing challenge by AMT Motor Corporation- BVRIT, Hyd	2/30	First prize in Business Plan event

Extra - Curricular Activities

Sports Facilities

- Cricket Ground
- Pavilion with Gym
- Basket Ball Court
- Volley Ball Court
- Kho Kho Court

List of students - represented JNTUK – 2017-18

S.No	Name of the Student	Game	Year/ Branch
1	Mr.T.S.R.Durga Prasad	Cricket	4/4 CSE
2	Mr.G.Eswar Prasad	Cricket	3/4 ECE
3	Mr.R.Rakesh Varma	Hockey	3/4 CIVIL



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4	Mr.K.Gowri Shankar	Volley Ball	3/4 CIVIL
5	Mr.Manoj Datta	Volley Ball	4/4 EEE
6	Mr.Dinesh	Shuttle Badminton	1/4 CSE
7	Mr.Lokesh	Chess	3/4 EEE

List of students - represented JNTUK – 2018-19

S.No	Name of the Student	Game	Year/ Branch
1	D. Sridevi	Kho-Kho	2/4 ECE
2	K. Bharathi	Volley Ball	2/4 EEE
3	V. Dinesh Kumar	Badminton	2/4 CSE
4	M. Lokesh Kumar	Chess	3/4 EEE
5	P. Jeevan Kumar	Handball	4/4 Chem.
6	T. Jashwant	Roller Sports	4/4 Mech
7	D. Sai Varun	Roller Sports	4/4 Mech

- College Volley Ball Team - Winner of JNTUK 'A' Zone Inter Collegiate Tournament conducted on 27th & 28th January, 2018 – Conducted at Vignan Institute of Technology, Duvvada, Visakhapatnam.
- College Shuttle Badminton Team - Winner of JNTUK 'A' Zone Inter Collegiate Tournament conducted on 27th & 28th January, 2018 – Conducted at Vignan Institute of Technology, Duvvada, Visakhapatnam.
- College Basket Ball Team – Runner of JNTUK 'A' Zone Inter Collegiate Tournament scheduled on 27th & 28th January, 2018 – Conducted at Vignan Institute of Technology, Duvvada, Visakhapatnam.
- T.Saketh, 2/4 CSE – Gold Medal for Body Building in JNTUK Inter Collegiate and Mr.Visakha Body Building Championship in Visakha Utsav, Visakhapatnam.
- Mr.M.Vykunta Rao, Asst. Prof. in Physical Education has selected as Coach for JNTUK Cricket Team.
- Lt.A.Ramachandra Raju, Asst. Prof. in Physical Education has selected as JNTUK University Volley Ball Team Selection Committee Member and Coach for JNTUK Volley Ball Team.

Cultural

- Mr. Shaik Ishaq Vali (Civil 4th year) is one of the singers for movie 'Naruda Donaruda'.
- Ms. Sireesha (IT 3rd year) - Selected Indian Idol among top 40 and as a 'Duo' with her sister in Rising Stars show in Colors Channel.

NCC

- NCC Unit – 100, 'B' Certificate - 45; 'C' Certificate - 35; Mr.N.N.Prasad , 4/4 CSE and Mr.S.VAMSI 3/4 MECH - Best Cadets



NSS

- 12 Programmes 100 Volunteers enrolled; Venkatesh, 4/4 CSE , Rasajna Varma, 4/4 IT and Santosh, 4/4 Civil– Best Volunteers
- For the academic year 2017-18 – 650 Units of Blood donated
- Best Blood Donation Camp - District level award - by Red Cross Society
- Best Blood Donation Camp - District level award - by M.R Blood Bank
- Adopted Villages: Chintalavasala & Boddavalasa – actively participated in empowerment programs and also supported and conducted plantation program Boddavalasa School
- Facilitated Skill Development Training to around 20 unemployed village youth
- Dr.I.S.N.Raju suggested to explore the possibility of offering one year PG diploma course and 6 months certification program on data sciences.
- It is resolved to explore the possibility for implementing the same.
- Dr.A.M.Prasad, DAP JNTUK suggested to strength the alumni networking for improved services like career guidance, project guidance and internship.
- It is resolved to define a process for improved engagement of alumni.

The Co-curricular & Extracurricular activities of students was reviewed and recorded.

4-AC-12: AWARDS / SCHOLARSHIPS / SPONSORSHIPS

All the meritorious candidates securing top ranks in their respective classes are awarded academic awards :

1. An amount of Rs.35,000/- cash award for I ranker from each class
2. An amount of Rs.23,333/- cash award for II ranker from each class
3. An amount of Rs.11,667/- cash award for III ranker from each class

Amounts given as cash awards for the academic year 2017-18 :

S.No	Program & Year	Number of Students	Amount (Rs.)
1	I B.Tech.	15	3,96,666
2	II B.Tech.	15	3,96,666
3	III B.Tech.	15	3,96,666
4	IV B.Tech.	14	77,764
5	M.Tech.	5	50,000
6	MBA	2	45,000
TOTAL		68	13,62,762



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We place sincere thanks and appreciation to Dr. D. R. Prasad Raju, Dean F.D. for sponsoring
Rs. 1,00,000 towards financial assistance to poor students

Medals Instituted

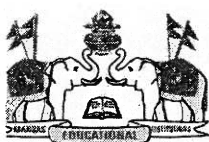
S.No	Institutional Medal	Dept.
1	Dr. P. Anand Gajapathi Raju Memorial Gold Medal	Overall topper
2	Maharaj Anand Gajapathi Raj Memorial Gold Medal	CHEM
3	Dr. PVG Raju Memorial Gold medal	CIVIL
4	Maharaj Alaknarayan Gajapathi Raj Memorial Gold Medal	CSE
5	Maharani Vidyavati Devi Memorial Gold Medal	ECE
6	Maharani Urmila Devi Appalakondayamba Memorial Gold Medal	EEE
7	Maharani Lalitha Kumari Devi Memorial Gold Medal	IT
8	Maharaj Vijayram Gajapathi Raj Memorial Gold Medal	MECH
9	Rajkumari Sucharitha Gajapathi Raju Memorial Gold Medal	MBA
10	Maharaj Narayana Gajapathi Memorial Gold Medal	MCA
Sponsored Medals		
11	K.Vani Manasa Memorial Medal	CSE
12	Prof B Harinarayana Rao Memorial Medal	EEE
13	Prof. G J V J Raju Foundation Medal	CHEM
14	Gumpina Praneeth Kumar Memorial Medal	IT

Reviewed and recorded

4-AC-12: TRAINING & PLACEMENTS

TRAINING & PLACEMENTS (2017-18)

S.No	Company Name	No of Selects	S.No	Company Name	No of Selects	S.No	Company Name	No of Selects
1	Commvault Systems	1	33	TCS	9	65	Hetero Drugs	12
2	Soliver Labs	1	34	NALSOFT	1	66	CHEYSAR PVT LTD	1
3	BYJUS (Think and Learn)	3	35	Value Momentum	1	67	Convey	1
4	Elevate (Khazana Group)	1	36	Mindtree	1	68	CP Aquaculture Pvt Ltd	1
5	HSBC Software Developer	1	37	AD3i Systems	1	69	Honey Well	1
6	Hansa Solutions	6	38	SYNTEL	1	70	Lotus Wireless	1
7	Soctronics	11	39	Kelly	2	71	Precision Infra	1
8	Glenwood Systems	1	40	Kriti Digatech Pvt Lrd	1	72	Precistat	1
9	Mordor	11	41	Vasudhaika	2	73	Yoma Business Solutions	1



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	Intelligence			Software Solutions				
10	Triveni Turbines	2	42	Buildmate	4	74	Iquantela TechPvt Ltd	1
11	Infor	16	43	Gigacom	2	75	BSCPL	5
12	Go Speedy Go	89	44	Virtusa	7	76	Columbus Global	5
13	ADP India Pvt. Ltd	3	45	Click Labs	1	77	Shri Ram Panels	4
14	Apps Associate	3	46	Unistring Tech Solutions	5	78	BIG Apple Life Style	1
15	Dixon Technologies	1	47	Multiplier Solutions	8	79	Varun Motors	1
16	Nagarro Software	1	48	Cloud 4C	1	80	Conduira	1
17	Proglity Technologies	1	49	Pinnacle Generators	3	81	Raster Technologies	4
18	embed UR Systems India	2	50	Concrete IO	2	82	HR Square LLP	4
19	Solenis Internship	4	51	Biznus Soft	1	83	eZone Security	3
20	Broadcom	1	52	Just Dial	15	84	Tech Mahindra	2
21	Bosch Ltd	11	53	JCB Service	15	85	ABIS Exports Pvt Ltd	1
22	Kalpataru Power Transnission	13	54	Amzur Technologies	1	86	ANR Food Traders	1
23	Efftronics	2	55	FACTSET	2	87	Axiom IO Internship	9
24	Celebal India Solutions	1	56	Naval Dockyard	1	88	Trimax Bio Sciences Pvt.Pvt	7
25	Hyundai Motors	9	57	Talli Godavari	14	89	Krikamit Engineering Pvt.Ltd	3
26	Liquid Hub	7	58	VEM Technologies	5	90	Abhra Inc	15
27	UX Reator	3	59	Solivar Labs Internship	5	91	KMV Projects	3
28	Deccan Fine Chemicals India Pvt.Ltd	3	60	Just Dial	1	92	TAVISCA	7
29	Infosys	41	61	Optimus Pharma	9	93	Genpact	1
30	Cognizant Technologies	7	62	Vijay Electricals	9	94	Opulentus Overseas	1
31	TCS CodeVita	5	63	Sandeep Chemicals	2	Total		510
32	CtrlS	3	64	Honey Group	14			

TRAINING & PLACEMENTS (2018-19)

S.No	Company Name	No Placed	s.No	Company Name	No Placed
1	Capgemini	189	23	MSK Consultants And Engineers	3
2	TCS Ninja	21	24	Wipro	3
3	HR Square LLP	17	25	SciTech Patent Art Services Pvt Ltd	3
4	Axiom IO	13	26	Raster Technologies	3
5	Infosys	13	27	Innovate Apps	3
6	Lotuswireless	12	28	MAQ Software	2
7	Trimax Bio Scienced Pvt Ltd	10	29	Medha Servo	2



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8	Unistring Tech Solutions	9	30	UX Reactor	2
9	Soctrionics	9	31	Jytra Technology Solutions	2
10	CtrlS	8	32	Red Solar	2
11	LiquidHub	7	33	WTT Technology Solutions India Pvt Ltd	2
12	Glenwood Systems	7	34	ADP India	2
13	Spyry Technologies	6	35	MAQ Software	2
14	Syntel	6	36	Asahi India Glass	2
15	Aclara	6	37	Elevate (Khazana Group)	1
16	Inlight Data Analytics	6	38	Efftrionics	1
17	Mu- Sigma	5	39	Report Garden	1
18	Solenis	5	40	Mindtree	1
19	TCS CodeVita	5	41	Sopra Steria	1
20	TAVISCA	4	42	Shri Ram Panels	1
21	Hyundai Mobis	4	43	Kreeti Technologies	1
22	Nine Leaps	4	Total		406*

Industry / service partners in training

SL	COLLABORATING ORGANIZATION	Date of Start of MoU	STATUS	PURPOSE
1	Tata Consultancy Services (TCS)	29.04.17	Active	Academic Interface Program
2	CYIENT	23.12.16	Active	Campus and Pool Campus Hiring Institute
3	Internshala	17.11.16	Active	Providing Internships to Students
4	Conduira	24.04.17	Active	Providing CRT and Online portal support
5	Code Tantra	08.05.18	Active	Online tool for practice
6	Costuco Pvt. Ltd	06.09.18	Active	Providing Placement Assistance
7	NextGen Ventures Limited	11.09.18	Active	Providing Placement Assistance

Training Programs conducted by Training & Placement Cell

S.No	Training Program	Provider	Target Group	No of students trained
1	Corporate Recruitment Training	Conduira	Final year B.Tech Students	1040
2	Coding training program conducted	M/S Campus Corporate Connect	Students qualified in Coding test conducted	120
3	Company Specific Training	FACE	Final year B. Tech Students	650
4	Training program on Programming / Coding	CSE Dept	All B.Tech final year students (2019 pass outs)	740



No. of students qualified in GATE 2018 : 47

Discussed and recorded.

4-AC-14: INDUCTION OF NEW PROGRAMS / ADDITIONAL INTAKE / CLOSURE / CERTIFICATION FOR THE AY 2019-20

Proposal for Closure of M.Tech Programs for the AY 2019-20

Programmes	Specialization	Intake
M.Tech (ECE)	Communication Systems	18
M.Tech (IT)	Data Sciences	18

It is resolved to close the M.Tech. (Communication Systems) & M.Tech. (Data Sciences) Programs from the AY:2019-20

4-AC-15: CORRESPONDENCE RECEIVED FROM NBA/JNTUK/AICTE/UGC/APSCH

NBA:

- File No: 11-84-2010-NBA, dt.28.05.2018 – Further accreditation of the program in Tier II – Compliance visit
- File. No. 11-84-2010-NBA, Dt. 20-12-2018- Visit of expert team for accreditation of MBA program.

UGC:

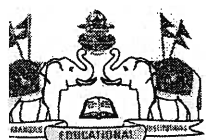
- Lr.No: F-3-1/2017(SERO-UGC), dt.18.12.2017 – Submission of basic data by colleges

AFRC:

- Notification dt.17.09.2018 – AFRC proposes to review and determine fee structures for all programs by 31-10-2018 at 5 P.M.
- Lr.No: Nil, dt.31.10.2018 – After meeting with APPECMA, resolved to extend time for uploading the required data up to 20.11.2018 at 5 P.M.

JNTUK:

- Proc.No: R & D/Inspection/Research Centre/2017, dt.22.11.2017 – Recognition as Research Centre – Inspection Regarding
- Lr.No: JNTUK/Sports Council/Volley Ball (Men)/IUT/Tournament/2017-18, dt.21.12.2017



- Lr.No: DAP/DI/AFF-Colleges/Clearance Certificate/2017-18, dt.19.12.2017 - Clearance Certificates for M.Tech/M.Pharmacy/PharmD(PB), MBA & MCA for the academic year 2017-18
- Order No: JNTUK/057(EC)/2017, dt.22.06.2017 – Measures on the recommendations of the EC Sub-Committee on Autonomous Colleges fee sharing - Orders - Issued
- Proc.No: D.R & D/Inspection/Research Centre/2017-18 , dt.03.01.2018 – Recognition as Research Centre – Inspection Regarding for EEE Department
- Lr.No: JNTUK/DAP/Anti Drug/2017-18, dt.21.07.2017 – Anti Drug Programs – Regarding

4-AC-16: BOS MINUTES

BOS minutes of the departments of Civil, EEE, Mechanical, ECE, CSE, CHEM, IT, MBA, Mathematics, Physics, Chemistry and English were reviewed, recorded and ratified.

4-AC-17: ACADEMIC REGULATION OF B.TECH.

B.Tech.

Existing guidelines for promotion

- Students shall be promoted from IV semester to V semester if he/she fulfills the academic requirement of 50% credits up to IV semester from the following examinations irrespective of whether the candidate takes the examination or not.
 - Two regular and two supplementary examinations of I semester.
 - Two regular and one supplementary examinations of II semester.
 - One regular and one supplementary examinations of III semester.
 - One regular examination of IV semester.
- Students shall be promoted from VI semester to VII semester if he/she fulfills the academic requirement of 50% credits up to VI semester from the following examinations irrespective of whether the candidate takes the examination or not.
 - Three regular and Three supplementary examinations of I semester.
 - Three regular and Two supplementary examinations of II semester.
 - Two regular and Two supplementary examinations of III semester.
 - Two regular and One supplementary examinations of IV semester.



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- One regular and One supplementary examinations of V semester.
 - One regular examination of VI semester.
- As per the guidelines given by Dr. V. V. Subba Rao, Registrar, JNTUK-Kakinada, in the meeting of Autonomous college Principals, the promotion criteria of students from IV Semester to V Semester and VI Semester to VII Semester has been revised.


Revised guidelines


- Students shall be promoted from IV semester to V semester and VI semester to VII semester subjected to fulfilling the academic requirement of 40% of the credits up to IV semester and VI semester respectively.

It is resolved to consider 40% of the credits up to IV semester and VI semester respectively for promotion of students from IV semester to V semester and VI semester to VII semester for the AY:2017-18.

4-AC-18:. ANY OTHER ITEM WITH THE PERMISSION OF THE CHAIRMAN

Academic Council having reviewed the physical infrastructure, human resources and highly promotive and enabling environment in the system observed that the learners shall derive the maximum benefits of very substantially equipped departments along with highly enriched human resources.


(Dr. Y M C Sekhar)
Member Secretary


(Dr. K V L Raju)
Chairman

Date: 19/8/2017

Maharaj Vignanam Gitaapathi Raj College of Engineering (A)
Wizianagaram 3rd Academic Council Meeting held at the
Institution Premises on 19/08/2017 at 11:00 A.M.

Members Present

- (1) Dr. K.V.L. RATH — Chairman —
Principal
- (2) Dr. B. Prabhakara Rao — Member —
Rector, INTUK, Kakinada
- (3) Dr. Ch. Satyanarayana — Member —
Director Academic & Planning
INTUK, Kakinada
- (4) Dr. P. Subba Rao — Member —
Director, Gubintan, INTUK, Kakinada
- (5) Sri A. Mohan Fernando — Member —
Head, HR Mobilization Cell (HRMC)
Corporate Centre, L&T Construction
CRR Centre, 3rd Floor, Chennai-600097.
- (6) Dr. J.S.N. RATH — Member —
Joint Chairman
The Institution of Engineers (India)
A.P. State Centre
Hyderabad.


(7) Sri G. Shiv Kumar — Member —
CEO


Maple Software Pvt. Ltd.
Vidyalakshmi

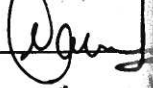
(8) Sri A. Srinivas Kumar — Member —
Associate Director
NSTL, Vidyalakshmi.


(9) Mr. Ravalli Karturi — Member —
CEO
LAKSH Job Skills Academy Ltd.
Bangalore

(10) Prof. D.J.S. Ramachandra Reddy — Member & /
Vice-Principal (Admin.)

