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A Report on Industrial Visit to "JSE Engineering Private Limited, Chennai" Organized by Department of Mechanical Engineering On 19.11.2026



Report Submitted by: Dr. J. Thrinadh, Assistant Professor, Department of Mechanical Engineering.
Facilitated by: Industry Relations Department, MITS Deemed to be University, Madanapalle
Mode of Conduct: Offline
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Industry Visited	JSE Engineering Private Limited, Chennai
Date	17 November 2026
Number of Students	25 (IVth Year-Mechanical) & 21 (IVth Year-Civil)
Number of Faculty Members	3
Faculty Coordinators	Dr. J. Thrinadh, Dr. K. Imran and Mrs. V. Anusha

Purpose of the Visit:

The Department of Mechanical Engineering and Civil Engineering, MITS Deemed to be University, Madanapalle, organized an industrial visit to JSE Engineering Private Limited, Chennai, on 17th November 2026 for final-year B.Tech students. The visit was facilitated by the Industry Relations Department.

A total of 46 students, comprising 25 Mechanical Engineering students and 21 Civil Engineering students, participated in the visit along with faculty members from the respective departments.

The primary objective of the visit was to provide students with practical exposure to industrial technologies, understand real-world engineering practices, bridge the gap between theoretical knowledge and industrial applications, and create awareness about emerging technologies, internship opportunities, and career prospects.

Technical Interaction and Industry Exposure

During the visit, Ms. Sara Thomas, Marketing Head, JSE Engineering Private Limited, interacted with the students and provided an overview of the company's activities and engineering services. She delivered an informative session on 3D Printing Technology, planning and execution of Electric Vehicles (EVs), and emerging engineering technologies.

She highlighted the importance of innovative product design, technological advancements, and the practical implementation of engineering concepts in industrial applications. The session helped students understand the growing role of advanced manufacturing technologies and their applications across different engineering disciplines.

Interaction on MEP Sector and Career Opportunities

Ms. Radha Lekshmi, Senior HR, JSE Engineering Pvt. Ltd., Chennai, interacted with the students and shared valuable insights into the Mechanical, Electrical, and Plumbing (MEP) sector and its relevance to Mechanical and Civil Engineering graduates. She explained the career opportunities available in the MEP industry, particularly in mechanical systems, electrical installations, plumbing services, building automation, and related engineering applications.

She also highlighted the internship opportunities available at JSE Engineering Pvt. Ltd., emphasizing the importance of practical training and industry exposure in developing technical and professional competencies. She discussed potential employment prospects after successful internship completion and encouraged students to utilize these opportunities to enhance their skills and employability.

Interaction on International Engineering Projects

Further, Mr. Godson, HR, JSE Engineering Pvt. Ltd., Chennai, interacted with the students and provided valuable insights into the company's involvement in executing engineering projects across Middle Eastern countries, particularly Dubai (UAE), Qatar, and Saudi Arabia.

He explained the scope of international engineering projects, project management practices, and the technical competencies required for successful project execution. His interaction helped students understand the global opportunities available in engineering sectors and the importance of technical knowledge, teamwork, communication, and professional skills.

Interaction with Company Employees and Experience Sharing

During the industrial visit, students also had the opportunity to interact with various employees of JSE Engineering Private Limited. The employees shared their professional experiences, practical challenges encountered in their respective fields, and insights into working in an industrial environment. They explained how theoretical engineering concepts are applied in real-time projects and highlighted the importance of technical expertise, problem-solving abilities, teamwork, communication, and continuous learning. This interaction provided students with valuable first-hand knowledge of industry expectations, workplace practices, and career development opportunities in engineering.

Overall Outcome of the Visit

The industrial visit provided valuable practical exposure to final-year Mechanical and Civil Engineering students and enhanced their understanding of current industrial practices and emerging technologies.

The major outcomes of the visit were:

- Gained awareness of 3D Printing Technology, Electric Vehicles, and emerging engineering applications.
- Understood the scope and career opportunities in the Mechanical, Electrical, and Plumbing (MEP) sector.
- Developed awareness of internship opportunities and potential employment prospects at JSE Engineering Pvt. Ltd.
- Gained insights into international engineering projects and employment opportunities in Middle Eastern countries.
- Interacted with company employees and learned from their professional experiences, practical challenges, and industry perspectives.
- Understood the importance of practical skills, innovative thinking, teamwork, and industry-oriented technical knowledge.
- Strengthened the connection between academic learning and real-world industrial requirements.

Acknowledgement and Gratitude

The Department of Mechanical Engineering and the Department of Civil Engineering express their sincere gratitude to the management and personnel of JSE Engineering Private Limited, Chennai, for providing the opportunity to visit their facility and for sharing valuable insights into various engineering technologies, industrial practices, MEP services, 3D Printing Technology, Electric Vehicles, and international engineering projects. The departments also sincerely appreciate the company representatives and employees for their informative sessions and for sharing their professional experiences with the students.

The departments gratefully acknowledge the support and encouragement extended by the Hon'ble Chancellor, Vice-Chancellor, Registrar, Principal, Heads of the Departments of Mechanical Engineering and Civil Engineering, faculty coordinators, Industry Relations Department, and the management of MITS Deemed to be University, Madanapalle, for facilitating the successful organization of the industrial visit. The active participation, cooperation, and enthusiasm of all the students are also sincerely appreciated.