

ABOUT GPREC

G. Pulla Reddy Engineering College was the brainchild of late Sri. G. Pulla Reddy (12-08-1920 to 09-05-2007), the renowned philanthropist. His love for education and care for his native district manifested themselves in the form of this college. Inaugurated by the world famous Ophthalmologist Padmabhushan Dr. P. Shiva Reddy on 22nd Feb. 1985 and managed by G. Pulla Reddy Charities Trust. The college celebrated its bi-decennial during 2004-05, and celebrated its silver jubilee during 2009-10, and completed 37 years of its service in Engineering Education. The college is situated on Kurnool-Chittoor National Highway No.40 and is 6 KM from Collectorate Complex; Kurnool. The College offers 5 UG programs, 7 PG programs, and Ph.D. programs in all branches of Engineering. The college has been granted AUTONOMOUS status by University Grants Commission, New Delhi, with effect from the academic year 2006-2007. The college has the permanent affiliation to Jawaharlal Nehru Technological University Anantapur, Ananthapuramu and is approved by All India Council for Technical Education (AICTE), New Delhi and accredited by NBA of AICTE and NAAC of UGC, New Delhi with A+ Grade. The faculty of the college is a proper blend of learned and experienced senior faculty and dynamic, energetic young faculty.

Sprawling over a forty acre land, the college has the built up accommodation of over 2, 92,000 sq.ft. The spacious and ventilated classrooms, drawing halls are well furnished. The college has a generator for the uninterrupted conduct of experiments in laboratories. All the labs of engineering and sciences are well equipped and are being updated every year with the addition of new equipment. The labs of the college are

offering Testing and Consultancy services to several Govt. and private organizations.

The department of Civil Engineering is offering Testing and Consultancy Services in the areas of Soil Testing, Material Testing, Structural design, Mix Design, Overlay Design, Road roughness measure etc. The department of Civil Engineering is conducting workshops to create awareness on latest technologies, computer applications and suitable solutions for various issues in the field of civil engineering.

ABOUT THE WORKSHOP

The most effective way of reducing collisions on road is to construct the road safer through engineering measures. Road safety Engineering can identify the relationship between various elements of road design and accident risk. It also focuses on implementation of best practice. This workshop will provide knowledge on engineering aspects of road safety.

Low volume road means any road, street or thoroughfare which has an average daily traffic of less than 400 vehicles, and is open to travel by the public. Out of the total road network of India, village and other roads (Low Traffic Volume Roads) consist of 80% share. The participants can acquire enough knowledge on design of low volume roads, various issues and challenges encountered during the construction and maintenance of low volume roads.

Marshall Mix design is used to determine the stability and flow volume of bituminous and aggregate mixture. By performing this test, engineers can predict how well an asphalt mixture will perform and maximum load it can support. One complete session is provided for the detailed calculations involved in the Marshall mix design for the benefit of the participants.



(Autonomous), Kurnool-518007
Accredited by NAAC (A+) of UGC and NBA of AICTE

WORKSHOP ON

ROAD SAFETY- ENGINEERING MEASURES, LOW VOLUME ROADS AND MARSHALL MIX DESIGN

9th & 10th May 2022



Organized by
**CIVIL ENGINEERING DEPARTMENT
G. PULLAREDDY ENGINEERING
COLLEGE (AUTONOMOUS)
KURNOOL-518 007.**

COURSE OUTCOME

This workshop will help the participants to understand the importance of geometric design in reducing accident rates as well as the numerous technical solutions that are required for road safety. The workshop will also provide the expertise in the design of low volume roads through the practical session of Marshall mix design in the laboratory. It will provide the platform to share the knowledge of academicians, research scientists, and industrial experts.

ELIGIBILITY

Faculty from engineering colleges, PG students, Research Scholars, and Engineers from industry are eligible for participating in the workshop.

REGISTRATION

The participants are requested to register to the workshop through the Google form <https://forms.gle/sUwzKNbyxioFhFAHA> on or before 2nd May 2022

Email: sowjinnitt@gmail.com

REGISTRATION FEE:

Rs. 500/- for Students/Research Scholars

Rs. 1000/- for faculty/engineers/people working in the industry

Registration fee includes registration kit, certificate, Lunch & refreshments.

INTIMATION OF SELECTION

Candidates will be intimated of their selection through e-mail.

CHIEF PATRON

Sri P. Subba Reddy,
Chairman, GPREC, Kurnool.

PATRON

Dr B. Sreenivasa Reddy,
Principal, GPREC, Kurnool.

CHAIRMAN

Dr. K. Chinnapa Reddy,
Prof. & Head-CE, GPREC, Kurnool.

CONVENER

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CO-ORDINATORS

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ADVISORY COMMITTEE

Dr. K. V. S. Gopala Krishna Sastry, Professor
Dr. J.V. Gurusamy, Professor
Dr. M. Sreenivasula Reddy, Asso. Professor
Sri G. Nagesh Kumar , Sr. Asst. Professor
Sri V. K. Visweswara Rao, Asst. Professor

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Dr. R. Susmitha, Asst. professor
Smt. C. Chandana Priya, Asst. Professor

SCHEDULE

Day 1 (9th May 2022)

Forenoon Session (10:00am to 1.00 pm)
Resource Person: Dr. P.R. Bhanumurthy,
Professor of CE, JNTUA, Anantapur

- Engineering Aspects of Road Safety
Afternoon Session (2.00 pm to 5.00 pm)
Resource Person: Dr. T.S Reddy, Lea Associates, Hyderabad
- Road safety Auditing for Improved Safety on Roads

Day 2 (10th May 2022)

Forenoon Session (10:00am to 1:00 pm)
Resource Person: Dr. S. Shankar, Assistant Professor, National Institute of Technology, Warangal

- Low Volume Road Engineering-Issues and challenges
- Marshall Stability Mix Design

Afternoon Session (2.00 pm to 5.00 pm)

Resource Persons:

Dr. S. Shankar, Assistant Professor,
National Institute of Technology, Warangal.

T. Sowjanya, Assistant Professor,
G. Pulla Reddy Engineering College,
Kurnool

- Practical Session on Marshall mix design