(11) Dr. CH. Ramachandra Reddy — Member 
Asst. Principal (Academic)

(12) Dr. R. Ramesh — Member 
Dean - R&D

(13) Dr. P. Ravindranath — Member 
Dean - Strategic Planning

(14) Dr. M. Suresh Babu — Member 
Dean - Training & Placement

(15) Dr. T.V. N.P. Sathya — Member
Dean - Exams & HOD - Chemistry

(16) Dr. S. Srinivasa Rao — Member
Dean - Student Affairs

(17) Dr. K.S.S. Kumar Reddy — Member
HOD - MBA

(18) Prof. P. Sittarama Reddy — Member
HOD - CEE

(19) Dr. Ch. V. Subba Rao — Member
HOD - Chemical

(20) Dr. S. Chandrashekhara — Member
HOD - Civil

(21) Dr. Jayal Kumar Sahoo — Member
HOD - EEE

(22) Dr. R. Ramana Reddy — Member
HOD - ECE

(23) Dr. V. Nageth — Member
HOD - IT

(24) Dr. S. Adinarayana — Member
HOD - Mechanical

(25) Dr. P. Govindan Rao — Member
— HOD — Maths

(26) Sri S. Mohan Kumar — Member
— HOD — English

(27) Dr. G. Srinivasa Reddy — Member
— HOD — Physics

(28) Dr. Y. M.C. Sekhar — Member Secretary
vice-principal (Academic) YMC Silchar

29 D.R. Prasada Raju
AICTE Adj. Faculty, MVGRCE
Dean — Faculty development

D. Keji
19/8/2017



Minutes of meeting of Academic Council

A Meeting of the Academic Council is held on 19.08.2017 at 11.00 AM at Conference hall, Admin. Block. The following were present:

- | | |
|---|----------|
| 1. Dr. K. V. L. Raju
Principal | Chairman |
| 2. Dr. B. Prabhakara Rao
Rector, JNTUK, Kakinada | Member |
| 3. Dr. Ch. Satyanarayana
Director – Academics & Planning, JNTUK, Kakinada | Member |
| 4. Dr. P. Subba Rao
Director of Evaluation, JNTUK, Kakinada | Member |
| 5. Mr. A. Mohan Fernando
Head - HR Mobilization Cell (HRMC), Corporate Centre
L & T Construction, CRR Centre, Third Floor, Chennai. | Member |
| 6. Dr. I. S. N. Raju
Chairman – Elect
The Institution of Engineers (India), A.P. State Centre | Member |
| 7. Mr. G. S. Shiv Kumar
CEO, Maple Software Pvt. Ltd, Visakhapatnam | Member |
| 8. Dr. A. Srinivasa Kumar
Associate Director, NSTL, Visakhapatnam | Member |
| 9. Miss. Revathi Kasturi
CEO, Laqsh Job skills Academy Ltd, Bangalore | Member |
| 10. Mr. Viswanadhan
Senior Manager, HR, Wipro, Chennai. | Member |
| 11. Prof. D. J. J. Ramachandra Raju
Vice-Principal (Administration) | Member |
| 12. Dr. Ch. Purnachandra Rao
Asst. Principal (Academics) | Member |
| 13. Dr. R. Ramesh
Dean – R & D | Member |



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14. Dr. P. Ravindranath Dean – Strategic Planning	Member
15. Dr. D. R. Prasada Raju Dean – Faculty Development	Member
16. Dr. M.Sunil Prakash Dean – Training & Placement	Member
17. Dr. T. V. N. Partha Sarathi Dean – Examinations	Member
18. Dr. S. Srinivasa Rao Dean – Student Affairs	Member
19. Dr. S. Adinarayana HOD – Mechanical	Member
20. Dr. K. S. S. Rama Raju HOD – MBA	Member
21. Dr. R. Ramana Reddy HOD – ECE	Member
22. Dr. V. Nagesh HOD – IT	Member
23. Prof. P. Sitharama Raju HOD – CSE	Member
24. Dr. Sarat Kumar Sahu HOD – EEE	Member
25. Dr. S. Chandra Mouli HOD – Civil	Member
26. Dr. Ch. V. Subba Rao HOD – Chemical	Member
27. Dr. Y. M. C. Sekhar Vice-Principal (Academics)	Member Secretary



Dr. K V L Raju, Chairman (AC) and Principal chaired the meeting and welcomed all the members to the third Academic Council meeting of MVGR College of Engineering (A) after conferment of Autonomous status.

The following agenda was taken up for discussion:

1. To review the minutes of last Academic council meeting
2. To review the Accreditations and status of current academic programs
3. To review the Human Resources and faculty development programs
4. To review access to e-learning and library resources
5. New infrastructural facilities
6. To discuss about MOOCs
7. To review the co- curricular activities with regard to
 - MoUs with industries
 - Certification programs
 - Internships
 - Professional club activities
 - Soft skills, aptitude and personality development training program
8. To review the extra-curricular activities such as sport/NCC/NSS/Cultural and other promotional activities
9. To record motivational initiatives
 - Gold medals
 - Academic Awards
 - Student incentives
 - Sponsorship - student projects
10. To review and ratify the
 - Syllabus of Audit courses
 - Substitute/Additional subjects for readmitted candidates
11. To review and ratify the minutes of meeting of BoS
12. To review and recommend introduction of new programs/additional intake/closure for the AY 2018-19.
13. To review and discuss recent circulars/notifications from regulating bodies/Universities/State Government
14. Result analysis of B.Tech, M.Tech and MBA for the AY 2016-17.



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15. To review the Academic regulations of B.Tech. and M.Tech. Programs.
16. Any other item with permission of the chair

The minutes of meeting:

3-AC-1: To review the minutes of last Academic council meeting

- Revathi Kasturi, CEO, Laqsh Job skills Academy Ltd, suggested to incentivizing the faculty who got the funded projects.
- As a practice, the Institution is already incentivizing the Principal investigator with 1% of sanctioned amount.
- Revathi Kasturi, CEO, Laqsh Job skills Academy Ltd., suggested to download the MOOCs department wise and provide access to students.
- The Institution is recognized as NPTEL local chapter by IIT-Madras. As a member, the Institution has received 8 Terabytes of Video courses. These courses are segregated as program wise and kept in intranet.
- Dr. A Srinivas Kumar, Associate Director, NSTL, suggested to increase the student engagement in paper presentations and industry internships
- During the AY 2016-17, 251 papers were presented in various competitions.
- The students are encouraged to take active part in industry internships. During the AY 2016-17, 846 students have participated.
- Dr. P Subba Rao, Director of Evaluation, JNTUK, suggested to motivate the faculty & students for effective utilization of e-Journals/Magazines.
- Faculty and students were suggested for effective utilization of e-Journals /Magazines. The usage statistics for the AY 2016-17 is 16, 211. ie., 65 hits per day.
- Ms. Revathi Kasturi ,CEO, Laqsh Job Skills Academy Ltd. suggested to offer MOOCs for audit courses and also suggested to introduce IoT as audit course.
- Students are encouraged to take active part in MOOCs. NPTEL has offered MOOCs for audit courses Soft Skills – 1 and Soft Skills – 2.
- Number of students registered and completed the soft skills - 1 course during the AY 2016-17 = 232.
- Number of students registered for soft skills - 1 course during the AY 2017-18 = 651.
- Number of students registered for soft skills - 2 course during the AY 2017-18 = 518.
- Number of students registered for IoT course during the AY 2017-18 = 112.
- Dr. P Subba Rao, Director of Evaluation, JNTUK, suggested to correlate the data of internal marks and external marks of I B.Tech. I semester.
- The correlation has been carried out and it was observed that for about 80% of courses, the variation of marks in internal and external is less than 20% and for the remaining courses it is in between 20 – 30%.
- For the courses where the variation is greater than 20%, the course & subject files and pedagogy methods adopted by the faculty were reviewed and suggested for necessary improvements.
- Dr. P Subba Rao, Director of Evaluation, JNTUK, suggested to prescribe maximum of 2 Text books and 3 reference books for any course.



- The same was implemented.
- Academic Council opined that adequate residential facilities are built for both students & staff, then the benefits for the learners will be more.
- The Institution laid foundation stone for construction of Boys Hostel with a capacity of 750 students on a budget of 25 cr.

3-AC-2: To review the Accreditations and status of current academic programs

NBA:

- All the 7 B.Tech programs offered by the Institution were given accreditation by National Board of Accreditation (NBA) in the year 2015. Dept. of Chem. Engg. was accredited for 5 years and the rest of the programs for 2 years.
- NBA vide its proceeding dated 09.09.2016 revised the period of the accreditation to 3 years on the submission of the pre-qualification reports

	Program of accreditation	Status of accreditation			
		FIRST TIME ACCREDITATION		SECOND TIME ACCREDITATION	
		Status	Years	Status	Years
1	B.Tech. CHEM	Accredited	3 Years from 13.03.2009	Accredited	5 Years from 01.07.2015
2	B.Tech. CSE	Accredited	3 Years from 10.02.2009	Accredited	3 Years from 01.07.2015
3	B.Tech. ECE	Accredited	3 Years from 13.03.2009	Accredited	3 Years from 01.07.2015
4	B.Tech. EEE	Accredited	3 Years from 10.02.2009	Accredited	3 Years from 01.07.2015
5	B.Tech. IT	Accredited	3 Years from 10.02.2009	Accredited	3 Years from 01.07.2015
6	B.Tech. MECH	Accredited	3 Years from 10.02.2009	Accredited	3 Years from 01.07.2015
7	B.Tech. Civil	-	NOT ELIGIBLE	Accredited	3 Years from 01.07.2016
8	MBA	Accredited	3 Years from 04.01.2013	UNDER PROCESS	

NAAC

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC)

- It is an Institutional accreditation
- The Institution has been accredited since 2009

S.No.	Cycle	Period	Grade
1	Cycle I	Five years from 15.06.2009	A
2	Cycle II	Five years from 03.03.2015	A

In its report the NAAC committee, while presenting all the strengths of the Institution, also listed certain areas for improvement and further strengthening.



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Infrastructure

- Space available for the library expected to be improved.
- Advisable to have an exclusive center for R & D.
- Internet Bandwidth is not sufficient.
- To build residential facilities.

Core competencies

- To further strengthen research publications.
- To actively work for more funded projects.

Board of Studies of all the program departments have met twice and finalized the syllabus and curriculum for all the UG and PG programs being offered.

The following M.Tech programs were closed with effect from AY2017-18

- Machine Design
- Computer Science and Engineering

AICTE has sanctioned the following 3 new M. Tech. Programs effective from AY 2017-18

- Communication Systems
- Data Sciences
- Product Design and Manufacturing.

The BoS meetings of the above program departments were conducted.

All infrastructure including library, laboratories and examination software have been planned for the next period.

B.Tech. PROGRAMS

• Chemical Engineering	: 60
• Computer Science & Engineering	: 180
• Civil Engineering	: 120
• Electronics & Communication Engineering	: 180
• Electrical & Electronics Engineering	: 120
• Information Technology	: 60
• Mechanical Engineering	: 180

M.Tech. PROGRAMS

• Product Design & Manufacturing	: 18
• Data Sciences	: 18
• VLSI	: 18
• Computer Networks & Information Security	: 18
• Structural Engineering	: 18
• Power Systems	: 18
• Communication Systems	: 18

Other PG PROGRAMS

• Master of Business Administration	: 120
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Ph.D.

- Civil, Mechanical, Chemical, CSE, MATHS
- MBA (Committee visited on 24-07-2016, formal approval awaited)
- ECE & EEE (Applied in the month of Feb, 2016 and awaiting committee visit)



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Dr. P. Subba Rao, Director of Evaluation has suggested to explore the possibility for accreditation of PG courses (M.Tech and MBA)

- It is resolved to apply accreditation for MBA Program and explore the possibility for accreditation of M.Tech. Programs.

The status of Accreditations and current academic programs being offered are reviewed and recorded

3-AC-3: To review the Human Resources and faculty development programs

Ph.D.	Ph.D. Thesis Submitted	Ph.D. Pursuing	M.Tech. / PG	B.Tech.	Adjunct Faculty	Total
66	7	84	87	8	18	270

Adjunct Faculty: 18

S.No.	Name Of The Adjunct Faculty	Department	Designation
1	Dr Simhachalam Juttu	MECH	Dy. General Manager, ARAI, Pune.
2	Dr Geddam Bhavani Shankar Prasad	MBA	Director-Personnel, Steel Plant, Visakhapatnam
3	K Srikanth	ECE	Scientist-D-NSTL, VSP
4	R V Kiran Kumar	ECE	Scientist-C-NSTL, VSP
5	V Babu Prasad	ECE	Scientist-D-NSTL, VSP
6	P Anup	ECE	Custom Layout Engineer-GigaCom Semiconductors
7	Garugubelli Ramachandra Rao	ECE	Custom Layout Engineer-GigaCom Semiconductors
8	M Bhagavan Prasad	ECE	SDE, BSNL
9	Madaka Krishna Murthy	ECE	Communications Inspector-A.P. Police
10	Saripalli Srikrishna	CHEMICAL	Senior Team Member, Pharmagel
11	Lekkala Kesava Rao	CHEMICAL	Asst. EE
12	Gutti Kalyan Raju	CSE	Vice President, Sehenax Technologies
13	Varada Sri Harsha	CSE	Sr. Software Developer
14	Thumati Vasudeva Rao	CSE	CEO, Startup Moksha
15	Chekka Rama Gopal	MBA	Chartered Accountant, Professor, VNS Institute of Management, Bhopal
16	Duddu Murali Krishna	MBA	Torrent Pharmaceuticals Ltd., Visakhapatnam
17	Janaki Venkata Satish	MBA	LIC of India, Visakhapatnam
18	K Venkateswara Rao	CIV	Consultant



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The details of faculty development programs are furnished below.

➤ Number of FDPs attended by Faculty	- 342
➤ Faculty Internships	- 102
➤ Number of MOOCs done by Faculty	- 205
➤ Ph.D. awardees	- 14
➤ Ph.D. Thesis Submitted	- 07
➤ Faculty sponsored to pursue full time Ph.D.	- 11
➤ No. of faculty pursuing Ph.D.	- 84
➤ No. of paper publications	-111
➤ Number of Publications with impact factor	- 84
➤ FDPs conducted / organized	- 18

FDP Proposals (2017-18)

S.No.	Dept	Name of the Program	Proposed Date
1	CIVIL	Workshop on Repairing techniques of RC structures	Oct, 15 th , 2017
		Sustainable Water resources Management	March 22 nd , 2018
2	MECH	A Two Day National workshop on "Multi-Functional Nano Materials and Nano Composites"	22 nd and 23 rd of Sep'2017
		A Three Day International Conference on "Advances in Materials, Modeling and Manufacturing"	27 th , 28 th and 29 th of Jul'2017
3	EEE	A one week FDP on Real Time applications of Micro Controllers in Electrical Engineering	18th to 23rd September 2017
4	CSE & IT	R for Data Science	November 2017
		FDP on "RAISE – Networks"	12.06.2017 to 17.06.2017
5	ECE	Workshop on Advanced Antenna Designs	September 18 th to 23, 2017
6	MBA	Workshop on Case preparation	Nov'2017
		Workshop in HRM	15 & 16 Dec'2017
		National Seminar on Innovations in Marketing	Feb'2018

Funded Projects sanctioned for the academic year 2016-17: 04

Title of the project	Funded by	Dept.	Amount in Rupees
Funds for improvement of S&T infrastructure	DST	College	30,00,000



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Design and Development of Ku Band Microstrip Patch Antenna Array for Satellite applications	DST	ECE	40,00,000
Process optimisation studies on removal of heavy metal from waste water using mixed adsorbents	DST	CHE	26,58,000
Wavelet entropy based multi-scale performance analysis of hydrological models	DST	Civil	19,16,000
Total			1,15,74,000

Institutional Funded Projects sanctioned under FORAY for the academic year 2016-17

Sl.	TITLE OF THE PROJECT	NAME OF PI	SANCTION ORDER	SANCTIONED AMOUNT
1	MOOCS@MVGR	Ms Sobha Rani	FORAY/2016-17/02IT	152,000
2	Viability of stand-alone hybrid renewable energy water Pumping System for agricultural applications in Vizianagaram	Dr M Subrahmanyam	FORAY/2016-17/01MEC	365,000
3	Evaluation of Efficiency Factor Models used in Strut-and-Tie Modeling of Non-flexural Members for fiber reinforced concrete	Mr S Muralisagar Varma	FORAY/2016-17/05CIV	320,000
4	Influence of fibers on Mechanical properties of hybrid fiber reinforced concrete for different grades of concrete project	Mr S.Siva Bhanu Sai Kumar	FORAY/2016-17/08CIV	300,000
5	Electronic Travel Aid for Visually Impaired	Mr K.Rakesh	FORAY/2016-17/08ECE	380,000
6	Adaptive Traffic Control System	Dr R Ramana Reddy	FORAY/2016-17/12ECE	355,000
Total				18,72,000

Ongoing Funded Projects

Sl	Title of the project	Agency	Principal Investigator	Sanctioned Amount Rs.	Status of the project	Sanction number
1	Wavelet entropy based hydrological model performance analysis	DST	Dr. R. Maheshwaran	19,16,000	Running	IFA12/ENG-28
2	Design and Development of Ku Band Microstrip Patch Antenna Array for Satellite applications	DST	Dr. G.Anjaneyulu	40,00,000	Running	DST/EMR/WTI/2K15/210(G)



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3	Process optimization studies on Removal of Heavy Metals from Waste Water using Mixed Adsorbents	DST	Dr. D. Krishna	26,58,000	Commenced	DST/TM/WTI/2 K15/210(G)
4	Funds for improvement of S&T infrastructure	DST	Dr. K. V. L. Raju	30,00,000	Commenced	SR/FST/College -291
5	Nitrite ion and fluoride ion footprints in the ground water	UGC	Mr. G. V. S. K. Pavan Kumar	2,95,000	Commenced	F.NO: 4-4/2014-15 (MRP-SEM/UGC-SERO)
6	Development of Optode for Fluoride by Digital Color Analysis	DST	Dr. T. V. N. Partha Sarathi	27,65,940	Running	DST/TM/WTI/2 K12/184(C)
7	Surfactant impregnated chitosan as adsorbent removal of dyes from industrial effluents	UGC	Mr. G. Ram Kumar	3,40,000	Running	MRP-4574/14 (SERO/UGC)
8	An Efficient Brain MR Image Segmentation for Easy Diagnostic Process	IEI	Dr. V. Nagesh	1,50,000	Running	R.5/2/UG/13-14
Total				1,51,24,940		

No. of Trained & Certified Resource persons for the AY 2016-17): 60

S.No.	Name of the Certification Program	Dept	MoU with	Number of Trained & Certified Resource Persons
1	Creo, Windchill (PLM), Ansys	MEC	PTC Bengaluru	10
2	Embedded Systems (Micro Controller & Embedded Processors)	ECE	Think Labs IIT Bombay	07
3	NI Lab view (NI Software and Hardware Modules)	ECE	National Instruments, Bengaluru	06
4	IOT Internet of Things	ECE	Phytec Embedded Pvt. Ltd, Bangalore	03
4	MTLC (Unified Technology Learning Platform)	ECE	WIPRO Bengaluru	02
5	AC Drives	EEE	SIEMENS	05
6	PLC	EEE,ECE& MECH	SIEMENS	08
7	MAT Lab	EEE		02



8	EPANET (Hydraulic Analysis of water supply pipe network)	CIVIL		02
9	Staad.Pro	CIVIL		01
10	GIS	CIVIL	IIRS Dehradun	03
11	Processing Equipment Design	CHEM	SIMTECH Solutions Hyderabad	04
12	JAVA programming	CSE	Oracle Corporation	03
13	PEGA	CSE	VIRTUSA Hyderabad	02
14	Information security analyst &Data Analytics	CSE	APSSDC & NASSCOM	02
15	CCNA	CSE	CISCO	02
16	Ethical Hacking	CSE	EC-Council academia	01
Total				63

Faculty recognized as Research Supervisors by JNTU-K - 36.

