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

Accredited by NAAC with A+ and NBA
Estd : 2008 Affliated 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
June 2023

In Focus

Career Opportunities in Civil Engineering

A Seminar **"BIM modeling, Architecture, structure, Revit Family, and Scan to BIM services deliver many benefits to Architects, Construction Contractors & Managers, Structural & MEP Engineers".**
Date: 19/04/2023
Location of Event: Block-E MCET
Number of Students Attended: 67

GRAVITY DAMS & SPILL WAYS SEMINAR

Speaker Details: Mr. Pavan
Date: 23/06/2023
Time of Event: 11:00 a.m. to 12:30 p.m.
Number of Students Attended: 67
Sponsoring Organization: ACE academy

On June 23 rd 2023, Department of Civil Engg, MCET has conducted a seminar on "Gravity Dams & Spillways" for B.E 3 rd year students in association with ACE Academy. The Keynote of the Speaker has provided awareness about "Gravity Dams & Spillways" its importance and how it is related to the civil Engineering subject. After the Seminar, the students had an interaction Session with the speaker and shared their suggestions and views with the speaker.

Books published by the faculty:

"Smart System to identify the groundwater contamination from water bodies and a mechanism to purify it" Application No: 202241061829A, Published on: 07-04-2023, Journal No: 14/2023 Name of Applicant: **Dr. Bandita Naik**

Seminars/Webinars attended by the faculty:

S.No.	Event Date	Event Type	Event Details	No. of Attendees	Participants
1.	15.04.2023	Webinar	High Strength Fiber Reinforced Concrete – Its Behavior & Applications	1	Mrs.S. Deva Samyuktha
2.	23.04.2023	Webinar	Building Products for Building Solutions	1	Mrs.S. Deva Samyuktha
3.	17.06.2023	Webinar	Seismic Retrofitting of Reinforced Concrete Buildings, by Ultratech Cements Ltd	2	Mrs. M Mary Soujanya , Mrs.S. Deva Samyuktha
4.	24.06.2023	Webinar	Assessment & Upgradation of Deteriorating Reinforced Concrete Structures: A Researcher's View, by Ultratech Cements Ltd.	2	Mrs. M Mary Soujanya, Mrs.S. Deva Samyuktha

Faculty Development Program and Professional Courses Attended

S. No	Faculty name	Event date		Event type	Event details
		From	To		
1.	Mrs.Shaista begum	08-06-2023	09-06-2023	Online Faculty Development Program (FDP)	Advancements in materials & structural engineering research
2.	Mr.Md Shahed Ali	08-06-2023	09-06-2023	FDP	Advancements in materials and structural engineering research (AMSER)-2023