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Professor, Civil Engineering

Mr. Rajendra Prasad Singh

Distinguished Assistant Professor
Head of the Department, Civil Engineering
& Convenor, FDP

Dr. S Chandramouli

Professor, Civil Engineering
& Co-Convenor, FDP

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About MVGR

Maharaj Vijayaram Gajapathi Raj College of Engineering (MVGR), Vizianagaram, was established in 1997 under the aegis of MANSAS, an educational trust founded by Late Dr. P. V. G. Raju, Rajah Saheb of Vizianagaram. The college is located at Chintalavalasa, Vizianagaram District, Andhra Pradesh, approximately a 30-minute drive from Alluri Sitarama Raju International Airport, Bhogapuram. The institution provides its learning community with state-of-the-art facilities, modern infrastructure, and a competent and dedicated faculty. MVGR places strong emphasis on industry-academia collaboration as a means of enriching its curriculum with practical knowledge and real-world experiences. The college is committed to providing a well-rounded education that empowers students with the knowledge, skills, and competencies required to become resourceful and responsible engineers.

About the Department

Established in 2009, the Department of Civil Engineering offers B.Tech. in Civil Engineering and M.Tech. in Structural Engineering, with NBA (Tier-1) accreditation. The department has: 19 qualified faculty members with 9 PhDs, Modern laboratories, and dedicated Computer and Research Centers promoting active research and skill development in collaboration with IIRS and Bentley. Over 150 international publications, Received ₹300 lakh DST funding, Provides consultancy services to major government and private organizations.

Our Team

Dr. S. Murali Sagar Varma
Dr. Ch. V. Ravi Sankar
Dr. P. Sudheer
Dr. S. Siva Bhanu Sai Kumar
Dr. K. Santosh Kumar
Dr. V. Vinay
Mr. B. Ramu

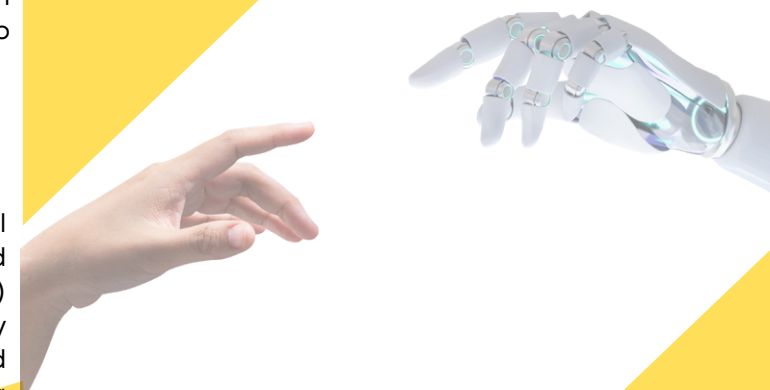
Mr. S Purushotham Rao
Mr. W Sai Deepak
Mr. Kalyan AVS
Mr. BV Joga Rao
Mr. G Rahul Reddy
Mr. A Sai Kumar
Mrs. M Sai Priya
Mr. L Sankarrao



FIVE - DAY ONLINE

FACULTY DEVELOPMENT PROGRAMME (FDP)

Digital Transformation in Civil Engineering: AI, Sustainable Infrastructure & Geospatial Technologies



SEPTEMBER 15 - 19, 2026

Timings: 2 PM - 4 PM

Organized by

DEPARTMENT OF CIVIL ENGINEERING MVGR COLLEGE OF ENGINEERING (AUTONOMOUS)

Accredited by NBA of AICTE; Graded 'B++' by NAAC of UGC; Approved by AICTE, New Delhi; Permanently Affiliated to JNTUGV, Vizianagaram; Listed u/s 2(f) & 12(B) of the UGC Act 1956.

Vizianagaram, Andhra Pradesh - 535 005

Target Participants

- Academicians
- Research Scholars
- Industry Professionals
- Startup founders
- Government officials
- Personnel working in Infrastructure sector

How to Apply?

NO REGISTRATION FEE

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Scan here to get registered.

Please join the Whatsapp group
<https://chat.whatsapp.com/FRyRZMTiXzQ7bef8CRYJfL?s=qt&p=a&ilr=0>

Please do not miss the opportunity to upskill, network and align with the Digital Transformation in Civil Engineering

About the FDP

Civil Engineering is undergoing a rapid digital transformation through technologies such as Artificial Intelligence (AI), Machine Learning (ML), Digital Twins, GIS, BIM, IoT, Remote Sensing, and Big Data Analytics. These innovations are revolutionizing the planning, design, construction, and management of sustainable infrastructure projects. To equip faculty members with the latest advancements and their applications across various Civil Engineering domains, the Department of Civil Engineering proposes to organize a FDP featuring

experts from premier academic institutions, research organizations, and industry.

Objectives of the FDP

- The proposed FDP aims to:
- 1.Introduce faculty members and researchers to the latest developments in digital technologies transforming Civil Engineering.
 - 2.Explore the applications of Artificial Intelligence and Machine Learning in solving complex Civil Engineering problems.
 - 3.Highlight recent advances in Remote Sensing, GIS, and Smart Infrastructure Systems.
 - 4.Promote interdisciplinary research involving AI, geospatial technologies and sustainability for resilient infrastructure.

Key Areas

- Artificial Intelligence and Machine Learning in Civil Engineering
- Digital Twin Technologies for Smart Infrastructure
- Geospatial Technologies (Remote Sensing, GIS and GeoAI)
- Sustainable Water Resources and Agricultural Water Management
- Smart Groundwater Monitoring & AI-Based Prediction
- Climate Change Analysis and Environmental Sustainability
- Offshore Wind Energy and Marine Geotechnics
- Intelligent Transportation Systems and Driving Behaviour Analysis
- Emerging Contaminants and Advanced Water Treatment Technologies
- Smart Cities and Urban Digital Transformation

Resource Persons



Prof. J. Adinarayana
Professor, CSRE, IIT – Bombay.



Sri Gowtham Gollapalli
Co-Founder, KAIINOS Geo-Spatial Technologies Pvt Ltd, Hyderabad



Dr. Pradeep Kumar D
Assistant Professor,
Civil & Infrastructure Engineering,
IIT Jodhpur



Dr. Thejesh Kumar G
Assistant Professor,
Ocean Engineering,
IIT Madras



Dr. Akshay Gupta
Assistant Professor,
Civil & Infrastructure Engineering,
IIT Jodhpur



Dr. A.V.S.S. Anand
Rtd. Scientist,
Central Ground Water Board



Dr. Rakesh Kadaverugu
Principal Scientist,
CSIR-NEERI, Nagpur



Dr. Sovik Das
Assistant Professor, Department of
Civil & Environmental Engineering,
IIT-Delhi



Dr. YV NK Murthy
Rtd. Distinguished Scientist, ISRO,
Adjunct Prof. IIT Tirupati



Prof. Pennan Chinnasamy
Associate Professor – Indian
Institute of Technology, Bombay