

Date: 16/4/2016

Maharaja Vijayaraghavan Government Engineering College of Engineering (Autonomous)
Vizianagaram 2nd Academic Council Meeting held in the Institution
Premises on 16.04.2016 at 11.00 A.M.

Members Present

(1) Dr. K.V.L. RATH
Principal

Chairman

(2) Dr. B. Prabhakar Rao
Rector, INTUK, Kakinada

Member

(3) Dr. K. Padma RATH
Director - Academics & Planning
INTUK, Kakinada.

Member

(4) Dr. P. Subba Rao
Director - Evaluation
INTUK, Kakinada

Member

(5) Sri A. Mahan Fernando
Head - HR Mobilization Cell (HRMC)
Campus Centre, L&ET Construction

Member

CRRC Centre, 3rd Floor, Chennai - 600089.

(6) Dr. J. S. N. RATH
Chairman
The Institution of Engineers (India)
A.P. State Centre
Hyderabad.

Member

(7) Sri G. Shiv Kumar — Member —
CEO
Maple Software Pvt. Ltd
Wizachestnam.

(8) Dr. A. Srinivas Kumar — Member —
Associate Director
NSTL, Wizachestnam

(9) Ms. Revathi Kasturi — Member —
CEO
LAVIK Job Skills Academy Ltd.
Bangalore

(10) Prof. D.J.J. Ramesh Chandra Rao — Member —
Vice-Principal (Admin)

(11) Dr. CH. Ramesh Chandra Rao — Member —
AVT-Principal (Academics)

(12) Dr. R. Ramiah — Member —
Dean - R&D

(13) Dr. B. Ramesh Chandra — Member —
Dean - Strategic Planning

(14) Dr. M. Sunil Prakash — Member —
Dean - Training & Placement

(K. Praveen)

(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) Sri Viswanathan - member
Sr Manager - HR
Wipro, Chennai

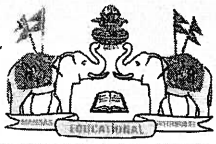
(29) Dr Y.N.C. Sekhar - member Secretary
Vice-Principal (Academics)



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



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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

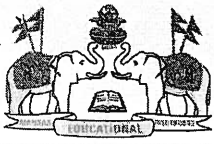
Faculty recognized as Research Supervisors by JNTU-K - 36.

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.

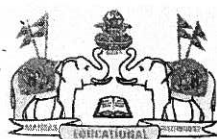
Sl.	Department	In Collaboration With	Purpose
1	EEE	SIEMENS	To provide in PLC and Drives
2	College Level	APSSDC & NASSCOM	To provide training in the area of Cyber Security
3	College Level	APSSDC & NASSCOM	To provide training in the area of Data Analytics
5	College Level	Indian Telecom Innovation Hub – 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



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:

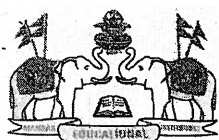
Name	Prgm	Dept	Year	University Rank (JNTUK)
Ms. Nandilla Lavanya	B.Tech.	MECH	2015	GOLD (Overall topper in all branches)
Ms. Nandilla Lavanya	B.Tech.	MECH	2015	GOLD
Ms. Madugula Mrudula	B.Tech.	CHEM	2015	GOLD

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:

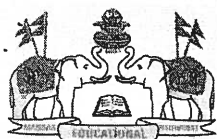
R13 and A1 regulations have different levels of credits offered for I& II semesters. After taking cognizance of course and substitute course equivalency to bring credit equivalency, it is recommended the following be equated for the purpose of award of degree.

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



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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:

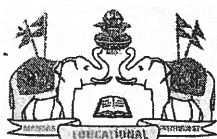
R13 and A1 regulations have different levels of credits offered for I& II semesters. After taking cognizance of course and substitute course equivalency to bring credit equivalency, it is recommended the following be equated for the purpose of award of degree.

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 1
2	Computer Programming lab	Electronic Devices & Circuits lab

Credit Equivalency:

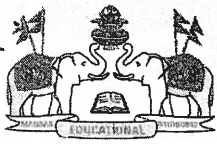
R13 and A1 regulations have different levels of credits offered for I& II semesters. After taking cognizance of course and substitute course equivalency to bring credit equivalency, it is recommended the following be equated for the purpose of award of degree.

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



MVGR College of Engineering (Autonomous)

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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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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, LaqshJobskills 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