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CONVENOR

Dr. P Markandeya Raju, Professor & HoD, Civil Engg

CO-CONVENOR

Dr. S Chandramouli, Professor, Civil Engg.,

ORGANIZING SECRETARY

Mr. A Varaprasad, Asst. Prof, Civil

FACULTY COORDINATORS

Dr. R Maheswaran, Assoc. Prof, Civil Engg.,
Mr. Kalyan AVS, Asst. Prof, Civil Engg.,

ORGANIZING FACULTY MEMBERS

Sri. B Ramesh Raju	Mr. Ch V Ravi Sankar
Mr. S MuraliSagarVarma	Mr. P Sudheer
Mr. BV Joga Rao	Mr. V Vinay
Mr. S Purushotham Rao	Mr. B Ramu
Mr. SS BhanuSai Kumar	Mr. W Sai Deepak
Mr. K Anil Pradeep	Mr. K Santosh Kumar
Ms. D Praseeda	Ms. T Jahnavi
Mr. B Jagadeesh	Mr. K V Rao

WHO CAN ATTEND?

Faculty Members, Research Scholars, PG students, 4th Year UG Students, Personnel from Research & Development organizations can also attend this workshop.

REGISTRATION FORM

<i>Name</i>	
<i>Registration Type</i>	<u>Faculty/ Industry</u> <u>Student/ Research Scholar</u>
<i>Organization</i>	
<i>Email ID</i> <i>Phone Number</i>	
<i>DD No. and Date</i> <i>Bank Drawn</i>	
<i>Signature</i> <i>Date</i>	

Registration Fee – Rs. 750/- (Faculty/Industry)
Rs. 500/- (Student/Research Scholars)
Demand Draft should be taken in favour of “Principal,
MVGR College of Engineering” payable at Vizianagaram

IMPORTANT DATES

Last date for the registration: **23.03.2018**
Intimation of selected candidates: **24.03.2018**

ADDRESS FOR COMMUNICATION

Mr. A Varaprasad, Asst. Professor
Mr. Kalyan AVS, Asst. Professor

Department of Civil Engineering
MVGR College of Engineering (A)
Vizianagaram, Andhra Pradesh - 535 005

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Two Day National Workshop on
Applications of
Remote Sensing and GIS in
Water Resources Management
27-28th March, 2018



Organized by

Department of Civil Engineering
MVGR College of Engineering (A)

Accredited by NBA & NAAC with 'A' Grade; Approved by AICTE New Delhi,
Permanently Affiliated to JNTU Kakinada;
Listed U/S 2(f) & 12(B) of the UGC Act 1956

Vizianagaram, Andhra Pradesh-535 005

www.mvgrce.com

ABOUT MVGR

MaharajVijayaramGajapathi Raj College of Engineering was established in the year 1997 under the aegis of MANSAS (MaharajAlakNarayana Society of Arts and Science) founded by Late Dr. PVG Raju, Raja Saheb of Vizianagaram. The college offers following programmes in addition to MBA:

B.Tech: Chemical Engineering, Civil Engineering, Computer Science, Electronic and Communication, Electrical and Electronics, Information Technology and Mechanical Engineering.

M.Tech: Computer Networks & Information Security, Data science, Power system, Product Design and Manufacturing, VLSI, Structural Engineering.

Five of the departments have been recognized as a research centers by JNTUK. The college is gifted with serene atmosphere amidst green plantation. The Institute is putting its untiring efforts to attain the objective of imparting quality technical education. The Institute in addition to curricular programs constantly strives to update its faculty and students with emerging and most recent developments in various disciplines through Industry-Academy interactions by conducting International and National Conferences, Workshops, Seminars, Add-on Courses and Guest Lectures. The Institute has 19 sponsored research projects from DST, AICTE, UGC, IEI and ICSSR. The Institute has student chapters of professional bodies such as IEI, IEEE. Recognized as “Center of Excellence” by PTC for Creo and Windchill training, VIRTUSA for PEGA training, MICROSOFT under Ed-vantage Program, WIPRO for its WIPRO MISSION 10X Technology Learning Center (MTLC), TCS for its Academic Interface Program (AIP), SIEMENS for Digital Manufacturing. The college is recognized as a “Business Incubator” by the Ministry of

Micro, Small and Medium Enterprises (MSME), Government of India and Skill Development Center by AP State Skill Development Corporation.

ABOUT THE DEPARTMENT



Department of Civil Engineering was established in the year 2009 offers B.Tech in Civil Engineering and M.Tech in Structural Engineering. The UG program is accredited by NBA. The Department has state of the art infrastructure & well-equipped laboratories. 27 well qualified strong team of faculty with a blend of industry, R&D and teaching experience with varied specializations offer teaching-learning services. Among them 6 are doctorates, and 5 are currently pursuing their doctoral research. The department has a dedicated Computer Centre & Research Centre promoting active research. The department has certified competency for skill development leading to award of certification in Remote Sensing and STAAD.Pro in collaboration with Indian Institute of Remote Sensing (IIRS) and Bentley. The faculty of the department have more than 100 quality research publications in journals of international repute. The department has funded research project worth more than 75 Lacs from DST. The department offers consultancy services to various Government and Private organizations like GVMC, VUDA, Vizianagaram Traffic Police, AP Road Safety Department, CPWD,

Visakhapatnam Urban Development Authority, SPCB Vizianagaram. The department serves as a Third-party QA & QC agency for Vizianagaram Municipality.

ABOUT THE WORKSHOP

It is widely known fact that Remote Sensing and GIS technology is evolving rapidly in the field of water resource engineering to allocate the surface and sub-surface water resources optimally for different purposes. Remote sensing has some limitations in respect to areal and temporal acquisition of data sets, that is expected to be overcome in the near future due to rapid improvements in satellite technology. It is believed that these techniques will, for many cases, be the most effective tools for the assessment and effective management of scarce water resources in the years to come. In view of this, the department of civil engineering is planned to conduct a two day workshop on Applications of remote sensing and geographic information system in water resources engineering to address various water related issues and challenges

Topics to be covered:

- *Basics of Remote Sensing and GIS and*
- *Applications in Water Resource Management.*
- *Hands-On with GIS software's (Open Source and ARCGIS – Basics of ArcGIS, Development of a DEM and Delineation of Watershed)*

RESOURCE PERSONS

Lectures by Eminent Personalities from

- **National Remote Sensing Center, Hyderabad**
- **Central Ground Water Board**
- **State Ground Water Board**
- **IIIT Hyderabad**
- **JNT University, Kakinada**
- **Andhra University, Visakhapatnam**