



# ANNAMACHARYA UNIVERSITY

EXCELLENCE IN EDUCATION; SERVICE TO SOCIETY  
(ESTD, UNDER AP PRIVATE UNIVERSITIES (ESTABLISHMENT AND REGULATION) ACT, 2016)  
Rajampet, Annamayya District, A.P – 516126, INDIA



## ACTIVITY REPORT

### REPORT ON THE VISIT OF IIT MADRAS OPEN HOUSE DAY-2025

**Date of Visit:** 3rd January 2025 (1PM- 5PM)

**Venue:** Indian Institute of Technology Madras (IIT Madras), Chennai

**Organized By:** Department of Civil Engineering, Annamacharya University.

#### **Introduction**

The Civil Engineering Department of Annamacharya University organized an educational visit to the **IIT Madras Open House 2025** on 3rd January 2025. This visit was aimed at exposing students to cutting-edge research, advanced technological developments, and the vibrant academic environment of one of India's premier institutions.

The event provided an enriching experience, aligning with the department's objective to enhance students' practical knowledge and broaden their horizons in civil engineering and interdisciplinary fields.

#### **Key Highlights of the Visit**

##### **1. Exploration of Advanced Research Labs:**

Students visited over **90 advanced laboratories** and **15 Centers of Excellence**, witnessing state-of-the-art research facilities and cutting-edge technologies. Notable areas of interest included:

- **National Centre for Safety of Heritage Structures:** Focused on preserving architectural heritage using advanced materials and techniques.
- **Geotechnical Engineering Lab:** Demonstrations on soil stabilization techniques and advanced testing methods.
- **Structural Engineering Research Centre:** Insights into earthquake-resistant building designs and smart material applications.

##### **2. Interaction with Researchers and Faculty:**

Students engaged with IIT Madras researchers and faculty members, discussing:

- Sustainable construction practices.
- Innovations in smart cities and infrastructure.
- Ongoing interdisciplinary projects integrating AI, IoT, and civil engineering.

##### **3. Exhibition Stalls and Demonstrations:**

The students explored over **60 stalls**, showcasing groundbreaking projects and real-world applications. Key exhibits included:

- Use of **recycled materials in construction**.
- **AI-driven predictive maintenance systems** for infrastructure.
- Models of **green buildings and smart urban planning solutions**.

##### **4. National Research Centers:**

The students had the opportunity to visit **4 National Research Centers**, including the **National Centre for Advanced Research in Building Science and Technology**, which showcased futuristic advancements in civil engineering.



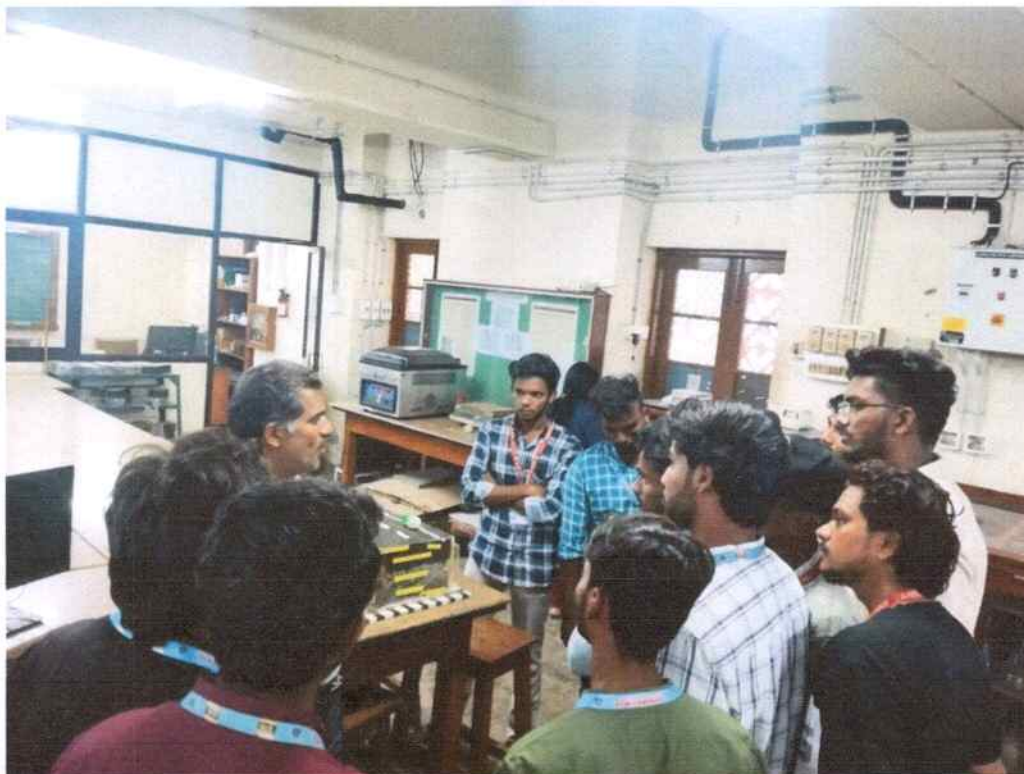
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## 5. Shaastra Technical Festival:

The visit coincided with the **Shaastra 2025 Technical Festival**, offering students the chance to witness competitions, tech talks, and live demos of emerging technologies.



### Takeaways from the Visit

- **Knowledge Enrichment:**  
Students gained valuable insights into cutting-edge research and technological advancements in civil engineering and related fields.
- **Inspiration for Future Projects:**  
The exposure encouraged students to think innovatively, particularly about sustainable development and smart infrastructure.
- **Networking Opportunities:**  
Interactions with IIT Madras researchers, faculty, and students opened avenues for collaboration and mentorship.
- **Enhanced Career Perspectives:**  
The visit highlighted diverse career and research opportunities, motivating students to aspire to higher studies and participation in similar initiatives.



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## Feedback from Students

The students expressed their excitement and gratitude for the opportunity to visit IIT Madras. One of the students remarked:

*"It was an inspiring experience to see how research and innovation are transforming the future of engineering. I feel motivated to contribute to sustainable development in civil engineering."*

## Acknowledgments

The Civil Engineering Department of AITS extends heartfelt thanks to IIT Madras for hosting the Open House 2025.

Special appreciation goes to Shaik Ashraf Ali, B. Raghunatha Reddy and Dr. N R Gowthami for accompanying the students and ensuring a fruitful visit.

## Conclusion

The visit to IIT Madras Open House 2025 was an enlightening experience for the Civil Engineering students of AITS. It broadened their academic and professional perspectives, fostering a deeper understanding of the role of research and innovation in shaping the future of engineering. This initiative reinforced the department's commitment to providing students with practical exposure and holistic education.

## Event Coordinators

Mr. S. Ashraf Ali

B Raghunatha Reddy

Dr N R Gowthami

Department of Civil Engineering,  
AITS Rajampet.

  
HoD-CE

Dr. T. Naresh Kumar  
AITS Rajampet