S.No.	Name of the Dept.	No. of Faculty recognized as supervisors
1	CIVIL	02
2	EEE	03
3	MECH	08
4	ECE	05
5	CSE	07
6	CHEM	06
7	IT	01
8	MBA	02
9	Maths	01
10	Chemistry	01
Total		36

Reviewed and recorded



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3-AC-4: To review access to e-learning and library resources

The details are furnished below.

Titles	Volumes	Average Users per Day	Area Sft.s
18,351	41,755	325	9,329

- Central Library construction in progress: **45,000 sft**

TITLES & VOLUMES

- Titles: 18351
- Volumes: 41755

E-BOOKS

- McGRAW-HILL-365 nos
- ASTM Digital Library-1700

E-JOURNALS

- IEEE-161
- SPRINGER(Electrical& Electronics)-134
- SPRINGER (Mechanical)-46
- ASME (Mechanical Engineering)-36
- ASCE (Civil Engineering)-34
- ELSEVIER (Science Direct)-275

ARTICLE DATABASE

- J-GATE Engg. – 1,763
- J-GATE Management– 2128

Internet Bandwidth: **225 mbps**

Reviewed and recorded

**3-AC-5: New infrastructural facilities**

- Roof top Solar power plant of 400 KWp was installed in the campus on 1st January 2017
- Establishing an exclusive space - about 32,000 sft. estimated to cost Rs. 4.0 cr. for housing centrally all the R & D initiatives of the Institution.

Number of existing Labs (up to AY 2016-17): 66

Cost : about Rs. 11.5 Crores

- The following new laboratory / Infrastructure has been established during the AY 2016-17 against curricular changes, aging, Technological obsolescence and requirements of additional skill development.

Sl	Lab / Infrastructure (AY-2016-17)	Branch
1	IOT Lab	ECE
2	CAD & GIS - Arc GIS Spatial Analyst – (Civil)	Civil
3	Vicker's Micro Hardness Equipment Capacity – 1 Kg	Mech.
	Computerized Testing setup for Universal Testing Machine – UTM – Capacity: 20 Ton	
	Hydraulic Pipe Bending Machine – PT Lab Capacity: 2" x 3mm	
	Pin on Disc – Capacity: 0 to 2000 micro mms	
	SIEMENS – APSSDC – MVGR	
	AC & Refrigeration Lab	
	Automotive 2 wheeler & 4 wheeler Lab	
	Industrial Welding Lab	IT
	Manufacturing Lab (CNC Lab)	
	Design Lab	
4	Computer Lab with 40 systems replacing the existing against aging and technological Obsolescence .	

3-AC-6: To discuss about MOOCs



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Students are encouraged to take active part in MOOCs and the same will be considered as credit course for Foundation Elective / Core Elective / Open Elective.

The following criteria are followed by IIT-Madras for allocation of credits to NPTEL MOOCs.

- 4 weeks course = 1 credit
- 8 weeks course = 2 credits
- 12 weeks course = 3 credits

The students from departments of Civil Engineering and Mechanical Engineering of A1 regulations are opting NPTEL MOOCs (12 weeks) as Open Elective for the AY 2017-18.

- It is resolved to consider 12 weeks course offered by NPTEL as open elective for 3 credits.
- The NPTEL MOOCs (12 weeks) opted by the students as open elective was reviewed and ratified.

Dr. P Subba Rao, Director of Evaluation, has suggested to offer MOOCs to other Institutions.

- It is resolved to explore the possibility of offering the MOOCs to other Institutions.

3-AC-7: To review the co- curricular activities with regard to

- MoUs with industries
- Certification programs
- Internships
- Professional club activities
- Soft skills, aptitude and personality development training program

MoUs signed 2016-17 : 09

SL	COLLABORATING ORGANIZATION	Date of Start of MoU	STATUS	PURPOSE
1	Tata Consultancy Services (TCS)	29.04.17	Active	Academic Interface Program
2	Virtusa-Polaris	16.06.16	Active	Centre of Excellence on PEGA
3	CYIENT	23.12.16	Active	Campus and Pool Campus Hiring Institute



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4	Leadership Foundation	15.11.16	Active	To establish Technology Hub for Student Activity Centre
5	Conduira	24.04.17	Active	Providing CRT and Online portal support
6	Costuco Pvt. Ltd	08.11.16	Active	Providing Liasoning and Corporate relations with Industry
7	Nicco Ventures Limited	13.08.16	Active	Providing Placement Assistance
8	Internshala	17.11.16	Active	Providing Internships to students
9	Caussius Technologies	14.06.16	Active	To provide better visibility to the college among recruiters

Training Programs conducted by Training & Placement Cell -2016-17

S.No	Training Program	Provider	Number of Hours	Target Group	No of Students Trained
1	CRT	Conduira	100	Final Year B.Tech & MBA Students	694
2	Company Specific Training	FACE	18	Final Year B.Tech	694
3	Freshmen Induction Program	FACE	45	First year B.Tech Students	893
4	Life Skills Training Program	3 ORBS	45	ALL II Year B.Tech Students	1062

No. of students qualified in GATE 2017 : 35

Certification programs 2016-17

In addition to training on curriculum the Institution encourages the students to actively engage in activities for skill development, learning a new tool etc., About 443 students from various departments underwent training leading to certification by a collaborating industry partner.

No. of students certified	
Name of the program	No. of Students
GIS in collaboration with IIRS	07
EPANET	09
Training Program on SIEMENS PLC	37
PTC (Creo, ProE)	75
CFD	31
Embedded Systems Certification Program	40
NI Lab-View Training Program	72
IoT	40
JAVA	45
CCNA	33
CEH	5
Interview Self Selling	35
Coding Contest	14
TOTAL	443



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Number of Student Internships: 846

Student Internships & Professional Club activities (2016-17):

Dept.	No. of students who have done industry internship
CIVIL	73
EEE	132
MEC	175
ECE	220
CSE	72
CHEM	53
IT	3
MBA	118
TOTAL	846

- Also 251 paper presentations were made by the students in various competitions during the AY 2016-17
- The Institution has invited experts from industry to deliver guest lectures and seminars. During the AY 2016-17, 53 such guest lectures were conducted.

Student placements 2016-17

S.No	Name of The Company	No of Selects	S.No	Name of The Company	No of Selects	S.No	Name of The Company	No of Selects
1	TCS	17	25	WHI	2	49	Perceptice Analytics	7
2	Virtusa-Polaris	10	26	CODENOVUS	10	50	Full Creative	4
3	HSBC	1	27	Sopra Steria	0	51	Webnoo Technologies	5
4	Hyundai	3	28	Sonata Software	8	52	Abhra Inc	10
5	Apps Asscciate	5	29	Teradata	1	53	Trigent Software	8
6	Soctronics	2	30	Talli Godavari Fine Chemicals Pvt Ltd	10	54	SV Enviro Labs & Consultants	2
7	PHY Research	10	31	Hyundai Mobis **	3	55	Industrial Chemical Corporation	3
8	Medha Servo	1	32	Efftronics	6	56	CtrlS **	20
9	UX Reactor India Pvt.Ltd	3	33	Nagarro	3	57	Cloud4C **	20
10	IMEG	2	34	SuneraTech	6	58	BNP Paribas***	11



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	Engineering Pvt.Ltd							
11	Bondada Engineering Pvt.Ltd	4	35	Multiplier Solutions	3	59	Sevya IT ***	10
12	Abhyeti Technologies Interns **	13	36	Innovative Apps	6	60	Bosch ***	10
13	Artech Info	18	37	Amazon	4	61	Ankur lamps & Lightings	4
14	Com Tec	4	38	Greenpeace India	7	62	Robospecies	-
15	Trianz	17	39	AVRA Labs	13	63	VEM Technologies	3
16	Dynamics Square **	18	40	Harpy Core Network India	9	64	Atlas Copco	1
17	Tayana Solutions	7	41	Build Mate	0	65	Mahindra First Choice Services	6
18	XportSoft	6	42	Cyient	10	66	Grey Campus	-
19	Mordor Intelligence	2	43	Tectura India	1	67	Ricksun Infotech	2
20	Bonfiglioli-India	1	44	L & W Construction	14	68	Vizianagaram Municipality	11
21	Miracle Software	8	45	Caddy Code	5	69	Deyzworks	2
22	Suventure **	5	46	Rajdeep Info Techno	19	70	Malladi Drugs & Pharmaceuticals	1
23	JMC Projects	0	47	Deccan Fine Chem India Pvt.Ltd	4		Total	452
24	Tilicho Intern	2	48	Indus Teqsite	9			

Reviewed and recorded.

3-AC-8: To review the extra-curricular activities such as sport/NCC/NSS/Cultural and other promotional activities

List of students - represented JNTUK – 2016-17: 14

S.No	Name of the Student	Game	Year/ Branch	Tournament held during the Period
1	D.Venkateswara Rao	Athletic	4/4 ECE	10.12.16 to 16.12.16
2	N.Nishant	Athletic	4/4 Civil	10.12.16 to 16.12.16
3	Shaik Noor Basha	Volley Ball	4/4 CSE	02.12.16 to 06.12.16
4	V.Hemanth Kumar	Cricket	4/4 EEE	02.01.17 to 11.01.17
5	G.Janakiram	Cricket	2/2 MBA	02.01.17 to 11.01.17



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6	T.S.R.L.V.Durga Prasad	Cricket	3/4 ECE	02.01.17 to 11.01.17
7	B.Eswara Prasad	Cricket	3/4 ECE	02.01.17 to 11.01.17
8	M.Rakesh Varma	Hockey	2/4 CIVIL	27.12.16 to 31.12.16
9	G.Prasanna Kumari	Basket Ball (W)	2/4 ECE	10.12.16 to 14.12.16
10	S.Monalisa	Basket Ball (W)	2/4 CSE	10.12.16 to 14.12.16
11	G.Shanmukha Rao	Foot Ball	4/4 Mech.	11.01.17 to 21.01.17
12	B.Sivaji	Foot Ball	3/4 Chem.	11.01.17 to 21.01.17
13	G.Venkatesh	Foot Ball	4/4 Mech.	11.01.17 to 21.01.17
14	M.Lokesh Kumar	Chess	1/4 EEE	12.10.16 to 15.10.16

Extra - Curricular Activities

- College Volley Ball Team - Winners of JNTUK 'A' Zone Inter Collegiate tournament 6th & 7th January, 2017 and Qualified to Central Zone, JNTUK conducted on 26th & 27th February, 2017.
- College Basket Ball Team - Runners of JNTUK 'A' Zone Inter Collegiate tournament 6th & 7th January, 2017 and Qualified to Central Zone, JNTUK conducted on 27th February, 2017
- 2 Gold Medals secured by Mr.D.Venkateswara Rao (4/4 ECE) in Long Jump and High Jump in JNTUK 'A' Zone Inter Collegiate Meet conducted on 8th & 9th December, 2016
- 3 Bronze Medals secured in JNTUK Athletics Inter Collegiate Meet by Mr.D.Venkateswara Rao (4/4 ECE) in Javelin, N.Nishant (4/4 ECE) in 400 mtrs. Running and Usha Kiran (4/4 ECE) in Discuss Throw in JNTUK 'A' Zone Inter Collegiate Meet conducted on 8th & 9th December, 2016
- Individual Athletic Championship to Mr.D.Venkateswara Rao (4/4 ECE) in Inter Collegiate Athletics Meet at JNTUK, Kakinada in 8th & 9th December, 2016

Cultural

- Mr. Shaik Ishaq Vali (Civil 4th year) is one of the singers for movie 'Naruda Donaruda'.
- Ms. Sireesha (IT 3rd year) - Selected Indian Idol among top 40 and as a 'Duo' with her sister in Rising Stars show in Colors Channel.

NCC

- NCC Unit – 100, 'B' Certificate - 37; 'C' Certificate - 29; Mr.D.Venkateswara Rao, 4/4 ECE and Mr.N.Nishant, 4/4 Civil - Best Cadets.

NSS

- 15 Programmes 100 Volunteers enrolled; Mr.S.H.V.Prasad, 4/4 Mechanical, I.Vishnu Priya, 4/4 Chemical and B.R.S.Bharadwaj, 3/4 ECE – Best Volunteers



- For the academic year 2016-17 – 850 Units of Blood donated
- Best Blood Donation Camp - District level award - by Red Cross Society
- Best Blood Donation Camp - District level award - by M.R Blood Bank
- Adopted Villages: Chintalavasala & Boddavalasa – actively participated in empowerment programs and also supported and conducted plantation program Boddavalasa School
- Facilitated Skill Development Training to around 60 unemployed village youth

Surya Mitra

About 30 candidates with Diploma / ITI certificate have attended Surya Mitra training program conducted the period November, December, January. The program was sponsored by NISE, New Delhi and coordinated by NREDCAP, Vizianagaram

MVGR Sujala Sravanthi - June 2017

MVGR College of Engineering initiated a program “MVGR Sujala Sravanthi” – RO water is being distributed in Chintalavalasa village at Rs. 2/- for a can of 20 Ltrs.

Women literacy program

The Institution as a part of out reach program under taken 30 day adult literacy program exclusive for women in the age group of 25 to 60 years

- About 50 women from Chintalavalasa village are participating actively
- 16 women staff members of the Institution providing the training services

Reviewed and recorded.

3-AC-9: To record motivational initiatives

- Gold medals
- Academic Awards
- Student incentives
- Sponsorship - student projects

Motivational Initiatives

All the meritorious candidates securing top ranks in their respective classes are awarded academic awards :

- a) An amount of Rs.35,000/- cash award for I ranker from each class
- b) An amount of Rs.23,333/- cash award for II ranker from each class
- c) An amount of Rs.11,667/- cash award for III ranker from each class



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S.No	Program & Year	Number of Students	Amount (Rs.)
1	I B.Tech.	15	4,08,333
2	II B.Tech.	15	3,96,666
3	III B.Tech.	15	4,02,499
4	IV B.Tech.	12	69,779
5	M.Tech.	7	70,000
6	MBA	3	50,000
7	MCA	1	5,000
TOTAL		68	14,02,277/-

Medals instituted

SL	Institutional Medal	Dept.
1	Dr. P. Anand Gajapathi Raju Memorial Gold Medal	Overall topper
2	Maharaj Anand Gajapathi Raj Memorial Gold Medal	CHEM
3	Dr. PVG Raju Memorial Gold medal	CIVIL
4	Maharaj Alaknarayan Gajapathi Raj Memorial Gold Medal	CSE
5	Maharani Vidyavati Devi Memorial Gold Medal	ECE
6	Maharani Urmila Devi Appalakondayamba Memorial Gold Medal	EEE
7	Maharani Lalitha Kumari Devi Memorial Gold Medal	IT
8	Maharaj Vijayram Gajapathi Raj Memorial Gold Medal	MECH
9	Rajkumari Sucharitha Gajapathi Raju Memorial Gold Medal	MBA
10	Maharaj Narayana Gajapathi Memorial Gold Medal	MCA
Sponsored Medals		
11	K.Vani Manasa Memorial Medal	CSE



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12	Prof B Harinarayana Rao Memorial Medal	EEE
13	Prof. G J V J Raju Foundation Medal	CHEM
14	Gumpina Praneeth Kumar Memorial Medal	IT

Institutional Sponsorship-National level competitions

S.No	Name of the Team	Vehicle	Sponsored amount in Rs.	Organized By	Position	Awards
1	TEAM INVINCIBLE-SAE BAJA 2016	Design and fabrication of All-Terrain Vehicle	3,20,895/-	Society of Automotive Engineers (SAE) India, Indore	50/400	--
2	TEAM AADHYA - 2017	Design and fabrication of Go Kart	1,15,653/-	Vishnu Go Kart Championship-Bhimavaram	15/50	Only Girls team (16) represented at National level event
3	Team Trail Blazers-2016	Design and fabrication of E-bike	98,000/-	Vishnu E-moto Championship Bhimavaram	8/45	Best Design Award with Rs.10,000/- cash Prize And Trophy
4	SAE SUPRA'2016	Design and fabrication of Racing Car	2,61,771/-	Society of Automotive Engineers (SAE), Greater Noida, India	40/200	--

Reviewed and recorded

3-AC-10: To review and ratify the

- Syllabus of Audit courses
- Substitute/Additional subjects for readmitted candidates
- Syllabus of Audit courses



VIJAYARAM NAGAR CAMPUS, CHINTALVALASA VIZIANAGARAM-535 005
08922-241199, 241732, Fax : 08922-241039, 241014 Website : www.mvgrce.edu.in





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Syllabi of audit courses like Professional Ethics & IPR and Entrepreneur Development are discussed and ratified.

Substitute / Additional subjects

ECE

A student Kola Sai Latha bearing Regd. N0 15335A0419 of R13 Regulations was detained in II.Btech II Semester due to lack of attendance during the AY 2015-16. The same student was readmitted in B.Tech IV semester during the AY 2016-17 along with A1 regulations batch.

R13 Regulations

The Number of credits upto II B.Tech I Semester = 22

A1 Regulations

The Number of credits upto B.Tech III Semester = 25

The BoS has recommended the following additional Subject(s) to make credit equivalency.

