



## METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY

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

Estd : 2008 Address : King Koti Road, Abids, Hyderabad, Telangana, 500001 | Email : principal@methodist.edu.in

### 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  
September 2019

### Editorial Board:

#### Chief:

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

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Assistant Professor

Mrs. M. Mary Soujanya,  
Assistant Professor

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#### Members (Students)

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Mr. G Sree Charith  
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Mr. M Anil Kumar  
Ms. K. Mounika

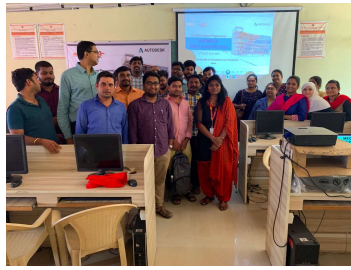
**In Focus: Sir Mokshagondam Visweswarayya**, popularly known as **Sir MV**, was an Indian civil engineer and statesman and the 19th Diwan of Mysore, who served from 1912 to 1919. He received India's highest honor, Bharat Ratna, in 1955. He was knighted as a Knight Commander of the British Indian Empire (KCIE) by King George V for his contributions to public good. 15<sup>th</sup> September is celebrated as Engineer's Day in India, Sri Lanka and Tanzania in his memory. He is held in high regard as a pre-eminent Engineer of India.



**Event:** One day seminar on 'Career Opportunities for fresh Civil Engineering Graduates' was organized and conducted by Department of Civil Engineering, MCET on 18th September 2019. The seminar was conducted as an occasion of Engineer's day as honor of remembrance of Sir Mokshagundam Visveshvaraya. This seminar is being organized to provide a unique opportunity to students to be updated with career opportunities that await a fresh civil engineering graduate.



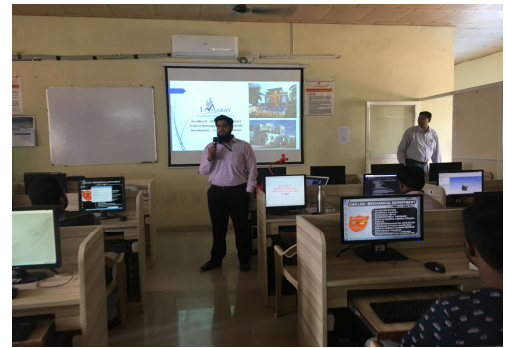
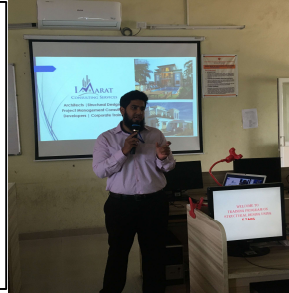
On 17<sup>th</sup>-21<sup>st</sup> June 2019 department has organized a 5 days Faculty Development Programme on Revit Architecture in Association with ICT Academy.



During 25<sup>th</sup> - 27<sup>th</sup> Sep 2019, Faculty with 3rd year students participated in Indian Green Building Congress 2019, conducted at HICC – Novotel Hotel Hyderabad (Three-day Workshop cum Exhibition).



During 27<sup>th</sup> Sept – 3<sup>rd</sup> Oct 2019 a 5-day value added Training course was organized for students on “Analysis and Design with ETABS” under MoU with IMARAT Consulting services.



On 4<sup>th</sup> July 2019: 27 faculty members of Methodist College of Engineering and Technology (MCET) visited (4 faculty from CE department) to Research Centre Imarat (RCI) for the research exposure available. This visit was conducted by the Civil Engineering Department.



## Design and Analysis Software's

Model Tool usage have been much importance in the ever-growing field of technology. **ETABS** is an engineering software product that caters to multi-story building analysis and design. Modeling tools and templates, code-based load prescriptions, analysis methods and solution techniques, all coordinate with the grid-like geometry unique to this class of structure. **ETABS** software is embedded with CAD-like drawing tools with an object-based interface and grid representation. **ETABS** software is used for the analysis of concrete shear walls and concrete moment frames. It is highly acclaimed for static and dynamic analysis of multi-storey frame and shear wall buildings.

On 4<sup>th</sup> June, 2019 - Dr. Bandita Naik & R Srikanth Participated on one day Seminar on “Water Solutions for Smart Governance” at The Institute of Engineers India, Telangana State Centre in association with Theama Technologies, Hyderabad.

On 31<sup>st</sup> July 2019, Dr. Bandita Naik, have attended 1 day professional course program organized by TASK, on “Industry Perspectives in Civil Engineering”, and is awarded with Certificate.

**Student Development Program:** Extensive training on Soft skills, Group discussions, Reasoning and Aptitude abilities was organized by Methodist College of Engineering & Technology, through various agencies for BE 3<sup>rd</sup> year-1<sup>st</sup> Sem students during 28<sup>th</sup> September 2019.

## Student Achievements

**Mr. Syed Bilal Siddiq** (160717732001), has won Silver Medal, in MUAYTHAI Hyderabad championship, on 15th September, 2019.



**Mr. G. Charith Reddy** (160717732004), is awarded with Certificate of Excellence, in the Green Revolution – against climate change organized in August 2019.



**Mr. H. Haridas Shivaprasad** (160715732088), passed out student of 2015-2019 batch, secured University 4<sup>th</sup> Rank in the overall ranking of 4year performance in the Osmania University examinations.

