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

DEPARTMENT OF CIVIL ENGINEERING

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Seminar on 'Orientation on Placement'

Speaker: Mr. Sandeep, Manager, NICMAR

Date: 15 April 2025

Number of Students attended: 22

A seminar on "Orientation on Placement" was organized with the objective of preparing students for campus recruitment and enhancing their employability skills. The session was designed to familiarize students with the overall placement process and the expectations of recruiters in the civil engineering and allied sectors.

The speaker provided a detailed overview of placement procedures, including eligibility criteria, registration process, aptitude tests, technical interviews, and HR rounds. Guidance was given on resume preparation, effective communication skills, and professional etiquette required during interviews. Students were also advised on how to approach group discussions and present themselves confidently before recruiters. An interactive discussion followed the presentation, where students had the opportunity to clarify their doubts regarding placements, career options, and higher studies. Overall, the seminar proved to be highly informative and motivating, equipping students with essential insights and confidence to face placement challenges successfully.



From theory to site: The civil engineer role in quality construction

Speaker: Mr. P. Gowrisankar, Deputy Manager, quality department, Auro reality Private Limited, Hyderabad

In collaboration with: IIIC and Professional Societies of Civil Department.

Date: 28 April 2025

Number of Students attended: 25

An expert lecture titled “From Theory to Site: The Civil Engineer’s Role in Quality Construction” was conducted to highlight the importance of translating theoretical knowledge into effective on-site practices. The session was aimed at sensitizing students to the critical responsibilities civil engineers hold in ensuring quality, safety, and durability in construction projects. The resource person discussed the gap that often exists between design concepts taught in classrooms and their actual implementation at construction sites. Emphasis was placed on quality control procedures, material testing, adherence to codes and standards, and the significance of proper supervision at every stage of construction. Real-life case studies were shared to illustrate common challenges faced on site and practical solutions adopted by experienced engineers.



Student Training Program on “Advanced Revit and Navisworks”

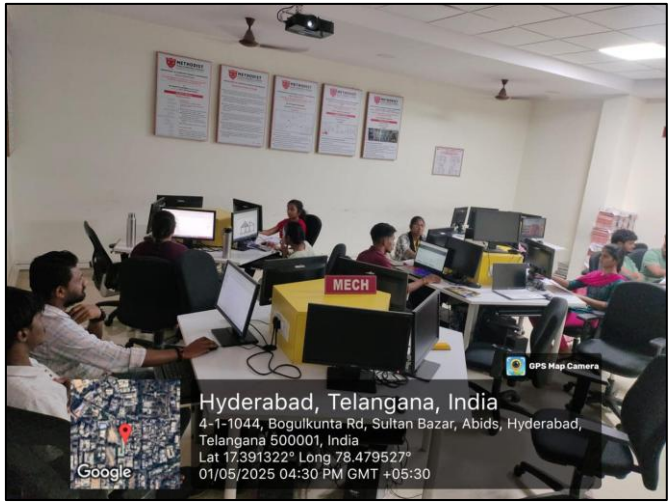
Trainer: VDEI

Date: 07/04/2025 – 03/05/2025

Number of Students attended: 32

A student training program on “Advanced Revit and Navisworks” was organized to provide students with in-depth exposure to advanced Building Information Modeling (BIM) tools widely used in the construction industry. The program focused on strengthening students’ technical competence in integrated project modeling and coordination.

The training sessions covered advanced Revit features such as complex modeling, family creation, detailed documentation, and quantity take-offs. Navisworks was introduced as a powerful tool for project review, clash detection, and construction sequencing. Students learned how to integrate models from different disciplines and identify potential conflicts before execution at the site level.



Two-Day Workshop on "Fundamentals of Artificial Intelligence"

Organised by: IBM Skill Build and Magic Bus India Foundation

Date: 10/04/2025 – 11/04/2025

Number of Students attended: 22

A two-day workshop on "Fundamentals of Artificial Intelligence" was organized to introduce students to the core concepts and applications of AI in modern engineering and technology-driven fields. The workshop aimed to build foundational knowledge and spark interest in emerging digital technologies.