Branch	Additional Course(s) to be studied by the student	No. of Credits
ECE	Switching Theory and Logic Design	3

CSE

A student A Yaswanth bearing Regd. N0 14331A0503 of R13 Regulations was not promoted from II year to III year due to lack of credits during the AY 2016-17. The same student was readmitted in B.Tech V semester during the AY 2017-18 along with A1 regulations batch.

R13 Regulations

The Number of credits upto II B.Tech II Semester = 91

**A1 Regulations**

The Number of credits upto B.Tech IV Semester = 96

The BoS has recommended the following additional Subject(s) to make credit equivalency.

Branch	Additional Course(s) to be studied by the student	No. of Credits
CSE	Structured Data Storage (DBMS)	3
	DBMS Lab	2

Dr P Subba Rao, Director of Evaluation has suggested to submit the details of readmitted candidates (under Autonomy stream) to University for ratification.

- It is resolved to submit the details of readmitted candidates (under Autonomy stream) to University for ratification.

3-AC-11: To review and ratify the minutes of meeting of BoS

Departments of Mechanical Engineering, ECE and Information Technology have introduced new M.Tech programs from the A Y 2017-18. The details are given below.

S.No.	Name of the Program	Offering Department
1.	M.Tech-Product Design and Manufacturing	Mechanical
2.	M.Tech-Communication Systems	ECE
3.	M.Tech-Data Sciences	IT

BoS Meeting was conducted by above departments on 10.06.2017 and 24.06.2017 respectively to discuss and finalize the course structure and syllabus.

Discussed and ratified



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3-AC-12: To review and recommend introduction of new programs/additional intake/closure for the AY 2018-19.

- It is resolved to continue with same existing programs for the AY 2018-19. Propose introduction of Ph,D programs in Civil Engineering ,Electrical & Electronics Engineering ,MBA. and Mathematics.

3-AC-13: To review and discuss recent circulars/notifications from regulating bodies/ Universities/ State Government

NBA:

- Lr. No.11-84-2010-NBA, dt.09.09.2016 – Extension of the period of Accreditation Status granted to UG Engineering Program(s) offered by MVGR

APSCHE:

- G.O.Ms.No.39, dt.24.06.2016 –Fixation of fee structure for B.E/B.Tech courses in Private Un-aided Professional Institutions in the state of Andhra Pradesh for the block period to 2016-17 to 2018-19 – Notification – Issued.
- G.O.Ms.No.40, dt.24.06.2016 –Fixation of fee structure for M.E/M.Tech courses in Private Un-aided Professional Institutions in the state of Andhra Pradesh for the block period to 2016-17 to 2018-19 – Notification – Issued.
- G.O.Ms.No.49, dt.28.07.2016 –Fixation of fee structure for MBA/MCA courses in Private Un-aided Professional Institutions in the state of Andhra Pradesh for the block period to 2016-17 to 2018-19 – Notification – Issued.

JNTUK:

- Lr.No.DAP/B1/Clearing of Dues/2015-16,dt.17.05.2016 – Academic & Planning – EAMCET/PGECET/ICET – 2016 – Counseling – Clearing of Dues.
- Lr.No.JNTUK/RP/Academic/2016, dt.24.05.2016 – Academic matters – Access to reputed e-Journals – Meeting of Managements/Principals of the Affiliated Colleges – Rescheduled.
- Lr.No.JNTUK/DAP/B1/B.Tech/B.Pharmacy/2016-17, dt.26.05.2016 – Grant of Temporary / Renewal Affiliations to Private Engineering Colleges under the jurisdiction of JNTUK for the academic year 2016-17 – List-1 of



Approved Affiliated Colleges and particulars of intakes for inclusion in the EAMCET-16 Counseling.

- Lr.No.DAP/Bio-Metric/2016, dt.28.05.2016 – DAP – Furnish the information regarding Bio-Metric implementation system.
- DAP/B1/National e-Scholarship/2016-17, dt.23.06.2016 – Affiliated colleges – Implementation of “Central Sector Scheme of Scholarship for College students through National 3-Scholarship” – Online Application.
- Lr.No.JNTUK/DGS/UGC/GB Meeting/2016, dt.05.08.2016 – General Body Meeting – Faculty of Physical Education.
- Lr.No.DAP/B1/Dues/2016-17(33), dt.17.08.2016 – Academic & Planning – Clearing of dues.
- Lr.No.1/Registrar/DFD/FDP on improving the presentation skill in teaching/2016-17, dt.10.09.2016 – Directorate of faculty Development (DFD) – Faculty Development Programme (FDP) – One day workshop on improving the Presentation Skills in teaching for Engineering and MBA faculty.

Reviewed and recorded

3-AC-:14 Result analysis of B.Tech, M.Tech and MBA I semester

Academic Performance of B.Tech. 2012-16 Batch

Branch	Appeared	Awarded	Distinction	I class	II class	Pass Class	Pass %
CIV	136	112	49	47	16	0	82.4
EEE	143	124	62	49	13	0	86.7
MECH	218	192	122	66	4	0	88.1
ECE	202	155	86	64	5	0	76.7
CSE	132	110	45	46	19	0	83.3
CH	66	48	20	22	6	0	72.7
IT	49	39	13	20	6	0	79.6
TOTAL	946	780	397	314	69	0	
Overall%		82.45	50.90	40.26	8.85	0	

Academic Performance of B.Tech 2013-17 Batch



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Branch	Appeared	Awarded	Distinction	I class	II class	Pass Class	Pass %
CIV	140	109	67	31	6	5	77.9%
EEE	135	112	65	44	3	0	83.0%
MECH	213	183	128	55	0	0	85.9%
ECE	208	172	104	60	8	0	82.7%
CSE	139	111	62	46	3	0	79.9%
CHE	63	38	32	6	0	0	60.3%
IT	56	32	18	14	0	0	57.1%
Total	954	757	476	256	20	5	79.4%
Overall %		79.4%	62.9%	33.8%	2.6%	0.7%	

Autonomous results

B. Tech (2015 Batch)	Overall Pass %
I Semester	65.22
II Semester	69.55
III Semester	66.63
IV Semester	75.30
B.Tech. (2016 Batch)	
I Semester	73.34
II Semester	67.09
M.Tech. (2015 Batch)	
I Semester	86.08
II Semester	87.34
III Semester	98.75
M.Tech. (2016 Batch)	
I Semester	77.08
MBA (2015 Batch)	
I Semester	95.80
II Semester	99.14
III Semester	97.41
IV Semester	100.00
MBA (2015 Batch) overall result	93.16
MBA (2016 Batch)	
I Semester	99.08



Dr P Subba Rao, Director of Evaluation, has suggested the following:

- To explore the possibility of Online testing methods for Internal Assessment.
- It is resolved to explore the possibility of Online testing methods for Internal Assessment.
- To ensure that questions in the question paper cannot be repeated frequently
- It is resolved to ensure that questions in the question paper cannot be repeated frequently.

The results of UG & PG (Under Autonomy) were reviewed and ratified.

3-AC-15: To review of the academic regulations of B.Tech and M.Tech Programs.

B.Tech.

Existing guidelines for promotion

- A Student shall be promoted from IV semester to V semester and VI semester to VII semester subjected to fulfill the academic requirement of 50% of the credits up to IV semester and VI semester respectively.

Proposed guidelines

- A Student shall be promoted from IV semester to V semester and VI semester to VII semester subjected to fulfill the academic requirement of 40% of the credits up to IV semester and VI semester respectively.

M.Tech.

Existing guidelines for project

- He / She shall publish the work in journal or International conference of repute and relevance.
- A representation is received from the Department of Civil Engineering seeking the permission to allow the students to submit the dissertation without



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publishing the paper in Journal because the paper is already communicated to Scopus Index Journal and it takes 6 to 12 months for publishing. This is leading to inordinate delay in the completion of the course effecting the career prospect of the student.

Proposed guidelines

- For all cases, paper communicated to Scopus indexed journal, the Project Review Committee(PRC) shall review / validate and recommend submission of dissertation.

Existing guidelines for PG programs (MBA & M.Tech.)- 2015-16 batch

Valuation procedure

- Single Valuation with Chief Examiner.
- Valuation shall be done by external examiner while the Chief Examiner is from our Institution.
- Revaluation: On application a candidate may seek Re-Valuation of the script.

Proposed guideline w.e.f. 2016-17 batch

Valuation procedure

- Double valuation is proposed – Internal and External evaluation.
- If the difference of two valuation is less than or equal to 12 marks then the maximum mark is considered as final mark.
- In cases where the difference is more than 12 marks, the results committee shall review and recommend appropriate action including third valuation.
- Introduction of challenge valuation in place of revaluation.



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3-AC-16: To discuss about the Boys hostel and residential quarters for staff.

Academic Council having reviewed the physical infrastructure, human resources and highly promotive and enabling environment in the system observed that the learners shall derive the maximum benefits of very substantially equipped departments along with highly enriched human resources. If adequate residential facilities are built for both students & staff, then the benefits for the learners will be more.

(Dr. Y M C Sekhar)
Member Secretary

(Dr. K V L Raju)
Chairman

Date: 16/4/2016

Maharaj Vignanam GATEWAY RT College of Engineering (Autonomous)
Vizianagaram 2nd Academic Council Meeting held in the Institution
Premises on 16.04.2016 at 11.00 A.M. btl m mmtth? dgrm
mant dgrm

Members Present

(1) Dr. K.V.L. RATH
Principal

Chairman (18)
mant dgrm

(2) Dr. B. Prabhakar Rao
Rector, INTUK, Kakinada

Member (19)
030

(3) Dr. K. Padma RATH
Director - Academics & Planning
INTUK, Kakinada.

Member (20)

(4) Dr. P. Subba Rao
Director - Evaluation
INTUK, Kakinada

Member (21)
mant dgrm

(5) Sri A. Mahan Fernando
Head - HR Mobilization AU (HRMC)
Conflict Centre, L&T Construction

Member (22)
mant dgrm

CRC Centre, 3rd Floor, Chennai - 600089.

Member (23)
mant dgrm

(6) Dr. J. S. N. RATH
Chairman
The Institution of Engineers (India)
A.P. State Centre
Hyderabad.

Member (24)
mant dgrm

(7) Sri G. Shov Kumar — Member —
CEO
Maple Software Pvt. Ltd
Vidyalakshmi.

(8) Dr. A. Srinivas Kumar — Member —
Associate Director
NSTL, Vidyalakshmi

(9) Ms. Revathi Kothari — Member —
CEO
CAVAK Job Skills Academy Ltd.
Bangalore

(10) Prof. D.J.S. Ramesha Rao — Member —
Vice-Principal (Admin)

(11) Dr. CH. Ramesha Rao — Member —
A.M.T. Principal (Academics)

(12) Dr. R. Ramakrishna — Member —
Dean - R&D

(13) Dr. B. Rameshaiah — Member —
Dean - Strategic Planning

(14) Dr. M. Sunil Prakash — Member —
Dean - Training & Placement

(K. Praveen)

~~March 24th 1895~~
1895 - 1896

— Member *[Signature]* (10)

— member of A-2 (2)

— member of the board (20)

Member *James J.*
10102 - N.Y. rd. (10)
(Armed Forces) 10102 - N.Y.

- Member Angela

- Number PSB

Member Jon White

member GC

— Member *(Jew)*

(25) Dr G. Srinivasa Reddy — Member
— Hod - Physics

(26) Dr. P. Govinda Rao — Member
— Hod - Mathematics

(27) Mr. S. Mohan Kumar — member
— Hod - English & Humanities

(28) Mr. Viswanathan — member
— Mr. Manager - HR
— Mr. Chinnai

(29) Dr. Y. H. C. Sekhar — member Secretary
— Vice - Principal (Academics)



Minutes of meeting of Academic Council

A Meeting of the Academic Council is held on 16.04.2016 at 11.00 AM at Conference hall, Admin. Block. The following were present:

- | | |
|---|----------|
| 1. Dr.K.V.L.Raju
Principal | Chairman |
| 2. Dr.B.PrabhakaraRao
Rector,JNTUK, Kakinada | Member |
| 3. Dr.K. Padma Raju
Director – Academics & Planning,JNTUK, Kakinada | Member |
| 4. Dr.P.Subba Rao
Director – Evaluation,JNTUK, Kakinada | Member |
| 5. Mr.A.Mohan Fernando
Head - HR Mobilization Cell (HRMC),Corporate Centre
L & T Construction,CRR Centre, Third Floor, Chennai. | Member |
| 6. Dr.I.S.N.Raju
Chairman – Elect
The Institution of Engineers (India),A.P.State Centre | Member |
| 7. Mr.G.S.Shiv Kumar
CEO,Maple Software Pvt.Ltd,Visakhapatnam | Member |
| 8. Dr.A.Srinivasa Kumar
Associate Director,NSTL,Visakhapatnam | Member |
| 9. Miss.RevathiKasturi
CEO,LaqshJobskills Academy Ltd,Bangalore | Member |
| 10. Mr. Viswanadhan
Senior Manager, HR, Wipro, Chennai. | Member |
| 11. Prof.D.J.J.RamachandraRaju
Vice-Principal (Administration) | Member |
| 12. Dr.Ch.PurnachandraRao
Asst. Principal (Academics) | Member |
| 13. Dr.R.Ramesh
Dean – R & D | Member |



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14. Dr.P.Ravindranath Dean – Strategic Planning	Member
15. Dr.M.SunilPrakash Dean – Training & Placement and PG Programs	Member
16. Dr.T.V.N.ParthaSarathi Dean – Examinations	Member
17. Dr.S.SrinivasaRao Dean – Student Affairs	Member
18. Dr.S.Adinarayana HOD – Mechanical	Member
19. Dr.K.S.S.RamaRaju HOD – MBA	Member
20. Dr.R.Ramana Reddy HOD – ECE	Member
21. Dr.V.Nagesh HOD – IT	Member
22. Prof.P.SitharamaRaju HOD – CSE	Member
23. Dr.D.K.Mohanta HOD – EEE	Member
24. Dr.S.S.S.V.GopalaRaju HOD – Civil	Member
25. Dr.Ch.V.SubbaRao HOD – Chemical	Member
26. Dr.G.Srinivasa Reddy HOD – Physics	Member
27. Dr.P.GovindaRao HOD – Mathematics	Member
28. Mr.S.Mohan Kumar HOD – English	Member
29. Dr.Y.M.C.Sekhar Vice-Principal (Academics)	Member Secretary



Dr. K V L Raju, Chairman (AC) and Principal chaired the meeting and welcomed all the members to the second Academic Council meeting of MVGR College of Engineering. Before starting the meeting, all the members observed 2 minutes silence as a mark of respect and also paid homage to Dr. P. Anand Gajapathi Raju, Chairman- MANSAS, who has passed away on 26-03-2016.

After that, the following agenda was taken up:

1. To review the minutes of the previous meeting
2. To review the status of current academic programs
3. To review the faculty development programs
4. To review access to e-learning and library resources
5. To review the co curricular activities with regard to
 - MoUs with industries
 - Certification programs
 - Internships
 - Professional club activities
 - Soft skills, aptitude and personality development training program
6. To review the extra-curricular activities such as sport/NCC/NSS/Cultural and other promotional activities
7. To record motivational initiatives
 - Gold medals
 - Academic Awards
 - Student incentives
 - Sponsorship - student projects
8. To review and ratify the
 - Syllabus of Foundation electives & Audit courses
 - Substitute subjects for readmitted candidates
9. To review and ratify the minutes of meeting of all the BoS
10. To review and recommend introduction of new programs/additional intake/closure
11. To review and discuss recent circulars/notifications from regulating bodies/Universities/State Government



12. Result analysis of B.Tech, M.Tech and MBA I semester
13. Any other item with permission of the chair

The minutes of meeting:

2-AC-1: To review the minutes of the previous meeting

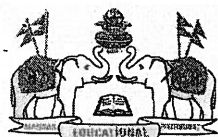
- Number credits for the award of B.Tech., M.Tech and MBA are 180, 80 and 80 respectively
- Number of credits for project work of M.Tech is 24
- The internal and external components of B.Tech. project evaluation is 40% and 60%
- Criteria for promotion for B.Tech students from IV semester to V semester and from VI semester to VII semester, is to secure a minimum of 50% credits up to previous semester and 75 % of attendance
- A minimum of 4 CGPA is considered for pass class for B.Tech. program
- It is resolved to re name “make up examination” as “supplementary examination”
- It is resolved not to consider admissions on transfer from other institutions.
- It is resolved to offer soft skills – I, soft skills –II and general aptitude as audit courses
- It is resolved to offer MAT Lab as open elective
- It is resolved to consider allocation of project in the VI semester itself, further to make the VIII semester exclusive for project work and Internship.
- It is resolved to offer construction management course as an elective in civil engineering.

The minutes of previous meeting is reviewed and recorded.

2-AC-2: To review the status of current academic programs

The programs offered by the Institution for the AY 2016-17 are :

○ <u>B.Tech. PROGRAMS</u>	<u>INTAKE</u>
➤ Chemical Engineering	: 60
➤ Computer Science & Engineering	: 180
➤ Civil Engineering	: 120



- Electronics & Communication Engineering : 180
- Electrical & Electronics Engineering : 120
- Information Technology : 60
- Mechanical Engineering : 180
 - **M.Tech. PROGRAMS**
 - Machine Design : 18
 - Computer Science & Engineering : 18
 - VLSI : 18
 - Computer Networks & Information Security : 18
 - Structural Engineering : 18
 - Power Systems : 18
 - **Other PG PROGRAMS**
 - Master of Business Administration : 120
 - **Ph.D.**
 - Mechanical, Chemical, ECE & CSE (Research centers)
 - EEE, CIVIL, MBA & MATHS (Applied for Research Center Status)

The status of academic programs being offered are reviewed and recorded

The members of Academic Council recommended introducing M.Tech (Aeronautical Engineering) in the last meeting, but the decision was differed because the Institution become autonomous from the AY 2015-16. The Institution is in the process of consolidating the procedures and focusing on building the capacity of faculty members as per the requirements of autonomy. Under the circumstances, the Institution could not manage to implement the recommendation of introduction of new course/additional intake for the AY 2016-17.

2-AC-3: To review the faculty development programs –

The details of faculty development programs are furnished below.

