



CIVIL INTEGRA: "A Five Day workshop on Advanced Technologies in Civil Engineering"

08-12-2025 to 12-12-2025



Civil Engineering Department

G. Pulla Reddy Engineering College
(Autonomous) Kurnool-518007
Andhra Pradesh, India.

G.Pulla Reddy Engineering College is the brainchild of Late Sri G.Pulla Reddy, (popularly known as Sweets Pulla Reddy in A.P.) the renowned philanthropist and a great humanist. Established in 1984-85, it is one of the earliest private engineering colleges in the state of united Andhra Pradesh. GPREC has been functioning as an autonomous institution since 2006. The college is being managed by G. Pulla Reddy Charities trust, Hyderabad. The trust was instituted by late Sri G.Pulla Reddy Garu in 1977 with the motto of rendering service to the society. The trust has established many educational institutions, hospitals, orphanages, respite homes and other social welfare organizations in various parts of united Andhra Pradesh. G.Narayanamma Institute of Technology & Science (GNITS) – Hyderabad, G.Pulla Reddy College of Pharmacy – Hyderabad, G.Pulla Reddy Dental College – Kurnool are some of the other institutions being managed by this trust.

The Civil Engineering Department is offering Cosultancy Services in the areas of Soil Tesing, Material Testing, Structural design vetting, etc. The Civil Engineering Department is conducting workshops/conferences to create awareness on latest technologies, computer applications and suitable solutions for various issues in the field of Civil Engineering.

RESOURCE PERSONS:

1. **Dr. P.S. Prasad**, Chief Scientist, Central Road Research Institute, New Delhi
2. **Dr. G. Bharath**, Principal Scientist, Central Road Research Institute, New Delhi
3. **Dr. Vema Vamsi Krishna**, Asst. Prof. of CED, NIT Warangal
4. **Sri. Chembeti Yedukondalu**, Regional Technical service manager, AP & TG, Adani Group ACC & Ambuja cement
5. **Sri. J. Ramanjaneyulu**, Technical Service Engineer, Adani Group ACC & Ambuja cement
6. **Sri. P. Eswanth**, Asst. Prof. of CED, G. Pulla Reddy Engineering College, Kurnool
7. **Dr. D. Sreenivasulu**, Asst. Prof. of CED, G. Pulla Reddy Engineering College, Kurnool

TOPICS TO BE COVERED:

- 1.Importance of Geotechnical Investigation for Construction of Pavements
- 2.Premature Pavement Failures: Field Challenges and Best Practices for Maintenance
- 3.Ground Improvement using Geosynthetics
- 4.Design Principles of Flexible Pavements for Indian Highways
- 5.FDR Technology for Pavement Rehabilitation
- 6.Basics of Water Distribution Network
- 7.Hands on Session on EPANET
- 8.Remote sensing and GIS basics to Advanced Technologies
- 9.Applications of DGPS and Drone Technology
- 10.Hands on Session on DGPS and Drone
- 11.Advances in Concrete Technology

WORKSHOP OUTCOME:

Participants will gain a clear understanding of soil investigation, pavement design, ground improvement and rehabilitation methods. They will learn to recognise pavement failures, select the right maintenance approach and use geosynthetics effectively. The program also builds practical skills in water-network modelling using EPANET. Participants will be able to operate DGPS and drone tools for accurate surveying and mapping. Learners will further explore advanced concrete technology for real project applications.

CHIEF PATRON:

Sri. P. Subba Reddy

Chairman, GPREC, Kurnool

PATRON:

Dr. B. Sreenivasa Reddy

Principal, GPREC, Kurnool

CHAIRMAN:

Dr. K. Chinnapa Reddy

Prof. & Head of CED, GPREC, Kurnool

CONVENER:

Dr. R. Sushmitha

Asst. Professor of CED, GPREC, Kurnool

CO-CONVENER:

Sri. P. Eswanth

Asst. Professor of CED, GPREC, Kurnool

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VENUE:

Seminar Gallery - 2

G. Pulla Reddy Engineering College, Kurnool