



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



Estd : 2008 Accredited by NAAC with A+ and NBA
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 2022

Editorial Board:

Chief:

Dr. Akshay S.K Naidu,
Professor & Head, CED,
MCET

Editorial Board

Members (Faculty):

Mr. R. Srikanth,
Assistant Professor

Mrs. M. Mary Soujanya,

Assistant Professor

Editorial Board

Members (Students)

Mr. M Uday Kumar
Mr. M Anil Kumar
Ms. K.Mounika
Mr Akash Varma

In Focus

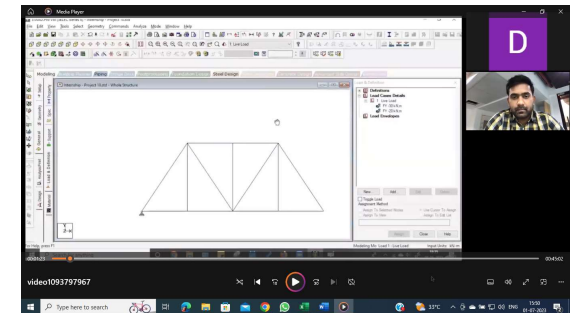
Career Opportunities in Civil Engineering

A Webinar on “Career Opportunities in Civil Engineering (Skill Dzure)”

Speaker: Mr. M. Srikanth, CEO Skill Dzure Academy

Duration: 1 day

No. of Participants: 72 (Students of VI Sem)



An industrial visit to Rural Technological Park, NIRD&PR



Workshops Attended by Faculty:

S. No.	Event Date		Event Type	Event Details	No. of Attendees	Participants
	From	To				
1.	5.01.2022	6.01.2022	National Level Workshop	NIRF INDIA RANKINGS - 2022 For Higher Educational Institutions by HEI (Online)	1	Dr. Bandita Naik
2.	21.03.2022	22.03.2022	National Level Workshop	Curriculum Framework 2022 for Universities, Engineering Colleges and Degree Colleges by HEI (Online)	2	Dr. Akshay S. K. Naidu, Dr. Bandita Naik

Books published by the faculty:

- M. Sahu, S.T. Biswal, B. Naik “Loss Coefficient of Expansion in Diverging Channel River Hydraulics”, pp 405-417 Part of the Water Science and Technology Library book series (WSTL, volume 110).
- Swagatika Biswal, Bandita Naik, K.K. Khatua, “Rainfall- Runoff Studies of Brahmani River Basin using ANN”, pp 411-421 Part of the Water Science and Technology Library book series (WSTL, Volume 109).

International/National Conference Papers:

- Dr. B.L.P. Swami, S. Vijaya Kumar, B. Dean Kumar “Experimental study on the influence of the presence of mineral admixtures and steel fiber on the elastic properties of self-compacting concrete”, International conference on Advances in Sustainability of materials and Environment (IWCASME 20, Organized by St. Xavier’s Catholic College of Engineering Chunkankadai, Nagercoil, Kanyakumari.
- Mr. Shaik Mohammad Imran, Dr. T. Reshma “Assessment of vertical accuracy of various Open-Source Digital Elevation Models over prakasam district (India)”, 9Th Civil Engineering conference in the Asian Region 2022.
- Mr. Shaik Mohammad Imran, Dr. T. Reshma “Enhancing vertical modes using Image Blending”, International Conference on Recent Advances in Water Resources, Environment and Geomatics Engineering, 2022 Organized by NIT Raipur.

Seminars/Webinars attended by the faculty:

S. No.	Event Date	Event Type	Event Details	No. of Attendees	Participants
1.	26.03.2022	Webinar	Prefabricated Volumetric Modular Construction by Ultra Tech	1	Mrs. S. Deva Samyuktha
2.	11.03.2022	Webinar	How to publish in academic journals	1	Mr. Shahed Ali
3.	12.03.2022	Webinar	Role of Admixtures in Modern Concrete Construction by Ultra Tech	1	Mrs. S. Deva Samyuktha

Faculty Participation in Online Short-term training programs (STTPs) attended by the faculty:

S. No.	Event Date		Event Type	Event Details	No. of Attendees	Participants
	From	To				
1.	20.01.2022	18.02.2022	Certificate Programmes	Data science and analytics by Pantech e learning Pvt. Ltd, Chennai	1	Mr. Shahed Ali

Faculty Development Program and Professional Courses attended by the faculty:

S. No.	Event Date		Event Type	Event Details	No. of Attendees	Participants
	From	To				
1.	21.02.2022	2.03.2022	Online Faculty Development Programme (FDP)	Facilitating Digital Transformation in Design, Construction and Management Process of Civil Engineering	1	Mr. Shahed Ali