- Workshops - Faculty attended - 218
- Industrial visits - Number of Faculty - 101
- No. of faculty who have done the MOOCs - 31
- No. of faculty pursuing Ph.D. - 82



➤ No. of paper publications

-186

Funded Projects sanctioned for the academic year 2015-16 : 04

Title of the project	Funded by	Dept.	Amount in Rupees
Funds for Improvement of Science & Technology Infrastructure (FIST)	DST	College	Rs.30,00,000
Process optimisation studies on removal of heavy metal from waste water using mixed adsorbents	DST	CHE	40,56,000
Assessment of EEG and cognitive, perceptual and personality transformation in practitioners of Anustana yogo vendanta	DST-SATYAM	E&H	47,00,000 short listed
Identified satellite design innovation centre	MHRD	ME & CHE	1,30,00,000 Short listed

Ongoing Funded Projects: 6, (Worth of Rs.62,20,940)

Completed: 14

No. of Trained & Certified Resource persons for the AY 2015-16): 60

S.No.	Name of the Certification Program	Dept	MoU with	Number of Trained & Certified Resource Persons
1	Creo, Windchill (PLM), Ansys	MEC	PTC Bengaluru	10
2	Embedded Systems (Micro Controller & Embedded Processors)	ECE	Think Labs IIT Bombay	07
3	NI Lab view (NI Software and Hardware Modules)	ECE	National Instruments, Bengaluru	06
4	MTLC (Unified Technology Learning Platform)	ECE	WIPRO Bengaluru	03
5	AC Drives	EEE	SIEMENS	05
6	PLC	EEE,ECE& MECH	SIEMENS	08
7	MAT Lab	EEE		02
8	EPANET (Hydraulic Analysis of water supply pipe network)	CIVIL		01
9	Staad.Pro	CIVIL		01
10	GIS	CIVIL	IIRS Dehradun	03



11	Processing Equipment Design	CHEM	SIMTECH Solutions Hyderabad	04
12	JAVA programming	CSE	Oracle Corporation	03
13	PEGA	CSE	VIRTUSA Hyderabad	02
14	Information security analyst &Data Analytics	CSE	APSSDC & NASSCOM	02
15	CCNA	CSE	CISCO	02
16	Ethical Hacking	CSE	EC-Council academia	01
Total				60

Faculty recognized as Research Supervisors by JNTU-K - 36.

S.No.	Name of the Dept.	No. of Faculty recognized as supervisors
1	CIVIL	02
2	EEE	03
3	MECH	08
4	ECE	05
5	CSE	07
6	CHEM	06
7	IT	01
8	MBA	02
9	Maths	01
10	Chemistry	01
Total		36

Revathi Kasturi, CEO, Laqsh Job skills Academy Ltd, suggested to incentivizing the faculty who got the funded projects. As a practice, the institution is already incentivizing the Principal investigator with 1% of sanctioned amount.

Also members appreciated the certification programs offered by the institution.

Reviewed and recorded



2-AC-4: To review access to e-learning and library resources

The details are furnished below.

Titles	Volumes	Average Users per Day	Total Area in Sft.
16243	54827	325	9329

- Central Library construction in progress: **45,000 sft**

TITLES & VOLUMES

- Titles: 16243
- Volumes: 54827

E-BOOKS

- McGRAW-HILL-365 nos
- ASTM Digital Library-1700

E-JOURNALS

- IEEE
- SPRINGER(Electrical& Electronics)-134
- SPRINGER (Mechanical)-46
- ASCE (Civil Engineering)-34
- ELSEVIER (Science Direct)-275,

ARTICLE DATABASE

- J-GATE Engg. – 1,763
- J-GATE Management– 2128)

Internet Bandwidth: **175 mbps**

Budget allocated(2015-16) :Rs. 47,00,000

Budget utilized(2015-16) : Rs.41,49,294 (Upto 01-04-2016)

Reviewed and recorded

Revathi Kasturi, CEO, Laqsh Job skills Academy Ltd., suggested to download the MOOCs department wise and provide access to students. Also suggested to encourage the students to submit e-assignments and use the tool to check plagiarism.



Dr. P Subba Rao, Director of Evaluation, JNTUK, suggested to motivate the faculty & students for effective utilization of e-Journals/Magazines. Also, suggested that the assignments should be given to students in such a way that the students have to refer e-journals/Magazines.

With respect to the above, it is resolved

- To download the list of MOOCs department wise and provide access to students.
- To explore the possibility of giving e-assignments
- To motivate the faculty and students for effective utilization of e-resources.

2-AC-5: To review the co curricular activities with regard to

- MoUs with industries
- Certification program
- Internships
- Professional club activities
- Soft skills, aptitude and personality development training program

MoUs signed 2015-16 : 06.

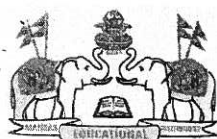
Sl.	Department	In Collaboration With	Purpose
1	EEE	SIEMENS	To provide in PLC and Drives
2	College Level	APSSDC & NASSCOM	To provide training in the area of Cyber Security
3	College Level	APSSDC & NASSCOM	To provide training in the area of Data Analytics
5	College Level	Indian Telecom Innovation Hub – TBI	To establish a Startup Bootcamp at MVGR to function as an Idea Clinic/Mini-incubator for anchoring the incubation needs of students of MVGR
6	Mechanical	Adroitec Engineering Solutions Pvt. Ltd.	Centre of excellence in Product Lifecycle Management

Total No. of MOUs: 39

Active: 21

Certification Programs 2015-16 : No. of students certified:592.

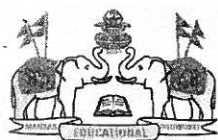
The statement of number of students certified:



No. of students certified	
Name of the program	No. of Students
EDUSAT IIRS,ISRO	62
Training Program on SIEMENS PLC	37
PTC	75
Embedded Systems Certification Program	77
NI Lab-View Training Program	164
JAVA	35
CCNA	75
CEH	13
APSSDC- Data Analyst	24
APSSDC- Security Analyst	7
APSSDC- Mini Project	5
APSSDC- Digital Literacy Certification Program	5
APSSDC (App Development)	13
TOTAL	592

Student Internships & Professional Club activities(2015-16):

Dept.	No. of students who have done industry internship	No. of Guest Lectures/Seminars conducted	No. of papers presented by students
CIVIL	45	6	4
EEE	60	3	18
MEC	100	4	87
ECE	113	7	54
CSE	18	4	0
CHEM	20	7	104
IT	8	4	8
MBA	12	24	4
TOTAL	376	59	279



Placement & Training:

Training Programs conducted - Training & Placement Cell -2015-16

	Training Program	Provider	Number of Hours	Target Group	No of Students Trained
1	CRT	Conduira / Formac	100	Final Year B.Tech & MCA Students	667
2	TCS Specific Training	FACE	18	Final Year B.Tech & MCA Students	842
3	Freshmen Induction Program	FACE	45	First year B.Tech Students	643
4	Life Skills Training Program	3 ORBS	45	ALL II Year B.Tech Students	1019
Total number of students trained					3171

Dr A Srinivas Kumar, Associate Director,NSTL, suggested to increase the student engagement in paper presentations and industry internships .

- It is resolved to motivate the students to go for industry internships and paper presentations.

Reviewed and recorded.

2-AC-6: To review the extra-curricular activities such as sport/NCC/NSS/Cultural and other promotional activities:

The details of students participated in Sports, Cultural, NSS and NCC for the AY 2015-16 are:

Sports 2015-16

Students - represented JNTUK - 09

S.No.	Name of the Student	Game	Year/ Branch
1	V.Anil	Volley Ball	4/4 CIVIL
2	Shaik Basha	Volley Ball	3/4 CSE
3	K.Padmavathi	Volley Ball	4/4 MECHANICAL
4	A.Pavan Siva Kumar	Chess	3/4 MECHANICAL
5	R.Y.K.Naik	Cricket	4/4 MECHANICAL
6	V.Hemanth Kumar	Cricket	3/4 EEE
7	K.Rakesh Varma	Hockey	1/4 CIVIL



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8	K.Prasanth	Hockey	4/4 MECHANICAL
9	D.Venkateswara Rao	Athletic	3/4 ECE

- College Basket Ball Team - Winner of JNTUK 'A' Zone Inter Collegiate Meet and Qualified to Central Zone.
- 3 Gold Medals secured by Mr.D.Venkateswara Rao (3/4 ECE) in Javelin, Long Jump, High Jump and 4th Place in 200 mtrs. Running & 100mtrs. Running.
- Individual Athletic Championship to Mr.D.Venkateswara Rao (3/4 ECE) in Inter Collegiate Meet at JNTUK, Kakinada

Cultural/NSS/NCC 2015-16

- Mr.Shaik Ishaq Vali (Civil 3rd year) won Title in Radio City Super Singer, conducted at National level. He was also one of the singers for movie 'Kshanam'.
- Mr. Nobel John, Civil 4th Year - Composed the entire drumming for an album 'Against Evil', released recently.
- NCC Unit -100 'B' Certificate - 29; 'C' Certificate – 33
- Mr. M. S. D. Naveen, 4/4 Civil - Best Cadet by Commander 2 artillery unit, Visakhapatnam
- NSS: 12 Programmes on health , swatch Bharat, blood donation camps and adult literacy
- Best Blood Donation camp - District level award - by Red Cross Society
- Best Blood Donation camp - District level award - by M.R Blood Bank
- Adopted Villages: Chintalavasala & Boddavalasa - Best Partner Villages as a part of smart ward smart villages by District Administration

Reviewed and recorded.

2-AC-7: To record motivational initiatives

- Gold medals
- Academic Awards
- Student incentives
- Sponsorship - student projects



Achievements: The Institution bagged 3 Gold Medals from the JNTUK. The details are furnished below:

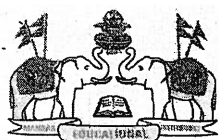
Name	Prgm	Dept	Year	University Rank (JNTUK)
Ms. Nandilla Lavanya	B.Tech.	MECH	2015	GOLD (Overall topper in all branches)
Ms. Nandilla Lavanya	B.Tech.	MECH	2015	GOLD
Ms. Madugula Mrudula	B.Tech.	CHEM	2015	GOLD

Medals Instituted by the Management & Parents of Alumni:

Institutional Medal	Dept
Maharaj Anand Gajapathi Raj Memorial Gold Medal	CHEM
Dr. PVG Raju Memorial Gold medal	CIVIL
Maharaj Alaknarayan Gajapathi Raj Memorial Gold Medal	CSE
Maharani Vidyavati Devi Memorial Gold Medal	ECE
Maharani Urmila Devi Appalakondayamba Memorial Gold Medal	EEE
Maharani Lalitha Kumari Devi Memorial Gold Medal	IT
Maharaj Vijayram Gajapathi Raj Memorial Gold Medal	MECH
Rajkumari Sucharitha Gajapathi Raju Memorial Gold Medal	MBA
Maharaj Narayana Gajapathi Memorial Gold Medal	MCA
Sponsored Medals	
K. Vani Manasa Memorial Medal	CSE
Prof B Harinarayana Rao Memorial Medal	EEE
Prof. G J V J Raju Foundation Medal	CHEM
Gumpina Praneeth Kumar Memorial Medal	IT

In addition to that the Institution is giving gold medals to the first ranker of each program.

- It is resolved to introduce Dr. P. Anand Gajapathi Raju Memorial Gold Medal for overall topper of B.Tech. from the academic year 2016-17
- It is resolved to institute scholarship (Rs.1,00,000/-) sponsored by Dr. D. R. Prasada Raju, Dean (FD), MVGR and the interest accrued shall be utilized to support an economically backward girl student.



Academic Awards(2015-16): The amount sanctioned by the Management for academic awards is **Rs. 13,62,509.**

S.No	Program & Year	Number of Students	Amount (Rs.)
1	I B.Tech.	15	3,96,666
2	II B.Tech.	15	3,72,332
3	III B.Tech.	14	3,84,999
4	IV B.Tech.	12	45,000
5	M.Tech.	6	60,000
6	MBA	2	76,512
7	MCA	1	27,000
TOTAL			13,62,509

Student incentives (2015-16)

Students are encouraged to participate in work shops, conferences, paper presentations etc. by paying TA, DA and registration fee. The amount spent upto 01-04-2016 is **Rs.2,58,424/-**.

Sponsorship - student projects (2015-16)

The Institution is sponsoring minimum 50% of expenditure for student projects/models who are participating at national level competitions like Bajaa, Supra etc. The Institution has sponsored an amount of **Rs.9,90,639/-** towards the students national level competition projects.

S. No	Name of the Team	Vehicle	Sponsored amount in Rs.	Organized By	Position	Awards
1	TEAM VIKRANTA	Design and fabrication of Electric Solar Vehicle	1,20,000	Imperial Society of Innovative Engineers (ISIE)	21/75	Won Best Appreciation Award
2	TEAM AADHYA	Design and fabrication of Go Kart	1,43,639	Karri Motor Speedway		Only Girls team (23) represented at National level



3	TEAM INVINCIBLE- SAE BAJA 2016	Design and fabrication of All Terrain Vehicle	3,35,000	Society of Automotive Engineers(SAE)	100/ 350	
4	SAE SUPRA'2015	Design and fabrication of Racing Car	3,92,000	Society of Automotive Engineers(SAE)	40/ 200	

Reviewed and recorded

2-AC-8: To review and ratify the

➤ Syllabus of Foundation electives & Audit courses

The minutes of meeting of all BOS for the Syllabi of Foundation Electives & the syllabus of audit courses like General aptitude, Soft skills-I & Soft skills-II are discussed and ratified.

Ms. Revathi Kasturi ,CEO, Laqsh Job skills Academy Ltd suggested to offer MOOCs for audit courses and also suggested to introduce IOT as audit course.

- It is resolved to explore the possibility of introducing IOT as audit course.
- Substitute subjects for readmitted candidates

The minutes of meeting of BOS for the substitute subjects of readmitted candidate of I B.Tech II semester and II B.Tech I semester are discussed and ratified.

I B.Tech II semester(EEE)

Course Equivalency: Courses completed under R13 regulations equivalent to A1 Regulations

S.No.	R13 Regulations	A1 Regulations
1	Mathematics –I	Engineering Mathematics-I
2	Engineering Drawing	Engineering Drawing
3	English Communication skills lab-I	English Language Practice-I



Substitute Subjects:

SNo	Courses offered under A1 regulations but completed under R13 course equivalency criteria	Courses that can be deemed to be equivalent under A1 regulations
1	Mathematical Methods	C-Programming
2	Applied Physics	Engineering Chemistry
3	Basic Engineering Workshop	Computer Programming lab
4	Applied Physics lab	Engineering Chemistry lab

Credit Equivalency:

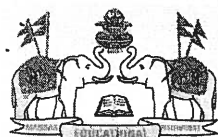
R13 and A1 regulations have different levels of credits offered for I& II semesters. After taking cognizance of course and substitute course equivalency to bring credit equivalency, it is recommended the following be equated for the purpose of award of degree.

S.No.	Additional Courses done under R13	Course expected to have been done under A1
1	English(3 credits)	Basics of Civil and Mechanical Engineering (3 credits)
2	Professional ethics and human values (3 credits)	Same course in the category of Audit course offered in the VI semester.

II B.Tech I semester(EEE)

Course Equivalency: Courses completed under R13 regulations equivalent to A1 regulations

S.No.	R13 Regulations	A1 Regulations
1	Mathematics-I	Engineering Mathematics-I
2	Mathematical Methods	Mathematical Methods
3	Engineering Physics	Applied Physics
4	Engineering Drawing	Engineering Drawing
5	English Communications skills lab-I	English Language Practice-I
6	Engineering Physics lab	Applied Physics lab
7	Engineering workshop & IT workshop	Basic Engineering workshop
8	Mathematics-III	Mathematics-II(Foundation Elective-I)
9	Engineering Chemistry	Engineering Chemistry



10	Electrical Circuit Analysis-I	Electrical Circuit Analysis-I
11	Computer Programming	Computer Programming
12	Engineering Chemistry Lab	Engineering Chemistry Lab
13	English communications skills lab-II	English Language Practice-II
14	C Programming lab	C Programming lab

Substitute Subjects:

Branch	Courses offered under A1 regulations but completed under R13 course equivalency criteria(II-I) level	Courses that can be deemed to be equivalent under A1 regulations
EEE	Nil	Nil

Credit Equivalency:

R13 and A1 regulations have different levels of credits offered for I& II semesters. After taking cognizance of course and substitute course equivalency to bring credit equivalency, it is recommended the following be equated for the purpose of award of degree.

S.No.	Additional Courses done under R13	Course expected to have been done under A1
1	English-I (3 credits)	Basics of Civil and Mechanical Engineering (3 credits)
2	Professional ethics and human values (3 credits)	Same course in the category of Audit course offered in the VI semester.
3	Engineering Mechanics(3 credits)	Environmental studies (3 credits)
4	English-II (3 credits)	Same course in the category of Audit course offered in the IV semester.

II B.Tech I semester(ECE)

Course Equivalency:Courses completed under R13 regulations equivalent to A1 regulations

S.No.	R13 Regulations	A1 Regulations
1	Mathematics-I	Engineering Mathematics-I
2	Mathematical Methods	Mathematical Methods
3	Engineering Physics	Applied Physics
4	Engineering Drawing	Engineering Drawing
5	English Communications skills lab-I	English Language Practice-I
6	Engineering Physics lab	Applied Physics lab



7	Engineering workshop & IT workshop	Basic Engineering workshop
8	Engineering Chemistry	Engineering Chemistry
9	Network Analysis	Network Analysis
10	Engineering Chemistry Lab	Engineering Chemistry Lab
11	English communications skills lab-II	English Language Practice-II

Substitute Subjects:

S. No.	Courses offered under A1 regulations but completed under R13 course equivalency criteria(II-I) level	Courses that can be deemed to be equivalent under A1 regulations
1	Computer Programming	Electronic Devices & Circuits I
2	Computer Programming lab	Electronic Devices & Circuits lab

Credit Equivalency:

R13 and A1 regulations have different levels of credits offered for I& II semesters. After taking cognizance of course and substitute course equivalency to bring credit equivalency, it is recommended the following be equated for the purpose of award of degree.

