METHODIST COLLEGE OF ENGINEERING & TECHNOLOGY
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CIVIL TIMES

DEPARTMENT OF CIVIL ENGINEERING

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Seminar on “Dream, Plan, Achieve: Career Insights for Students”

Speaker: Mr. P. Ramesh, ACE Engineering Academy

Date: 13 September 2024

Number of Students attended: 50

The seminar titled “Dream, Plan, achieve: Career Insights for Students” was conducted with the aim of guiding students in shaping clear and achievable career goals. The session focused on helping students understand the importance of self-assessment, structured planning, and consistent effort in building a successful professional journey. The speakers emphasized identifying individual strengths, interests, and long-term aspirations before choosing a career path. Practical guidance was provided on goal setting, time management, skill development, and adapting to changing industry requirements.

The seminar created an engaging environment that encouraged students to reflect on their ambitions and take purposeful steps toward achieving their career objectives.





A visit to the Environment Protection Training and Research Institute (EPTRI)

Address: EPTRI, Gachibowli, Hyderabad

Date: 27th September 2024

A visit to the Environment Protection Training and Research Institute (EPTRI) was organized on 27th September 2024 to provide students with practical exposure to environmental management and sustainability practices. The visit offered valuable insights into air and water quality monitoring, environmental impact assessment, and pollution control measures adopted by the institute. Experts at EPTRI explained ongoing research activities and demonstrated advanced laboratory facilities used for environmental analysis. Students gained a deeper understanding of environmental regulations and the role of technology in protecting natural resources. The visit successfully bridged the gap between theoretical knowledge and real-world environmental applications, inspiring students towards responsible and sustainable engineering practices.



Faculty Participation in Seminars, Workshops, and FDPs

Date	Event type	Event Details	Faculty Name
28 & 29 August 2024	Workshop	Discover, Unlock and Activate: Empowering employees for peak Performance	Dr. Bandita Naik, Mrs Shaista Begum, Mrs S Deva Samyuktha
23 to 28 September 2024	FDP	ATAL FDP on Sustainable Water and Waste Management	Mrs Shaista Begum, Mr Shaik Mohammed Imran, Mrs M Mary Soujanya, Mr P Srikanth, Ms Shiphali Preeti Aind, Ms J Divya
13 to 14 September 2024	Workshop	Indo-UK International Workshop on " Emerging Innovations in Sustainable Construction Materials (ESCM 2024)	Mrs M Mary Soujanya
2nd to 6th September 2024	FDP	Online FDP on 3D Printing in Construction Technology	Ms J Divya
30th July 2024	Seminar (as Guest Speaker)	Seminar on "Applications of Geoinformatics in Civil Engineering" conducted at ISL Engineering College	Shaik Mohammad Imran
13th -14th July 2024	Workshop	Business Intelligence Using Power BI	Shaik Mohammad Imran

Parent Teacher Meeting

A parent–teacher interaction meeting was conducted on 05 July 2024 for the mentees of E301 and E310. The meeting focused on discussing students' attendance, internal–i marks, and preparing parents for the upcoming external examinations.

A few parents attended the meeting physically, while others participated through phone calls. The interactions helped in keeping parents informed about their wards' academic performance and attendance, fostering better support for students' preparation and overall improvement.

Paper Publication by Faculty

- A research article titled **"Numerical Simulation of Flow Characteristics in Non-Prismatic Compound Channels"** by **Dr. Bandita Naik** was published in water practice & technology, volume 19, issue 7, pages 2532–2550, on 1 July 2024. The study presents a detailed numerical analysis of flow behaviour in complex channel geometries, providing insights into hydraulic performance, velocity distribution, and flow optimization. This publication underscores the department's commitment to advanced research in hydraulic engineering and water resources management.
- A research article titled **"Strength Evaluation of Clayey Sand Admixed with Wollastonite with a Special Reference to Construction of Geotextile Reinforced Subgrade"** by **D. Bharath Naik** was published in the Indian Journal of Science and Technology, Volume 17, Issue 28, pages 2924–2932**,** on 22 July 2024. The study investigates the improvement of subgrade strength using wollastonite admixture and geotextile reinforcement, providing valuable insights for sustainable and durable pavement construction. This publication highlights the department's contribution to innovative research in **geotechnical and civil engineering**.

Patents Published

- **Mr. Shaik Mohammad Imran** successfully published a patent titled **"IOT Based Sewer Clogging Prediction System for Smart City"** on 03 July 2024. The innovation leverages internet of things (IOT) technology to monitor and predict sewer blockages in urban infrastructure, aiming to enhance maintenance efficiency, reduce environmental hazards, and support the development of smart city solutions.
- **Dr. Bandita Naik** successfully published a patent titled **"IoT Based Sewer Clogging Prediction System for Smart City"** on 03 July 2024. The patent presents an innovative solution using Internet of Things (IoT) technology to monitor, predict, and prevent sewer blockages in urban infrastructure, contributing to efficient waste management, environmental protection, and the advancement of smart city initiatives.

Programs Conducted on Social Responsibility Initiatives

- The department, in collaboration with NSS, organized a program on "Role of NSS Volunteers in Road Safety and Women Safety Awareness" on 13 July 2024 at JNTU Hyderabad**.** Four NSS volunteers actively participated in the initiative, promoting awareness about traffic safety norms, responsible behaviour on roads, and measures to ensure women's safety. The program emphasized the role of students as proactive community members in fostering a safe and responsible society.
- The department organized a Health Camp on 17 September 2023 at Seminar Hall, D Block, MCET**.** The camp aimed to promote health

awareness among students and staff, providing guidance on preventive healthcare, routine check-ups, and maintaining a healthy lifestyle. The initiative encouraged participants to adopt wellness practices and prioritize physical and mental well-being.

Cultural Activities

The department actively participated in college-level celebrations during the year 2024.

The Independence Day was celebrated on 15 August 2024 at Methodist College of Engineering and Technology, fostering a sense of patriotism and unity among students and staff through cultural and ceremonial activities.

The Janmashtami Celebrations were held on 24 August 2024 at the college, marking the festive spirit with traditional rituals, cultural performances, and student participation, promoting cultural awareness and community engagement within the campus.

Teachers' Day was celebrated on 5 September 2024 at Methodist College of Engineering and Technology, honouring the dedication and contributions of faculty members in shaping students' academic and personal growth.

Engineers' Day was observed on 15 September 2024 at the college, recognizing the achievements of engineers and inspiring students to excel in innovation, problem-solving, and technical excellence.

Parent-Teacher Meeting

A Parent–Teacher Interaction was held on 13 September 2024 at E Block, Ground Floor to discuss students' attendance and the upcoming internal examinations. Parents were informed about their wards' academic progress and were encouraged to provide continued support and supervision at home. During the meeting, parents assured their cooperation in ensuring regular attendance and active participation in academic activities.