



METHODIST
COLLEGE OF ENGINEERING & TECHNOLOGY
(An UGC-AUTONOMOUS INSTITUTION)



Accredited by NAAC with A+ and NBA
Estd : 2008 Affiliated to Osmania University & Approved by AICTE

DEPARTMENT OF CIVIL ENGINEERING

VISION

To evolve into a centre of excellence for imparting holistic civil engineering education contributing towards sustainable development of the society.

MISSION

- M1. To impart quality civil engineering education blended with contemporary and interdisciplinary skills.
- M2. To provide enhanced learning facilities and professional collaborations to impart a culture of continuous learning.
- M3. To involve in trainings and activities on communication skills, teamwork, professional ethics, environmental protection and sustainable development.

PROGRAM EDUCATIONAL OBJECTIVES

Within three to five years of graduation, the Civil Engineering B.E. graduates are expected to:

- PEO 1: Engage in planning, analysis, design, construction, operation and maintenance of built environment.
- PEO 2: Apply the knowledge of civil engineering to pursue research or to engage in professional practice.
- PEO 3: Work effectively as individuals and as team members in multidisciplinary projects with organizational and communication skills.
- PEO 4: Demonstrate the spirit of lifelong learning and career enhancement aligned to professional and societal needs.

PROGRAM OUTCOMES

- PO1 Engineering knowledge
- PO2 Problem Analysis
- PO3 Design/development of solutions
- PO4 Conduct investigations of complex problems
- PO5 Modern Tool Usage
- PO6 The engineer and society
- PO7 Environment & sustainability
- PO8 Ethics
- PO9 Individual and Team work
- PO10 Communication
- PO11 Project Management and Finance
- PO12 Life-long Learning

PROGRAM SPECIFIC OUTCOMES

- PSO 1: Investigate properties of traditional and latest construction materials using standard testing methods.
- PSO 2: Use AutoCAD, STAAD Pro, ETABS, Revit Architecture and ANSYS software for computer aided structural analysis and design.
- PSO 3: Describe the principles of sustainable development and green buildings for environmental preservation.

CIVIL TIMES
DEPARTMENT OF CIVIL ENGINEERING



Department Newsletter
March 2023

In Focus

Career Opportunities in Civil Engineering

A Seminar “Water Conservation Technologies- a way forward for water related sustainable development goals of United Nation”

Speaker: Dr Shaik Rehana, Asst. Prof, IIIT Hyderabad, Prof. N. Suresh Kumar, Dept of Civil Engg, O.U, Er. G.S Sivakumar Reddy, Superintending Engineer, Central Design Organization, Dr. K V B N Phanindra, Prof, Civil Engg Dept, IIT, Dr. R. Rejani, Principal Scientist, ICSR-CRIDA, Hyderabad on 12/03/2023, at Visvesvaraya Bhavan, Khairtabad, Hyderabad.

Editorial Board:

Chief:

Dr. Bandita Naik,
Professor & Head, CED,
MCET

Editorial Board

Members (Faculty):

Mr. R. Srikanth,
Assistant Professor

Mrs. M. Mary Soujanya,
Assistant Professor

Editorial Board

Members (Students)

Mr. S Jeevan Sai Kumar
Ms.C.Sai keerthi
Ms.N.Neeraja
Mr.M.Arunachalam



Seminars/Webinars attended by the faculty:

S. No.	Event Date	Event Type	Event Details	No. of Attendees	Participants
1.	17.02.2023	Webinar	Art of writing Successful research proposal & to Identify Funding agencies, by MCET	6	Mrs. M Mary Soujanya Mrs. Deva Samyuktha Mr.Md Shahed Ali Mr.P Srikanth Mrs.Shaista begum Mr.R Srikanth
2.	04.03.2023	Webinar	Modern Assessment tools for Di- Risking of Project Cost by Ultratech Cements Ltd.	1	Mrs. M Mary Soujanya
3.	12.03.2022	Webinar	NEP-2020 Implementation Plan: Integrated Higher Education System	1	Ms. M.Madhuri
4.	18.03.2023	Webinar	Sustainable Construction Materials: Towards Net Zero Carbon by Ultratech Cements Ltd.	1	Mrs. M Mary Soujanya
5	25.03.2023	Webinar	Expansion Joints and Bearings of Bridges by Ultratech Cements Ltd.	1	Mrs. M Mary Soujanya

International Journal Papers

1. Abhijeet Satapathy, **Bandita Naik**, Noopur Awasthi, Vijay Kaushika, "Estimation of Surface Runoff Using SWAT Model and ArcGIS Approach", International Journal of Condition Monitoring and Diagnostic Engineering, Vol 26 No 2 (2023), ISSN: 1363-7681.

Books published by the faculty:

1. Dr Bandita Naik, Dr Sudhakar Singha, Dr Soumya S Singha, "Water Resources", National Press, ISBN: 9798887339337
2. Dr Soumya S Singha, Dr Sudhakar Singha, Dr Bandita Naik, "A Text Book of Environmental Sciences", SIP Publisher, 978-93-5625-397-1.

Faculty Development Program and Professional Courses (FDP status) Attended

S. No	Faculty name	Event date		Event type	Event details
		From	To		
1.	Ms.M. Madhuri	04-03-2023	04-03-2023	Online Faculty Development Programme (FDP)	ICT tools for digital learning, students' engagement and industry connect" organized by methodist college of engineering and technology in association with ULEKTZ academic council
2.	Mrs.M Mary Soujanya	09-03-2023	10-03-2023	FDP	Capacity building by MCET
3.	Mrs.S. Deva Samyuktha	09-03-2023	10-03-2023	FDP	Capacity building by MCET
4.	Mrs.Shaista begum	09-03-2023	10-03-2023	FDP	Capacity building by MCET
5.	Mr.Md Shahed Ali	09-03-2023	10-03-2023	FDP	Capacity building
6.	Ms.M. Madhuri	10-03-2023	16-03-2023	FDP	Active and collaborative learning organized by NITTTR Chennai
7.	Ms.M. Madhuri	20-03-2023	25-03-2023	FDP	Recent trends in civil engineering organized by department of civil engineering JBIET