S.No.	Additional Courses done under R13	Course expected to have been done under A1
1	English-I(3 credits)	Basics of Civil and Mechanical Engineering
2	Professional ethics and human values	Same course in the category of Audit course offered in the VI semester.
3	Engineering Mechanics(3 credits)	Environmental studies(3 credits)
4	English-II (3 credits)	Fundamentals of Electronic Devices and circuits (3 credits)
5	Mathematics-III	Mathematics-II (Foundation Elective-I) at III sem level (3 credits)

II B.Tech I semester(CSE)

Course Equivalency: Courses completed under R13 regulations equivalent to A1 regulations

S.No.	R13 Regulations	A1 Regulations
1	Mathematics-I	Engineering Mathematics-I
2	Mathematical Methods	Mathematical Methods
3	Engineering Physics	Applied Physics
4	Engineering Drawing	Engineering Drawing
5	English Communications skills lab-I	English Language Practice-I



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6	Engineering Physics lab	Applied Physics lab
7	Engineering workshop & IT workshop	Basic Engineering workshop
8	Engineering Chemistry	Engineering Chemistry
9	Computer Programming	Computer Programming
10	Engineering Chemistry Lab	Engineering Chemistry Lab
11	English communications skills lab-II	English Language Practice-II
12	C Programming lab	C Programming lab
13	Environmental Studies	Environmental Studies

Substitute Subjects:

Branch	Courses offered under A1 regulations but completed under R13 course equivalency criteria(II-I) level	Courses that can be deemed to be equivalent under A1 regulations
CSE	Nil	Nil

Credit Equivalency:

R13 and A1 regulations have different levels of credits offered for I& II semesters. After taking cognizance of course and substitute course equivalency to bring credit equivalency, it is recommended the following be equated for the purpose of award of degree.

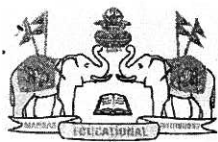
S.No.	Additional Courses done under R13	Course expected to have been done under A1
1	English-I(3 credits)	Basics of Civil and Mechanical Engineering (3 credits)
2	Professional ethics and human values	Same course in the category of Audit course offered in the VI semester.
3	Engineering Mechanics(3 credits)	Fundamentals of Electronic Devices and circuits (3 credits)
4	English-II (3 credits)	4.Foundation Elective-I(Professional Communications)- 3 credits
5	Mathematics-III (3 credits)	Mathematics-II (Foundation Elective-II) at IV sem level – 3 credits

2-AC-9: To review and ratify the minutes of meeting of all the BoS

Discussed and ratified

2-AC-10: To review and recommend introduction of new programs/additional intake/closure

- It is resolved to Propose introduction of Ph,D programs in Civil Engineering ,Electrical & Electronics Engineering ,MBA. and Mathematics.



2-AC-11: To review and discuss recent circulars/notifications from regulating bodies/
Universities/ State Government
Reviewed and recorded

2-AC-12: Result analysis of B.Tech, M.Tech and MBA I semester

Dr P Subba Rao, Director of Evaluation, JNTUK, suggested to correlate the data of internal marks and external marks of I B.Tech I semester.

➤ It is resolved to correlate the data of internal marks and external marks.

Ms.Revathi Kasturi, CEO, Laqsh Jobskills Academy Ltd. has appreciated for conducting the bridge courses for Mathematics and English at I year level.

Dr P Subba Rao, Director of Evaluation, JNTUK, suggested to prescribe maximum of 2 Text books and 3 reference books for any course.

Discussed and recorded.

2-AC-13: To discuss about the Boys hostel and residential quarters for staff.

Academic Council having reviewed the physical infrastructure, human resources and highly promotive and enabling environment in the system observed that the learners shall derive the maximum benefits of very substantially equipped departments along with highly enriched human resources. If adequate residential facilities are built for both students & staff, then the benefits for the learners will be more.


(Dr. Y M C Sekhar)
Member Secretary


(Dr. K V L Raju)
Chairman

Date: 27/06/15

Maharaja Vijayaragam Garudathar Raj College of Engineering,
Vizianagaram Mr. Academic Council Meeting held in
the Institution Premises on 27th, June, 2015 at 2-30 PM.

Members Present

(1) Dr. K.V.L. Ravi
Principal

Chairman (Signature)

(2) Dr. B. Prabhakara Rao
Rector, INTUK, Kakinada

Member (P)

(3) Dr. P. Udaya Bhaskar
Director - Academic & Planning
INTUK, Kakinada

Member P. Udaya Bhaskar

(4) Dr. CH. Sai Babu
Director - Evaluation
INTUK, Kakinada

Member

(5) Mr. A. Mahan Fernando
Head - HR Mobilization Cell (HRMC)
Corporate Centre, I & T Construction
CRP Centre, 3rd Floor, Chennai - 600089

Member

(6) Dr. J. S.N. Raju

Member

Chairman - ~~ETEC~~
The Institution of Engineers (India)
A.P. State Centre

(Signature)

(7) Mr. G. Shiv Kumar — Member
CEO
Maple Software Pvt. Ltd.
Vidyalakshmi

(8) Dr. A. Srinivas Kumar — Member
Associate Director
NSTL, Vidyalakshmi
22/6/11

(9) Ms. Revathi Kalluri — Member
CEO
IATA Job Skills Academy Ltd
Bangalore
Revathi Kalluri

(10) Prof. D. J. T. Ramachandra Rao — Member
Vice-Principal (Admin.)

(11) Dr. C. H. Purushachandra Rao — Member
Asst. Principal (Academic)
C. H. Purushachandra Rao

(12) Dr. R. Ramakrishna — Member
Dean - R & D
R. Ramakrishna

(13) Dr. P. Ravindranath — Member
Dean - Strategic Planning
P. Ravindranath

(14) Dr. M. Sunil Prakash — Member
Dean - Training and Placement
PG Programs
M. Sunil Prakash

(15) Dr. T.V.N. Partha Sarathi - Member
Dean - Examinations

(16) Dr. S. Srinivas Rao - Member
Dean - Student Affairs

(17) Dr. S. Adinarayana - Member
HOD - Mechanical Engg.

(18) Dr. K.S.S. Rama Raju - Member
HOD - MBA

(19) Dr. R. Ramana Reddy - Member
HOD - ECE

(20) Dr. V. Nagesh - Member
HOD - IT

(21) Prof. P. Siltarama Raju - Member
HOD - CSE

(22) Dr. D.K. Mohanta - Member
HOD - EEE

(23) Dr. S.S.S.V. Gopala Raju - Member
HOD - Civil Engg.

(24) Dr. CH.V. Subba Rao - Member
HOD - Chemical Engg.

(25) Dr. G. Srinivas Reddy — Member
HOD - Physics

(26) Dr. P. Govinda Rao — Member
HOD - Mathematics

(27) Mr. S. Mohan Kumar — Member
HOD - English & Humanities

(28) Dr. Y. H. C. Sekhar — Member Secretary
Vice-Principal (Academic)

(29) Mr. N. S. Manikantan — Member
Sr. Manager, HR, Infosys, Chennai



Minutes of meeting of Academic Council

A Meeting of the Academic Council is held on 27.06.2015 at 2.30PM at Conference hall, Admin. Block. The following were present:

- | | |
|---|----------|
| 1. Dr. K. V. L. Raju
Principal | Chairman |
| 2. Dr. B. Prabhakara Rao
Rector, JNTUK, Kakinada | Member |
| 3. Dr. P. Udaya Bhaskar
Director – Academics & Planning, JNTUK, Kakinada | Member |
| 4. Dr. Ch. Sai Babu
Director – Evaluation, JNTUK, Kakinada | Member |
| 5. Mr. A. Mohan Fernando
Head - HR Mobilization Cell (HRMC), Corporate Centre
L & T Construction, CRR Centre, Third Floor, Chennai. | Member |
| 6. Dr. I. S. N. Raju
Chairman – Elect
The Institution of Engineers (India), A. P. State Centre | Member |
| 7. Mr. G. S. Shiv Kumar
CEO, Maple Software Pvt. Ltd, Visakhapatnam | Member |
| 8. Dr. A. Srinivasa Kumar
Associate Director, NSTL, Visakhapatnam | Member |
| 9. Miss. Revathi Kasturi
CEO, Laqsh Job skills Academy Ltd, Bangalore | Member |
| 10. Mr. Viswanadhan
Senior Manager, HR, Wipro, Chennai. | Member |



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11. Prof. D. J. J. Ramachandra Raju Vice-Principal (Administration)	Member
12. Dr. Ch. Purnachandra Rao Asst. Principal (Academics)	Member
13. Dr. R. Ramesh Dean – R & D	Member
14. Dr. P. Ravindranath Dean – Strategic Planning	Member
15. Dr. M. Sunil Prakash Dean – Training & Placement and PG Programs	Member
16. Dr. T. V .N. Partha Sarathi Dean – Examinations	Member
17. Dr. S. Srinivasa Rao Dean – Student Affairs	Member
18. Dr. S. Adinarayana HOD – Mechanical	Member
19. Dr. K. S. S. Rama Raju HOD – MBA	Member
20. Dr. R. Ramana Reddy HOD – ECE	Member
21. Dr. V. Nagesh HOD – IT	Member
22. Prof. P. Sitharama Raju HOD – CSE	Member
23. Dr. D. K. Mohanta HOD – EEE	Member
24. Dr. S. S. S. V. Gopala Raju HOD – Civil	Member
25. Dr. Ch. V. Subba Rao HOD – Chemical	Member
26. Dr. G. Srinivasa Reddy HOD – Physics	Member



27. Dr. P. Govinda Rao HOD – Mathematics	Member
28. Mr. S. Mohan Kumar HOD – English	Member
29. Dr. Y. M. C. Sekhar Vice-Principal (Academics)	Member Secretary

Dr. K V L Raju, Chairman (AC) and Principal chaired the meeting and welcome dall the members to the first Academic Council meeting of MVGR College of Engineering. He introduced the external members of Academic Council Dr. P. Udaya Bhaskar, DAP, JNTUK, Dr. I. S. N. Raju, Chairman, IEI, Mr. G. S. Shiv Kumar, CEO, Mapple Software, Dr. A. Srinivasa Kumar, Associate Director, NSTL, and Miss. Revathi Kasturi, CEO, Laqsh Job skills Academy Ltd. All the internal members of the Institution have introduced themselves.

After introduction, the discussion is started on the following agenda:

1. To review and ratify the nomination of BoS members
2. To review the status of current academic programs
3. To review the current staff status
4. To review access to e-learning and library resources
5. To discuss the co curriculum activities with regard to
 - ❖ MoUs with industries
 - ❖ Certification program
 - ❖ Internships
 - ❖ Professional club activities
 - ❖ Soft skills, aptitude and personality development training program
6. To discuss the extra-curricular activities such as sport/NCC/NSS/Cultural and other promotional activities
7. To record motivational initiatives
 - Gold medals
 - Academic Awards
 - Student incentives
 - Sponsorship of student projects



8. To discuss the recommendations of the BoS on
 - ❖ Academic Regulations
 - ❖ Curriculum
 - ❖ Syllabus
 - ❖ Teaching learning process
 - ❖ Evaluation ,assessment methods, procedures
9. To discuss and ratify the minutes of meeting of all the BoS
10. To discuss and recommend introduction of new programs/additional intake/closure
11. To discuss and review recent circulars/notifications from regulating bodies / Universities / State Government
12. Any other item with permission of the chair

The minutes of meeting:

- 1) To review and ratify the nomination of BoS members

The nomination of BoS members reviewed and ratified. The details of BoS members have been presented. List is enclosed as annexure-I

- 2) To review the status of current academic programs

The programs offered by the institution are given below.

B.Tech. PROGRAMS

INTAKE

➤ Chemical Engineering	: 60
➤ Computer Science & Engineering	: 180
➤ Civil Engineering	: 120
➤ Electronics & Communication Engineering	: 180
➤ Electrical & Electronics Engineering	: 120
➤ Information Technology	: 60
➤ Mechanical Engineering	: 180



M.Tech. PROGRAMS

❖ Machine Design	: 18
❖ Computer Science & Engineering	: 18
❖ VLSI	: 18
❖ Computer Networks & Information Security	: 18
❖ Structural Engineering	: 18
❖ Power Systems	: 18

Other PG PROGRAMS

➤ Master of Computer Applications	: 60
➤ Master of Business Administration	: 120

Ph.D.

Mechanical, Chemical, ECE & CSE

The status of current academic programs is reviewed and recorded

- 3) To review the current staff status

The faculty strength is 249 out of which 56 are Ph.D. holders, 8 faculty members have submitted Ph.D. and 68 are pursuing Ph.D.

Qualification	Ph.D.	PhD Submitted	Ph.D. pursuing	M.Tech. / P.G	B.Tech.	Total
<i>Number</i>	56	08	68	95	22	249

Professor	Associate Professor	Sr. Assistant Professor	Assistant Professor
38	37	09	165

Reviewed and recorded



- 4) To review access to e-learning and library resources

The details are furnished below.

Titles	Volumes	Average Users per Day	Total Area in Sqms
15094	53038	310	867

E-BOOKS

- ❖ McGRAW-HILL-365 nos
- ❖ ASTM Digital Library-1700

E-JOURNALS

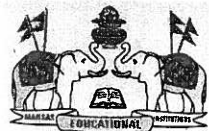
- IEEE
- SPRINGER(Electrical& Electronics)-134
- SPRINGER (Mechanical)-46
- ASCE (Civil Engineering)-34
- ELSEVIER (Science Direct)-275,

ARTICLE DATABASE

- ❖ J-GATE Engg. – 1,763
- ❖ J-GATE Management– 2128)

Reviewed and recorded

- 5) To discuss the co curricular activities with regard to
- MoUs with industries
 - Certification program
 - Internships
 - Professional club activities
 - Soft skills, aptitude and personality development training program



The members appreciated the MoUs with industries and certification programs being offered by the institution. The following certification programs are offered by the institution.

S.No.	Department	Name of the Program
1	MECH	Windchill 10.2 PDM by Adroitec Engineering Solutions Pvt. Ltd., Hyderabad
2	MECH	Creo 2.0 by PTC
3	MECH	Edgecam by Verosoft, UK
4	CHEM	Chemical Process Design and Simulation by Simtech Simulations, Hyderabad
5	ECE	Embedded Systems by ThinkLABS, Mumbai
6	ECE	Labview by National Instruments Systems India Pvt. Ltd.
7	ECE	Unified Technology Learning Program (UTLP) by Wipro Mission 10X
8	CSE, IT	PEGA by Virtusa Corporation
9	CSE, IT	Microsoft technologies by Microsoft Corp.
10	CSE, IT	Ethical Hacking by EC-Council Academia
11	CSE, IT	Java and C by Talent Sprint
12	CSE, IT	Network Analyst (CCNA) by Cisco Systems Inc
13	CSE, IT	Java Programming (OCJP) and DBMS by Oracle
14	EEE	PLC, Drives and Automation by Siemens
15	EEE	PLC by New Dawn Automation
16	Civil	Remote Sensing and GIS by Indian Institute of Remote Sensing

With respect to the Soft skills, aptitude , personality development training program and internships the following suggestions are made:

- ❖ Miss. Revathi has suggested that Soft skills, aptitude and personality development training program may start in the I year itself. The details of student training beginning with I year have been presented and resolved to recommend improvements in line with the suggestions.
- ❖ Dr A S Kumar suggested to start the project work in the VI semester and encourage the students to go for internship. The institution is already allocating the guide at the end of VI semester and problem is defined by the students in the VII semester.



- 6) To discuss the extra-curricular activities such as sport/NCC/NSS/Cultural and other promotional activities
- The institution is an authorized Centre for NCC unit with capacity of 100 cadets and
 - Also having NSS unit. About 125 students are registered as volunteers and are actively participating in social services. In addition to that there is a voluntary body called FYFP (For the Youth For the People) which is adopting the villages and conducting health awareness programs, adult literacy programs etc.
 - The training programs are conducted on music, singing and dance by cultural committee. About 60 students are registered for training.

Current practices were presented,

- 7) To record motivational initiatives
- ❖ Gold medals
 - The college over the last 15 years awarding gold medals to the first rank of each program of UG.
 - ❖ Academic Awards
 - All the meritorious candidates securing top ranks in their respective classes will be given academic awards.
 - a) An amount of Rs.35,000 is reimbursed for I ranker
 - b) An amount of Rs.23,333 is reimbursed for II ranker
 - c) An amount of Rs.11,667 is reimbursed for III ranker
 - ❖ Student incentives
 - Students are encouraged to participate in work shops, conferences, paper presentations etc. by paying TA, DA and registration fee.
 - ❖ Sponsorship of student projects
 - The Institution is sponsoring minimum 50% of expenditure for student projects who are participating in national level competitions like Bajaa, Supra etc. An amount of Rs.6,68,000 was sponsored by the institution.



Discussed and recorded.

- 8) To discuss the recommendations of the BoS on
- Academic Regulations
 - Curriculum
 - Syllabus
 - Teaching learning process
 - Evaluation ,assessment methods, procedures

With respect to the above the following suggestions are made:

- ❖ Ms. Revathi has suggested that the number of open electives can be increased. Also, suggested to incorporate the MAT Lab in the curriculum for all the programs. However, it is offered as open elective by EEE department.
- ❖ Dr I S N Raju has suggested to incorporate Construction Management course as an elective in the Civil Engineering Program.
- ❖ Dr. A Srinivasa Kumar has appreciated about the introduction of foreign language as an audit course.
- ❖ Mr. Shiv Kumar has suggested to create awareness among the students on Payment Gateway, Storage Technologies and Smart City related technologies. Also opined that if the project is done in an industry with the help of external guide, then the project shall be evaluated by both internal and external guide.
- ❖ Dr. P Udayabhaskar has suggested the following.
 - a. The number of credits for M.Tech Program shall be increased and give more credits to Project.It is resolved to increase the number of credits for M.Tech. Program from 70 credits to 80 credits and the project credits from 20 credits to 24 credits.
 - b. The number of credits for M. B. A. Program shall be increased.It is resolved to increase the number of credits for M.B.A. Program from 77 credits to 80 credits.



- c. For the Project evaluation, the internal and external component shall be 40% and 60% of the marks respectively for all programs. It is resolved to revise the internal and external component of project evaluation as 40% & 60% of the marks respectively and the same has been incorporated.
- d. It is also resolved to invite the industry guide as one of the examiner for evaluation of project if the project is done at industry.
- e. For promotion of B.Tech. students from IV semester to V semester and from VI semester to VII semester, consider the 50% of credits upto IV & VI semester respectively. It is resolved to consider the 50% of credits upto IV & VI semester for promotion of B.Tech students into V and VII semester respectively and the same has been incorporated.
- f. It was suggested to remove the time period constraint for Re-admission of students. It is resolved to remove the time period constraint for Re-admission of students and the same has been incorporated.
- g. Change the CGPA for pass class of B.Tech., from 4.5 to 4.0. It is resolved to revise the CGPA for pass class of B.Tech., from 4.5 to 4.0 and the same has been incorporated.
- h. Use the word supplementary examinations in place of Make up examinations and was suggested not to specify the time period constraint for conduct of supplementary examinations. It is resolved to change the word make up examinations with supplementary examinations and the same has been incorporated.
- i. Remove the provision for transfer of candidates from the colleges of affiliating University and other Universities. It is resolved to remove the provision for transfer of candidates from the colleges of affiliating University and other Universities and the same has been incorporated.
- j. Question bank shall be updated periodically. It is resolved to update the Question bank periodically.



