



METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE New Delhi | Affiliated to Osmania University, Hyderabad

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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 2020

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)

Ms. Madina Sundus
Mr. G Sree Charith
Mr. M Uday Kumar
Mr. M Anil Kumar
Ms. K.Mounika

In focus: Coronavirus disease 2019 (COVID-19) is defined as illness caused by a novel coronavirus called severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2; formerly called 2019-nCoV), which was first identified amid an outbreak of respiratory illness cases in Wuhan City, Hubei Province, China. It was initially reported to the World Health Organization (WHO) on December 31, 2019. On January 30, 2020, the WHO declared the COVID-19 outbreak a global health emergency. On March 11, 2020, the WHO declared COVID-19 a global pandemic, its first such designation since declaring H1N1 influenza a pandemic in 2009. India has been sent into complete strict lockdown from March 22nd 2020.



STAY HOME STAY SAFE

To prevent and slow down transmission is to be well informed about the COVID-19 virus, the disease it causes and how it spreads. Protect yourself and others from infection by washing your hands or using an alcohol-based rub frequently and not touching your face.

The COVID-19 virus spreads primarily through droplets of saliva or discharge from the nose when an infected person coughs or sneezes, so it's important that you also practice respiratory etiquette.



On 28th January 2020, as a part of IGBC Student Chapter, MCET, a webinar has been organized by the Department of Civil Engineering. This program is organized as a part of the 2nd Edition of Harit-Prem Bharat Mahotsav, titled - “Sustainability as a Table Stake for Students”.



4th March 20: Faculty with 2nd year and 4th year students Participated at IEI Hyderabad on one day Workshop on World Engineering Day for Sustainable Development.



On 6th March 2020, a Guest lecture was delivered by Dr. G. Rameshwara Rao, FIE, Chairman IEI TSC and Dr. S M Ali Senior FIE, Director IEI Kolkata.

On 7th March 2020, Mr. D. Bharath Naik and R. Srikanth participated in one day National Conference on Modern Materials and Methodology for Preventive Maintenance, Water Proofing and Repair of Concrete Structure at Hotel Best Western Ashoka, Hyderabad.



Faculty Publications

1. Dharmiki Anusha Deevi, Akshay S. K. Naidu & B. D. V. Chandra Mohan Rao (2020), “Optimal PZT transducer location for effective damage identification in thin fixed plate,” Advances in Materials and Processing Technologies, Taylor and Francis Journal, ISSN: 2374-068X (Print) 2374-0698 (Peer Reviewed - Scopus Indexed Journal) DOI: 10.1080/2374068X.2020.1732157
2. Shaista Begum and P.Kranti (2020), “Study on mechanical properties of binary and ternary blended recycled aggregate concrete,” International Journal of Recent Technology and Engineering, ISSN: 2277-3878, Volume-X, Issue-X.
3. C. Chandana Priya, Dr. M. V. Seshagiri Rao “Strength Appraisal of High-volume fly ash SCC”, Gokaraju Rangaraju Institute of Engineering & Technology, 28 and 29 Feb 2020.

On 10th February 2020, Mr. D. Bharath Naik and R. Srikanth along with final year students participated in one day seminar on IS Code on Design of Tall Buildings with a special focus on Soil Structure Interaction (SSI) organized by CE Dept. NIT Warangal.



Student Achievements

Mr. G. Charith Reddy (160717732004), has participated in the Tennis Tournament – Arena 2020, organized by BITS Pilani, Hyderabad during 23rd – 26th January 2020.

