MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
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A Report on Industrial Visit to "Software Technology Park of India (STPI) COE-EA Jayanagar, Bangalore" Organized by Department of Computer Applications on 23.10.2026



Report Submitted by: Mr. R. Mallikarjuna, Assistant Professor, Department of Computer Applications
Total No. of Participants: 46 Students
Mode of Conduct: Offline
Faculties Accompanied: Dr. K Prathap Chandran, Dr A Kalaivani, Mr. R Mallikarjuna from the Department of Computer Applications
Report Received on 26.10.2026

Introduction:

The Department of Computer Applications, MITS Deemed to be University, Madanapalle, organized an Industrial Visit to the Software Technology Parks of India (STPI), Centre of Excellence for Efficiency Augmentation (CoE-EA), Bengaluru, on 23 October 2026.

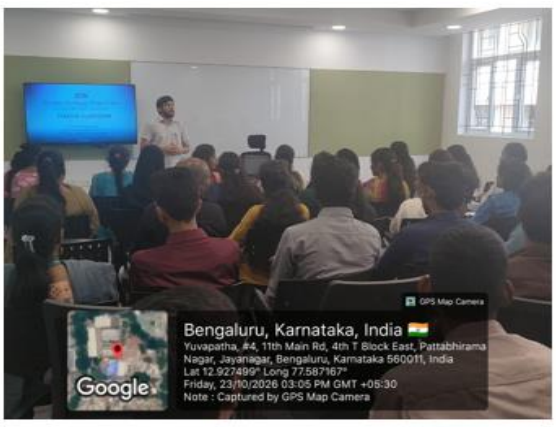
The visit was organized to provide students with practical exposure to emerging technologies, industry-oriented innovation, and the application of computer science concepts in real-world scenarios. It also aimed to bridge the gap between theoretical knowledge acquired in the classroom and practical applications in the technology industry.

Objectives of the Visit:

The major objectives of the Industrial Visit were:

- To familiarize students with the activities and technological initiatives of STPI CoE-EA.
- To understand the applications of emerging technologies in industrial and business environments.
- To gain insights into Artificial Intelligence, Machine Learning, the Internet of Things (IoT), Big Data, and Industry 4.0.
- To create awareness about technology-based startups, innovation, and entrepreneurship.
- To help students understand industry expectations and potential career opportunities in the technology sector.
- To encourage students to explore innovative projects and industry-relevant technical skills.

Activities During the Industrial Visit:





Introduction to STPI CoE-EA

During the visit, Mr. Rohan addressed the students and provided an overview of Software Technology Parks of India (STPI). He explained the objectives and functions of STPI and highlighted its role in supporting the growth of the IT sector and promoting technological innovation in India.

The introductory session helped students understand the significance of technology-focused institutions in the development of the country's technology ecosystem. It also provided context for understanding the purpose of Centres of Excellence and their relevance to technology development.

The session emphasized the importance of practical knowledge, innovation, and technology-oriented learning for students pursuing computer applications.

The interaction enabled students to gain a better understanding of the relationship between academic education and the broader technology industry.

Technical Session

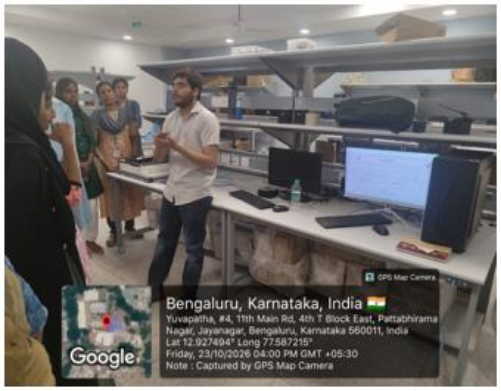
The technical session conducted by Mr. Rohan covered the following key points:

- **Innovation and Entrepreneurship:** He discussed the importance of innovation, creative thinking, and entrepreneurship in developing new ideas and addressing real-world challenges.
- **Startup Ecosystem:** He explained the role of the startup ecosystem in encouraging innovative ideas and supporting technology-oriented initiatives.
- **Technology-Based Solutions:** The session highlighted how technical knowledge, creativity, and problem-solving skills can contribute to developing innovative solutions.
- **Startup Opportunities:** Students gained insights into how innovative ideas can be explored and developed into potential business ventures.
- **Practical Skills and Continuous Learning:** He emphasized the importance of continuous learning, practical knowledge, and technical skill development for students pursuing careers in the technology sector.
- **Project Development and Innovation:** Students were encouraged to think beyond theoretical learning, explore innovative ideas, and develop technology-based projects.
- **Future Opportunities:** The session helped students understand the importance of strengthening their technical competencies and exploring opportunities in technology, innovation, and entrepreneurship.

Live Laboratory Demonstration

Following the technical session, students participated in live laboratory demonstrations. These demonstrations provided practical exposure to technological facilities and their applications. Students had the opportunity to observe the demonstrations in a professional environment and understand the importance of practical implementation. The experience helped them appreciate the relationship between theoretical concepts and real-world technological applications. The laboratory demonstrations also highlighted the significance of hands-on learning, observation, and experimentation in technical education.

This practical exposure encouraged students to explore technology-based projects and develop an interest in innovation and problem-solving.





Outcome of the Visit

The industrial visit to STPI CoE-EA, Bengaluru, provided students with valuable exposure to technological innovation, entrepreneurship, and practical applications of emerging technologies. The major outcomes of the visit are as follows:

- Students gained an understanding of the activities and technological initiatives of STPI CoE-EA.
- Acquired knowledge of the applications of emerging technologies in industrial and business environments.
- Gained awareness of Artificial Intelligence (AI), Machine Learning (ML), the Internet of Things (IoT), Big Data, and Industry 4.0 through technical discussions and laboratory demonstrations.
- Understood the role of technology-based startups in promoting innovation and entrepreneurship.
- Gained insights into industry expectations, required technical competencies, and potential career opportunities in the technology sector.
- Developed an interest in exploring innovative projects, acquiring industry-relevant technical skills, and applying academic knowledge to real-world problems.

Conclusion:

The industrial visit to STPI CoE-EA, Bengaluru, was a valuable learning experience for the students of the Department of Computer Applications, MITS Deemed to be University, Madanapalle. The technical session and live laboratory demonstrations provided insights into emerging technologies, innovation, entrepreneurship, and the startup ecosystem. The visit helped students understand the practical applications of technology and its role in solving real-world problems. Overall, the visit enhanced students' awareness of industry practices, technical competencies, and career opportunities, encouraging them to explore innovative ideas and develop industry-relevant skills.

Acknowledgement

We express our sincere gratitude to our Chancellor, Pro Chancellor, Vice Chancellor, Registrar, Principal, Vice Principal – Administration, Assistant Director – Industrial Relations, and Head of the Department of MCA for their valuable support, guidance, and encouragement in organizing the industrial visit to STPI CoE-EA, Bengaluru.

We extend our heartfelt thanks to Mr. Rohan, Chief Technology Officer (CTO), and the STPI CoE-EA team for providing the students with valuable insights into technological innovation, startups, entrepreneurship, and emerging technologies through the technical session and live laboratory demonstrations.