The suggestions were incorporated and final Academic regulations for B.Tech., M.Tech and MBA were furnished below.

Academic Regulations for B.Tech. Program

Applicable to the students admitted from the Academic year 2015-2016 onwards.

1. COURSE PATTERN:

B.Tech. : The program is for 4 academic years with 8 semesters.

B.Tech. (Lateral Entry): The program is for 3 academic years with 6 semesters.

2. AWARD OF DEGREE:

B.TECH:

A student will be declared eligible for the award of degree if he fulfills the following academic regulations.

- A student shall be declared eligible for the award of degree, if he/she pursues a course of study for not less than four academic years and not more than eight academic years from the date of admission.
- The student shall register for 180 credits and secure all 180 credits.
- A student shall also register and successfully complete audit programs (Non-credit) as recommended by Academic Council.
- A student on completing 1st year class work may opt for a break of 1 year which shall be deemed as GAP year, as recommended by APSCHE, for undertaking successful entrepreneurial ventures.
- Students who fail to complete their Four Years Course of study within 8 years shall forfeit their seat and their admission shall stand cancelled.

B.TECH (Lateral Entry):

A student will be declared eligible for the award of degree if he fulfills the following academic regulations.

- A student shall be declared eligible for the award of the degree, if he/she pursues a course of study for not less than three academic years and not more than six academic years.
- The student shall register for 138 credits and secure all 138 credits.
- A student shall also register and successfully complete audit programs (Non-credit) as recommended by Academic Council.
- Students who fail to complete their three Years Course of study within 6 years shall forfeit their seat and their admission shall stand cancelled.
- Student shall register for bridge programs, as administered by the respective departments at the beginning of 2nd year and successfully complete as per the



guidelines of the institution.

3. DISTRIBUTION AND WEIGHTAGE OF MARKS:

B.TECH:

a). All Theory courses are assessed for 100 marks with a split of 40 marks for internal assessment and 60 marks for semester end external examination.

- Two internal assessments tests (90 min each), for each theory course are conducted over the period of the semester, one in the middle and the other at the end and the performances are averaged for 30 marks.
- An internal assessment test shall have 3 questions each for 10 marks, all questions to be answered.
- A student shall be assessed for two assignments/surprise test/quiz or a combination each for 5 marks and for a total of 10 marks.
- External examination is for 60 marks (180 min). Question paper contains 7 questions at least 1 question from each unit. Each question carries 12 marks. A student is expected to answer any 5 questions.

b). Laboratory/Practice:

All Laboratory/Practice courses are assessed for 100 marks with a split of 40 marks for internal assessment and 60 marks for semester end external examination.

- Continuous assessment for 20 marks for each experimental session finally averaged to 20 marks.
- An internal assessment test conducted at the end of the semester shall be assessed for another 20 marks where a student is expected to perform at least one laboratory test/experiment over duration of 3 hours.
- External examination is for 60 marks (180 min) conducted and assessed by an external and internal examiners.
- Both internal and external examination shall include assessment of the student on
 - a) Knowledge of principles/concepts involved
 - b) Experimental design
 - c) Result interpretation and analysis
 - d) Experimental report

c). Drawing/Design/Estimation:

These courses are assessed for 100 marks with a split of 40 marks for internal assessment and 60 marks for semester end external examination.

- Continuous assessment for 20 marks for each unit finally averaged to 20 marks.
- Two internal assessment tests are conducted during the semester which shall be assessed for another 20 marks by taking the average.



d) Project Evaluation:

- A student shall take a project during the eighth semester.
- Project is evaluated for 200 marks.
- A student shall report to the guide/external supervisor and work under his supervision at least 10 hours per week.
- Also, a student shall engage a minimum of 10 hours per week in the directed study/learning a modern tool/self-learning (referencing etc.,)/periodic report writing/conduct of experiments/tests/fabrication together.
- Evaluation shall comprise of internal and external assessment.

Internal:	80
External:	120
- A project committee comprising of HoD, department Academic Coordinator, R&D member of the department, one senior faculty and guide shall review the progress once in four weeks.
- Internal evaluation shall be done by HoD, department Academic Coordinator, R&D member of the department, one senior faculty and guide for 80 marks.
- External evaluation shall be done by HoD, Guide/Internal Examiner and External Examiner for 120 marks.
- Assessment shall be on:
 - a) Problem definition
 - b) Literature review
 - c) Review on fundamental knowledge involved
 - d) Inter disciplinary aspect
 - e) Experimental/methodology design
 - f) Result analysis and interpretations
 - g) Report writing
 - h) Team work
 - i) Presentation
 - j) Viva-voce

B.TECH (Lateral Entry):

The rules and regulations for candidates admitted under lateral entry category for 2nd, 3rd and 4th years of study shall be same as applicable to regular B.Tech students.

4. ATTENDANCE REGULATIONS:

B.TECH:

1. A student shall be eligible to appear for end semester examinations, if he or she acquires a minimum of 75% of attendance in aggregate of all the subjects (Theory



& Lab.) for the semester.

- II. A Student shall not be promoted to the next semester unless he/she fulfills the attendance requirement of the current semester.
- III. A student may seek re- admission for that semester when offered.
- IV. To appear for end laboratory examination a candidate shall put up a minimum of 75% attendance for regular lab sessions and should have completed all the laboratory experiments/tests along with submission of record complete in all respects.

B.TECH (Lateral Entry):

The rules and regulations for candidates admitted under lateral entry category for 2nd, 3rd and 4th years of study shall be same as applicable to regular B.Tech students.

5. MINIMUM ACADEMIC REQUIREMENTS:

B.TECH:

- i. A student is deemed to have satisfied the minimum academic requirements if he has earned the credits allotted and secures at least 24 marks out of 60 marks at semester end examination and overall 40 marks out of 100 marks put together both internal and semester end examinations.
- ii. A student shall be promoted from IV semester to V semester if he fulfills the academic requirement of 50% of credits up to IV semester from the following examinations irrespective of whether the candidate takes the examination or not.
 - a) Two regular and Two supplementary examinations of I semester
 - b) Two regular and One supplementary examinations of II semester
 - c) One regular examination and One supplementary examination of III semester
 - d) One regular examination of IV semester.
- iii. A student shall be promoted from VI semester to VII semester subject to fulfillment of the academic requirement of 50% of credits up to VI semester from the following examinations irrespective of whether the candidate takes the examination or not.
 - a) Three regular and Three supplementary examinations of I semester
 - b) Three regular and Two supplementary examinations of II semester
 - c) Two regular and Two supplementary examinations of III semester
 - d) Two regular and One supplementary examinations of IV semester
 - e) One regular and One supplementary examination of V semester
 - f) One regular examination of VI semester.

B.TECH (Lateral Entry):

- i) A student is deemed to have satisfied the minimum academic requirements if he has earned the credits allotted and secures at least 24 marks out of 60 marks at semester end examination and overall 40 marks out of 100 marks put together both internal



and semester end examinations.

ii) A student shall be promoted from VI semester to VII semester if he fulfills the academic requirement of 50% of credits up to VI semester from the following examinations irrespective of whether the candidate takes the examination or not.

- a) Two regular and Two supplementary examinations of III semester
- b) Two regular and one supplementary examinations of IV semester
- c) One regular and One supplementary examinations of V semester
- d) One regular examination of VI semester.

6. COURSE STRUCTURE:

B.TECH:

6.1 The total course will consist of the following components.

a) Foundation Mandatory FM 39-45 credits

- Basic Science Core(BSC)
- Engineering Science Core(ESC)
- Mandatory Learning Core(MLC)
- English & Humanities Core(EHC)

b) Foundation Elective FE 06-09 credits

c) Core Mandatory(Theory) CM 68-76 credits

d) Core Mandatory(Lab) CM(L) 18-22 credits

e) Core Elective (Theory) CE(T) 21-27 credits

f) Open Elective OE 06-09 credits

g) Directed Study DS 02-04 credits

h) Project PR 08-12 credits

i) Audit Courses AC S/N

- Open electives offered by the parent department are listed in the course structure and are offered to students of other programs.
- For audit course a student is expected to meet minimum contact hours, as prescribed by the department and shall also comply with the requirements of submission of assignments/projects.

List of Foundation electives:

1. Professional Communication
2. Business Communication
3. Material Science
4. Engineering Mathematics-II
5. Electro Magnetic Theory
6. Instrumental Methods of Analysis
7. Thermodynamics
8. Applied Analysis





9. Probability & Statistics
10. Complex variables & Statistical Methods

List of Audit courses:

1. Professional Ethics & IPR
2. Soft Skills-I
3. Soft Skills-II
4. General Aptitude
5. NSS/NCC/Sports/Cultural/Yoga
6. Health and Nutrition
7. Entrepreneurship Development
8. Foreign Language (Chinese/Japanese/Korean/German/French)

*For all the programs offered, in the list of courses for electives one of the choices would be "MOOCs". Each department shall short list MOOCs course(s) meeting the requirements of course duration, credits, etc., from time to time. The same shall be placed in the immediate BoS meeting for ratification.

7. GRADING SYSTEM:

B.Tech./ B.Tech.(Lateral Entry)

Performance of a student is evaluated in terms of earned credit weighed marking system. Earned credits are defined as the sum of course credits in which grade points above a certain cut off have been obtained for declaring student pass in that course

- Points earned in a semester:

$$\Sigma (\text{course credits earned} \times \text{Grade points})$$

Semester Grade Point Average (SGPA) for the current semester which is calculated on the basis of grade points obtained in all courses, except audit courses and courses in which satisfactory or course continuation has been awarded,

$$\text{SGPA} = \frac{\Sigma(\text{course credits earned} \times \text{Grade points})}{\Sigma(\text{Total course credits in the semester})}$$

Cumulative Grade Point Average (CGPA) is calculated on the basis of all pass grades obtained in all courses, except audit courses, obtained in all completed semesters

$$\text{CGPA} = \frac{\Sigma(\text{course credits earned} \times \text{Grade points}) \text{ over all semesters}}{\Sigma(\text{Total course credits in all the semesters})}$$

The UGC recommends a 10-point grading system with the following letter grades as given below:

O	(Outstanding)	10
A+	(Excellent)	9
A	(Very Good)	8



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B+	(Good)	7
B	(Above Average)	6
C	(Average)	5
P	(Pass)	4
F	(Fail)	0
Ab	(Absent)	0

A student obtaining Grade F shall be considered failed and will be required to reappear in the examination.

Illustration of Computation of SGPA and CGPA and Format for Transcripts

Computation of SGPA and CGPA

Illustration for SGPA

Course	Credit	Grade Letter	Grade point	Credit Point (Credit x Grade)
Course 1	3	A	8	3 X 8 = 24
Course 2	4	B+	7	4 X 7 = 28
Course 3	3	B	6	3 X 6 = 18
Course 4	3	O	10	3 X 10 = 30
Course 5	3	C	5	3 X 5 = 15
Course 6	4	B	6	4 X 6 = 24
	20			139

Thus, $SGPA = 139/20 = 6.95$

Illustration for CGPA

Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6
Credit : 20	Credit : 22	Credit : 25	Credit : 26	Credit : 26	Credit : 25
SGPA: 6.9	SGPA: 7.8	SGPA: 5.6	SGPA: 6.0	SGPA: 6.3	SGPA: 8.0
Semester 7	Semester 8				
Credits: 23	Credits: 13				
SGPA: 8.2	SGPA: 8.5				

Thus, $CGPA = 20 \times 6.9 + 22 \times 7.8 + 25 \times 5.6 + 26 \times 6.0 + 26 \times 6.3 + 25 \times 8.0 + 23 \times 8.2 + 13 \times 8.5$

180

= 7.05



8. ELIGIBILITY FOR AWARD OF DEGREE:

B.Tech:

A student shall be eligible for award of the degree if he/she fulfils the following conditions:

- 1) Success fully completes all the courses prescribed for the Program.
- 2) CGPA greater than or equal to 4.0(Minimum requirement for Pass).
- 3) Should have cleared all dues.
- 4) Complied with all the rules and regulations during the period of study governing satisfactory conduct.

9. AWARD OF CLASS:

B.Tech:

Candidates who are eligible for the award of B.Tech. Degree shall be placed in one of the following Classes based on CGPA.

Class	CGPA
Distinction	≥ 7.5
First Class	≥ 6.5
Second Class	≥ 5.5
Pass class	≥ 4.0

*subject to approvals from College BoS, Academic council and Affiliating University, a candidate who acquired 12 credits more than the minimum (180) required during the period of four years study may be considered for the award of B.Tech (Hons).

10. **INSTRUCTION DAYS:** A semester shall have a minimum of 90 clear instruction days.

11. There shall be no **branch transfer** after completion of the admission process.

12. SUPPLEMENTARY EXAMINATIONS:

Supplementary examinations shall be conducted in addition to regular examinations for every semester.

13. **WITHHOLDING OF RESULTS:** The result of the student will be withheld

- If the student has not paid the dues, if any, to the institution
- If any case of pending of disciplinary action against him,
- Involving in any sort of malpractices etc.

14. TRANSITORY REGULATIONS:

- A candidate joining the institution on transfer from other institutions shall submit a record/history of courses of semesters already completed elsewhere prior to seeking such transfer.
- Board of Studies of the department may accept/reject such request for transfer





depending on compatibility of the program.

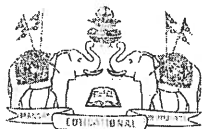
- For accepted cases, the Board of Studies shall recommend equivalency of courses and also additional equivalent (substitute) courses if any to be taken up for the award of degree for all prospective courses leading to the completion of the program.
- Only candidates who have fulfilled the academic/course work requirements up to the previous semester shall be considered for admission on transfer.
- Student seeking admission on transfer should have cleared backlog subjects of previous semesters at the parent college.
- Admission on transfer may be taken only on the payment of prescribed fee prevailing at the time.

15. AMENDMENTS TO REGULATIONS:

The Academic Council of MVGR College of Engineering (Autonomous) reserves the right to revise, amend, change or nullify the Regulations, Schemes of Examinations, and/ or Syllabi or any other such matter relating to the requirements of the program which are compatible to the contemporary/emerging trends effectively meeting the needs of society/industry/stake holding groups.

16. Guide lines for MALPRACTICES during the conduct of examinations

	Nature of Malpractices/Improper conduct	Punishment
1 (a)	If the candidate possesses or keeps accessible in examination hall, any paper, note book, programmable calculators, Cell phones, pager, palm computers or any other form of material concerned with or related to the subject of the examination (theory or practical) in which he is appearing but has not made use of (material shall include any marks on the body of the candidate which can be used as an aid in the subject of the examination)	Expulsion from the examination hall and cancellation of the performance in that subject only. *
(b)	If the candidate gives assistance or guidance or receives it from any other candidate orally or by any other body language methods or communicates through cell phones with any candidate or persons in or outside the exam hall in respect of any matter.	Expulsion from the examination hall and cancellation of the performance in that subject only of all the candidates involved. In case of an outsider, he will be handed over to the police and a case is registered against him. *
2	If the candidate has copied in the examination hall from any paper, book, programmable calculators, palm computers or any other form of material relevant to the subject of the examination (theory or practical) in which the candidate is appearing.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted to appear for the remaining examinations of the subjects of that Semester/year. The Hall Ticket of the candidate is to be cancelled. *
3	If the candidate impersonates any other candidate in connection with the examination.	The candidate who has impersonated shall be expelled from examination hall. The candidate is also debarred and



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		forfeits the seat. The performance of the original candidate, who has been impersonated, shall be cancelled in all the subjects of the examination (including practicals and project work) already appeared and shall not be allowed to appear for examinations of the remaining subjects of that semester/year. The candidate is also debarred for two consecutive semesters from class work and all University examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat. If the imposter is an outsider/candidate not on rolls, he will be handed over to the police and a case is registered against him. *
4	If the candidate mishandles the Answer book or additional sheet or takes out or arranges to send out the question paper during the examination or answer book or additional sheet, during or after the examination. Also if the answer script is mutilated / damaged disturbing the shape, of the script, answers, the bar code intentionally.	Expulsion from the examination hall and cancellation of performance in that subject and all the other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester. He shall be debarred from class work and all examinations and be allowed to reregistered for the next subsequent odd or even semester only. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat.*
5.	Uses objectionable, abusive or offensive language in the answer paper or in letters to the examiners or writes to the examiner requesting him to award pass marks.	The same should be brought to the notice of CE who in turn in consultation with malpractice committee makes decision for cancellation of the performance in that subject. *
6.	Refuses to obey the orders of the Chief Superintendent/Assistant – Superintendent / any officer on duty or misbehaves or creates disturbance of any kind in and around the examination hall or organizes a walk out or instigates others to walk out, or threatens the officer-in-charge or any person on duty in or outside the examination hall of any injury to his person or to any of his relations whether by words, either spoken or written or by signs or by visible representation, assaults the officer-in-charge, or any person on duty in or outside the examination hall or any of his relations, or indulges in any other act of misconduct or mischief which result in damage to or destruction of property in the examination hall or any part of the College campus or engages in any other act which in the opinion of the officer on duty amounts to use of unfair means or misconduct or has the tendency to disrupt the orderly conduct of the	In case of students of the college, they shall be expelled from examination halls and cancellation of their performance in that subject and all other subjects the candidate(s) has (have) already appeared and shall not be permitted to appear for the remaining examinations of the subjects of that semester. The candidates also are debarred and forfeit their seats. In case of outsiders, they will be handed over to the police and a police case is registered against them. *





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	examination.	
7.	Leaves the exam hall taking away answer script or intentionally tears of the script or any part thereof inside or outside the examination hall.	Expulsion from the examination hall and cancellation of performance in that subject and all the other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred for two consecutive semesters from class work and all University examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat. *
8.	Possess any lethal weapon or firearm in the examination hall.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred and forfeits the seat. *
9.	If student of the college, who is not a candidate for the particular examination or any person not connected with the college indulges in any malpractice or improper conduct mentioned in clause 6 to 8.	Student of the colleges expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester. The candidate is also debarred and forfeits the seat. Person(s) who do not belong to the College will be handed over to police and, a police case will be registered against them. *
10	Comes in a drunken condition to the examination hall.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester. *
11	Copying detected on the basis of internal evidence, such as, during valuation or during special scrutiny.	Cancellation of the performance in that subject and all other subjects the candidate has appeared including practical examinations and project work of that semester/year examinations. *

*





17. General :

- Wherever the words “he”, “him”, “his”, occur in the regulations, they include “she”, “her”, “hers”.
- The academic regulation should be read as a whole for the purpose of any interpretation.
- In the case of any doubt or ambiguity in the interpretation of the above rules, the decision of the Vice-Chancellor is final.
- The University may change or amend the academic regulations or syllabi at any time and the changes or amendments made shall be applicable to all the students with effect from the dates notified by the University.