The sessions covered key topics such as the basics of artificial intelligence, machine learning, data-driven decision-making, and real-world applications of AI across various domains. Concepts were explained in a simplified manner, making them accessible to students from diverse academic backgrounds. Practical demonstrations helped participants understand how AI systems learn, analyze data, and support problem-solving.



Student Training Program on "Revit Architecture"

Trainer: VDEI

Date: 05/05/2025 – 17/05/2025

Number of Students attended: 32

A student training program on "Revit Architecture" was conducted from 5th May to 17th May 2025 to enhance students' practical skills in Building Information Modeling (BIM). The program was designed to familiarize participants with industry-relevant tools used in architectural planning and construction documentation.

During the training, students gained hands-on experience in creating building models, floor plans, elevations, sections, and 3D views using Revit Architecture. The sessions covered essential concepts such as parametric modeling, component libraries, annotation, scheduling, and rendering techniques. Emphasis was placed on understanding workflow efficiency and coordination in building design.

The program also highlighted the application of Revit in real-time project visualization, error reduction, and improved collaboration among design and construction teams. Through guided exercises and practical assignments, students were able to develop confidence in using BIM-based tools.

This training program supported students in strengthening their digital design capabilities and preparing them for modern construction practices and professional requirements in the civil and architectural engineering fields.

MoU Signing for Centre of Excellence in BIM

On 7th April 2025, Methodist College of Engineering & Technology (MCET) marked a significant milestone by signing a Memorandum of Understanding (MoU) with Virtual Design Engineering Institutions (VDEI) to establish a Centre of Excellence (CoE) for Building Information Modeling (BIM) on campus. This collaboration reflects MCET's commitment to strengthening industry–academia linkages and equipping students with future-ready skills.

The Centre of Excellence aims to provide advanced training in BIM-related tools and workflows, enabling students to gain hands-on experience in digital design, coordination, and construction management practices. Through this partnership, students will have access to expert-led training programs, industry-oriented curriculum support, and exposure to real-world project methodologies.

The initiative is expected to enhance students' technical competencies, improve employability, and align academic learning with evolving industry standards. The establishment of the BIM Centre of Excellence represents a forward-looking step toward promoting innovation, digital transformation, and professional excellence in civil engineering education at MCET.



Inauguration of IEI Student Chapter

The Inauguration Ceremony of the IEI Student Chapter and a Seminar was conducted on 23rd June 2025 at MCET, addressed by Mr. D. Bharath Naik. The program marked the formal launch of the IEI Student Chapter, aiming to promote professional growth, technical awareness, and industry interaction among students. During the seminar, the speaker shared valuable insights on engineering practices, professional ethics, and the importance of institutional bodies like IEI in shaping engineering careers. II- and III-year students actively participated, making the session informative and motivating.



Faculty Participation in Seminars, Workshops, and FDPs

Date	Event type	Event Details	Faculty Name
09/04/2025	Webinar	Certified Peer Reviewer Course	Mr R Srikanth
24/04/2025 to 01/05/2025	Training program	NEP 2020 Orientation & Sensitization Programme	Mr D Bharath Naik
09/05/2025 and 10/05/2025	Conference	Two Days International Conference on " Next Generation Infrastructure: Green Technologies, Smart Cities and Sustainable Energy Solutions" IC-NGI-GSS-2025	Ms. M. Madhuri
20/06/2025 and 21/06/2025	Conference	International Conference on “Continuity,	Ms. M. Madhuri