Academic Regulations for M.Tech. Programmes

Applicable to the students admitted from the Academic year 2015-2016 onwards.

1. COURSE PATTERN:

- The program is for 2 academic years with 4 semesters.

2. AWARD OF DEGREE:

A student will be declared eligible for the award of degree if he/she fulfills the following academic regulations.

- a) A student shall be declared eligible for the award of the degree, if he/she pursues a course of study for not less than Two academic years and not more than Four academic years.
- b) The student shall register for 80 credits and secure all 80 credits.
- c) Students who fail to complete their Two Years Course of study within Four years shall forfeit their seat and their admission shall stand cancelled.

3. DISTRIBUTION AND WEIGHTAGE OF MARKS:

- a) All Theory courses are assessed for 100 marks with a split of 40 marks for internal assessment and 60 marks for semester end external examination.
 - Two internal assessments tests (90 min each), for each theory course are conducted over the period of the semester, one in the middle and the other at the end and the performances are averaged for 30 marks.
 - An internal assessment test shall have 3 questions each for 10 marks, all questions to be answered.
 - A student shall be assessed for two assignments/seminars or a combination each for 5 marks and for a total of 10 marks.
 - External examination is for 60 marks (180 min). Question paper contains 7





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questions at least 1 question from each unit. Each question carries 12 marks. A student is expected to answer any 5 questions.

b) Laboratory/Practice:

All Laboratory/Practice courses are assessed for 100 marks with a split of 40 marks for internal assessment and 60 marks for semester end external examination.

- Continuous assessment for 20 marks for each experimental session finally averaged to 20 marks.
- An internal assessment test conducted at the end of the semester shall be assessed for another 20 marks where a student is expected to perform at least one laboratory test/experiment over duration of 3 hours or project based assessment.
- External examination is for 60 marks (180 min) conducted and assessed by an external and internal examiners.
- Both internal and external examination shall include assessment of the student on
 - a) Knowledge of principles/concepts involved
 - b) Experimental design
 - c) Result interpretation and analysis
 - d) Experimental report

c) Drawing/Design/Estimation:

These courses are assessed for 100 marks with a split of 40 marks for internal assessment and 60 marks for semester end external examination.

- Continuous assessment for 20 marks for each unit finally averaged to 20 marks.
- Two internal assessment tests are conducted during the semester which shall be assessed for another 20 marks by taking the average.

d) Project Evaluation:

Duration is TWO semesters -40 weeks are mandatory to submit.

- PRC includes HOD and two other senior faculties, one being the guide.
- To register for project work, a student shall complete all the course work requirements of I and II semesters.
- The progress of the work shall be periodically reviewed by PRC.
- The PRC shall authorise /approve change of guide/topic/title as deemed fit.
- A student shall submit Status Report in line with the recommended project calendar as approved by PRC.
- Student has to submit draft copy of thesis/dissertation to PRC, and also shall make an oral presentation. He/she shall publish the work in journal or international conference of repute and relevance.
- A student shall make 5 copies of PRC approved draft copy of the work and submit.
- Candidates who have successfully passed all the I and II semester courses shall be eligible for submitting the thesis.





- The thesis shall be adjudicated by the internal and external examiners in the presence of Head of the department.
- Student shall be examined for his contributions, knowledge along with the quality of the work through presentations and Viva-voce.
- The assessment of work shall be done on the following lines:
 - Directed study/self study (Pre-requisite) shall be evaluated internally for 50 marks by PRC at the end of III semester
 - Research Methodology shall be evaluated internally for 50 marks by PRC at the end of III semester
 - Comprehensive Viva-Voce shall be evaluated internally for 50 marks by PRC in the III semester
 - Seminar shall be evaluated internally for 50 marks by PRC in the III semester
 - Project phase I which includes Problem definition, Literature survey, tool specific knowledge shall be evaluated internally for 100 marks by PRC at the end of III semester
 - Project phase II shall be evaluated for 300 marks at the end of IV semester. Out of 300 marks, 150 marks shall be evaluated internally by PRC and remaining 150 marks shall be evaluated externally by the internal and external examiner.
 - The evaluation of Project phase II shall be made on the following aspects.
 - i) Experimental/methodology design
 - ii) Result analysis and interpretations
 - iii) Report writing
 - iv) Presentation
 - v) Viva-voce

4. ATTENDANCE REGULATIONS:

- I. A student shall be eligible to appear for end semester examinations, if he or she acquires a minimum of 75% of attendance in aggregate of all the subjects (Theory & Lab.) for the semester.
- II. A Student shall not be promoted to the next semester unless he/she fulfills the attendance requirement of the current semester.
- III. A student may seek re- admission for that semester when offered a least one week ahead of the commencement of class work.
- IV. To appear for end laboratory examination a candidate shall put up a minimum of 75% attendance for regular lab sessions and should have completed all the laboratory experiments/tests along with submission of record complete in all respects.



5. MINIMUM ACADEMIC REQUIREMENTS:

A student is deemed to have satisfied the minimum academic requirements if he has earned the credits allotted and secures at least 24 marks out of 60 marks at semester end examination and overall 50 marks out of 100 marks put together both internal and semester end examinations.

6. COURSE STRUCTURE:

M.TECH:

The total course will consist of the following components.

a) Core Mandatory(Theory)	CM	21-27 credits
b) Core Mandatory(Lab)	CM(L)	02-06 credits
c) Core Elective (Theory)	CE(T)	15-21 credits
d) Comprehensive Viva voce	CV	01-03 credits
e) Self Study(Prerequisite)	SS	01-03 credits
f) Seminar	SE	01-03 credits
g) Research methodologies	RM	01-02 credits
h) Project phase 1	PR	06-12 credits
i) Project phase 2	PR	09-15 credits

*For all the programs offered, in the list of courses for electives one of the choices would be "MOOCs". Each department shall short list MOOC's course/(s) meeting the requirements of course duration, credits, etc., from time to time. The same shall be placed in the immediate BoS meeting for ratification.

7. ABOUT GRADING SYSTEM:

Performance of a student is evaluated in terms of earned credit weighed marking system. Earned credits are defined as the sum of course credits in which grade points above a certain cut off have been obtained for declaring student pass in that course.

• Points earned in a semester:

Σ (course credits earned x Grade points)

Semester Grade Point Average (SGPA) for the current semester which is calculated on the basis of grade points obtained in all courses, except audit courses and courses in which satisfactory or course continuation has been awarded.

$SGPA = \frac{\Sigma(\text{course credits earned} \times \text{Grade points})}{\Sigma(\text{Total course credits in the semester})}$

Cumulative Grade Point Average (CGPA) is calculated on the basis of all pass grades obtained in all courses, except audit courses, obtained in all completed semesters.



CGPA = Σ (course credits earned x Grade points) over all semesters / Σ (Total course credits in all the semesters).

The UGC recommends a 10-point grading system with the following letter grades as given below:

O	(Outstanding)	10
A+	(Excellent)	9
A	(Very Good)	8
B+	(Good)	7
B	(Above Average)	6
C	(Average)	5
P	(Pass)	4
F	(Fail)	0
Ab	(Absent)	0

- A student obtaining Grade F shall be considered failed and will be required to reappear in the examination.

Illustration of Computation of SGPA and CGPA and Format for Transcripts
Computation of SGPA and CGPA

Illustration for SGPA

Course	Credit	Grade Letter	Grade point	Credit Point (Credit x Grade)
Course 1	3	A	8	3 X 8 = 24
Course 2	4	B+	7	4 X 7 = 28
Course 3	3	B	6	3 X 6 = 18
Course 4	3	O	10	3 X 10 = 30
Course 5	3	C	5	3 X 5 = 15
Course 6	4	B	6	4 X 6 = 24
	20			139

Thus, **SGPA = 139/20 = 6.95**

Illustration for CGPA

Semester 1	Semester 2	Semester 3	Semester 4
Credit: 20	Credit: 22	Credit: 25	Credit: 26
SGPA: 6.9	SGPA: 7.8	SGPA: 5.6	SGPA: 6.0

Thus, **CGPA = $\frac{20 \times 6.9 + 22 \times 7.8 + 25 \times 5.6 + 26 \times 6.0}{80}$**
= 7.57

8. ELIGIBILITY FOR AWARD OF DEGREE:

A student shall be eligible for award of the degree if he/she fulfills the following conditions:

- 1) Success fully completes all the courses prescribed for the Program.
- 2) CGPA greater than or equal to 5.5 (Minimum requirement for Pass).
- 3) Should have cleared all dues.
- 4) Complied with all the rules and regulations during the period of study governing



satisfactory conduct.

9. AWARD OF CLASS:

The candidates who are eligible for the award of M.Tech./MBA Degree shall be placed in one of the following Classes based on CGPA.

Class	CGPA
Distinction	≥ 7.5
First Class	≥ 6.5
Pass Class	≥ 5.5

10. INSTRUCTION DAYS: A semester shall have a minimum period of 90 clear instruction days.

11. SUPPLEMENTARY EXAMINATIONS:

Supplementary examinations shall be conducted along with regular examinations for every semester.

12. WITHHOLDING OF RESULTS: The result of the student will be withheld

- If the student has not paid the dues, if any, to the institution
- If any case of pending disciplinary action against him,
- Involving in any sort of malpractices etc.

13. TRANSITORY REGULATIONS:

- A candidate joining the institution on transfer from other institutions shall submit a record/history of courses of semesters already completed elsewhere prior to seeking such transfer.
- Board of Studies of the department may accept/reject such request for transfer depending on compatibility of the program.
- For accepted cases, the Board of Studies shall recommend equivalency of courses and also additional equivalent (substitute) courses if any to be taken up for the award of degree for all prospective courses leading to the completion of the program.
- Only candidates who have fulfilled the academic/course work requirements up to the previous semester shall only be considered for admission on transfer.
- Student seeking transfer has to clear all his/her backlog subjects of previous semesters by appearing the supplementary examinations, conducted by the affiliated/other university.
- Admission on transfer may be taken only on the payment of prescribed fee prevailing at the time.



14. AMENDMENTS TO REGULATIONS:

The Academic Council of MVGR College of Engineering (Autonomous) reserves the right to revise, amend, change or nullify the Regulations, Schemes of Examinations, and/ or Syllabi or any other such matter relating to the requirements of the program which are compatible to the contemporary/emerging trends effectively meeting the needs of society/industry/stake holding groups.

Academic Regulations for MBA Program

Applicable to the students admitted from the Academic year 2015-16 onwards.

1. COURSE PATTERN:

The program is for 2 academic years with 4 semesters.

2. AWARD OF DEGREE:

A student will be declared eligible for the award of degree if he/she fulfills the following academic regulations.

- A student shall be declared eligible for the award of the degree, if he/she pursues a course of study for not less than Two academic years and not more than Four academic years.
- The student shall register for 80 credits and secure all 80 credits.
- Students who fail to complete their Two Years Course of study within Four years shall forfeit their seat and their admission shall stand cancelled.

3. DISTRIBUTION AND WEIGHTAGE OF MARKS:

- All Theory courses are assessed for 100 marks with a split of 40 marks for internal assessment and 60 marks for semester end external examination.
 - Two internal assessments tests (120 min each), for each theory course are conducted over the period of the semester, one in the middle and the other at the end and the performances are averaged for 20 marks.
 - An internal assessment test shall have 4 questions each for 5 marks. all questions to be answered.
 - 20 marks is allotted for Mini Report (10marks for preparation of Report and 10 marks for presentation in the class room) in the respective subject.
 - External examination is for 60 marks (180 min). Question paper contains 7 questions at least 1 question from each unit. Each question carries 12 marks. A student is expected to answer any 5 questions.





b) Laboratory/Practice:

All Laboratory/Practice courses are internally assessed for 50 marks.

The assessment shall be done on the following aspects.

- Knowledge of principles/concepts involved
- Experimental design
- Result interpretation and analysis
- Experimental report

c) Project Evaluation:

- A student shall take a project at the end of II semester.
- A Project Review Committee (PRC) is constituted at the end of the second semester.
- PRC includes HOD and two other senior faculties, one being the guide.
- To register for project work, a student shall complete all the course work requirements of I and II semesters.
- The progress of the work shall be periodically reviewed by PRC.
- The PRC shall authorise /approve change of guide/topic/title as deemed fit.
- A student shall submit Status Report in line with the recommended project calendar as approved by PRC.
- Project is evaluated for 200 marks at the end of IV semester.
- A student shall report to the guide/external supervisor and work under his supervision at least 30 hours per week for 6 weeks at the end of second semester.
- Also, a student shall engage a minimum of 2 hours per week in III and IV semester in consolidating the data, report writing, results & analysis, conclusions etc. Evaluation shall comprise of internal and external assessment.

Internal: 80

External: 120

- A project committee comprising of HoD, department Academic Coordinator, R&D member of the department, One senior faculty and guide shall review the progress once in four weeks.
- Internal evaluation shall be done by HoD, department Academic Coordinator, R&D member of the department, One senior faculty and guide for 80 marks.
- External evaluation shall be done by HoD, Guide/Internal Examiner and External Examiner for 120 marks.
- Assessment shall be on:
 - Problem definition
 - Literature review
 - Review on fundamental knowledge involved
 - Inter disciplinary aspect





- e. Experimental/methodology design
- f. Result analysis and interpretations
- g. Report writing
- h. Presentation
- i. Viva-voce

d. Comprehensive Viva-Voce:

Comprehensive Viva-Voce shall be evaluated for 50 marks by PRC in the II semester.

4. ATTENDANCE REGULATIONS:

- I. A student shall be eligible to appear for end semester examinations, if he or she acquires a minimum of 75% of attendance in aggregate of all the subjects (Theory & Lab.) for the semester.
- II. A Student shall not be promoted to the next semester unless he/she fulfills the attendance requirement of the current semester.
- III. A student may seek re- admission for that semester when offered a least one week ahead of the commencement of class work.
- IV. To appear for end laboratory examination a candidate shall put up a minimum of 75% attendance for regular lab sessions and should have completed all the laboratory experiments/tests along with submission of record complete in all respects.

5. MINIMUM ACADEMIC REQUIREMENTS:

A student is deemed to have satisfied the minimum academic requirements if he has earned the credits allotted and secures at least 24 marks out of 60 marks at semester end examination and overall 50 marks out of 100 marks put together both internal and semester end examinations.

6. COURSE STRUCTURE:

The total course structure will consist of the following components.

a) Foundation courses	FM	15-21 credits
b) Core Mandatory(Theory)	CM	21-27 credits
c) Lab courses	FL	02-04 credits
d) Core Elective (Theory)	CE	15-21 credits
e) Open Elective	OE	06-12 credits
f) Comprehensive Viva-Voce	CV	01-02 credits
g) Project	PR	06-09 credits

*For the program offered, in the list of courses for Open electives one of the choices would be "MOOCs". The department shall short list MOOCs course/(s)



meeting the requirements of course duration, credits, etc., from time to time. The same shall be placed in the immediate BoS meeting for ratification.

7. ABOUT GRADING SYSTEM:

Performance of a student is evaluated in terms of earned credit weighed marking system. Earned credits are defined as the sum of course credits in which grade points above a certain cut off have been obtained for declaring student pass in that course.

- Points earned in a semester:

$\Sigma (\text{course credits earned} \times \text{Grade points})$

Semester Grade Point Average (SGPA) for the current semester which is calculated on the basis of grade points obtained in all courses, except audit courses and courses in which satisfactory or course continuation has been awarded.

$$\text{SGPA} = \frac{\Sigma (\text{course credits earned} \times \text{Grade points})}{\Sigma (\text{Total course credits in the semester})}$$

Cumulative Grade Point Average (CGPA) is calculated on the basis of all pass grades obtained in all courses, except audit courses, obtained in all completed semesters.

$$\text{CGPA} = \frac{\Sigma (\text{course credits earned} \times \text{Grade points}) \text{ over all semesters}}{\Sigma (\text{Total course credits in all the semesters})}$$

The UGC recommends a 10-point grading system with the following letter grades as given below:

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Computation of SGPA and CGPA

Illustration for SGPA

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$$\text{Thus, CGPA} = \frac{20 \times 6.9 + 22 \times 7.8 + 25 \times 5.6 + 26 \times 6.0}{80} = 7.57$$

8. ELIGIBILITY FOR AWARD OF DEGREE:

A student shall be eligible for award of the degree if he/she fulfills the following conditions:

- 1) Successfully completes all the courses prescribed for the Program.
- 2) CGPA greater than or equal to 5.5 (Minimum requirement for Pass).
- 3) Should have cleared all dues.
- 4) Complied with all the rules and regulations during the period of study governing satisfactory conduct.

9. AWARD OF CLASS:

The candidates who are eligible for the award of M.Tech./MBA Degree shall be placed in one of the following Classes based on CGPA.

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Distinction	≥ 7.5
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- For accepted cases, the Board of Studies shall recommend equivalency of courses and also additional equivalent (substitute) courses if any to be taken up for the award of degree for all prospective courses leading to the completion of the program.
- Only candidates who have fulfilled the academic/course work requirements up to the previous semester shall only be considered for admission on transfer.
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- 9) To discuss and ratify the minutes of meeting of all the BoS.

Discussed and ratified. The details have been presented.

- 10) To discuss and recommend introduction of new programs/additional intake/closure

It is resolved to

- ❖ Propose introduction of Ph.D programs in Civil Engineering and Electrical & Electronics Engineering and MBA.
- ❖ Propose introduction of M.Tech. (Aeronautical Engineering).

- 11) To discuss and review recent circulars/notifications from regulating bodies/Universities/State Government

Reviewed and recorded.


(Dr. Y M C Sekhar)
Member Secretary


(Dr. K V L Raju)
Chairman