- A research paper titled “E-Waste Management Practices in India: A Case Study-Based Analysis” by Ms. M. Madhuri was presented at the Two-Day International Conference on “Next Generation Infrastructure: Green Technologies, Smart Cities and Sustainable Energy Solutions” (IC-NGI-GSS-2025). The conference was held on 9th and 10th May 2025 at K.D.K. College of Engineering, Nagpur, India.
- A research paper titled “Effect of Base Isolation on Dynamic Response of RC Irregular Structures” by M. Madhuri was presented at the International Conference on “Continuity, Consistency and Innovation in Applied Sciences and Humanities (ICCIASH-2025)”. The conference was held on 20th and 21st June 2025 at St. Martin’s Engineering College, Dhuapally, Secunderabad, Telangana, India.
- We are proud to announce that a patent titled “IoT-Based Concrete Curing Device” was granted on 21 February 2025 to Dr. Bandita Naik, Mrs. Shaista Begum, Mr. D. Bharath Naik, Mrs. M. Mary Soujanya, Mrs. S. Deva Samyuktha, Ms. Maddela Madhuri, Mr. Srikanth Patangae, Mr. Shaik Mohammad Imran, Mrs. Azmeera Anitha Kumari, and Dr. Jarapala Ramesh Babu**.** This innovative device integrates IoT technology to monitor and optimize concrete curing conditions, enhancing strength, durability, and construction efficiency. The achievement highlights the department’s strong research culture, collaborative efforts, and commitment to developing smart, sustainable solutions for the construction industry.
- We are delighted to share that a Design Patent titled “IoT-Based Air Quality Monitoring Device” has been successfully registered, with the application dated 21 February 2025 and publication granted on 05 June 2025. The patent was awarded to Dr. Bandita Naik, Mrs. Shaista Begum, Mr. Dhanavath Bharath Naik, Mrs. M. Mary Soujanya, Mrs. S. Deva Samyuktha, Ms. Maddela Madhuri, Mr. Srikanth Patangae, and Mr. Shaik Mohammad Imran. This achievement reflects the team’s strong commitment to innovation and their contribution towards smart technologies for environmental monitoring and sustainable development.
- A Centre of Excellence in Virtual Design Engineering was established on 07 April 2025 to promote excellence in Training, Research, and Technology. The Centre will be operational until 07 April 2028, serving as a platform to enhance advanced technical skills, innovation, and industry-oriented learning among students and faculty.

Student participations and achievements

11–12 April 2025

Sohan Kumar Byndla (I Semester) won the Gold Medal in Boxing at the 7th Youth Under-19 Men & Women State Selections held at Prof. Jayashanker Municipal Stadium, Secunderabad.

21–27 April 2025

Sohan Kumar Byndla (I Semester) represented the state in Boxing at the 7th Youth Under-19 Men & Women Boxing Championship conducted at Greater Noida, Uttar Pradesh.

04–15 May 2025

Sohan Kumar Byndla (I Semester) participated in the prestigious Khelo India Youth Games (U-18), 2025 held in Bihar, gaining valuable national-level exposure.

24–26 May 2025

Sohan Kumar Byndla (I Semester) secured the Gold Medal in Boxing at the 1st Tyson Cup State Boxing Championship 2025 held at Mancherial, Telangana.

Internship Programs

- A two-week Summer Internship on BIM–Revit Software was conducted from 05 May to 16 May 2025 at VDEI, benefiting 30 students with hands-on training in virtual design and modeling.
- A three-month internship for final-year students was organized at L&T Constructions from 03 February to 03 May 2025**,** with 6 students gaining practical exposure to industry-scale construction practices.
- Another three-month internship program for final-year students was conducted at NAC during 03 February to 03 May 2025**,** in which 30 students participated and acquired valuable industry-oriented experience.
- A three-month internship for final-year students was also completed at S.R. Civil Academy from 03 February to 03 May 2025, with 11 students receiving professional training and skill development.

Programs conducted with NSS on Social Responsibility Initiatives

The Civil Department students actively participated in an Oral Cancer Awareness session held on 28th April 2025, demonstrating their commitment to community health and social responsibility. Their engagement with 137 participants highlighted their enthusiasm in spreading crucial health awareness and contributing to preventive healthcare initiatives in the community.

Parent Teacher Meeting

A Parent–Faculty Interaction was held on 15 April 2025 at the E-Block, Ground Floor to update parents on students' academic performance and attendance. Faculty members provided guidance for improving results in the upcoming examinations, and parents assured their continued support for better academic outcomes.