

Report on Students Induction Program for First-Year Civil Engineering Students**Date:** September 14, 2024**Venue:** Civil Engineering Department, Maharashtra Institute of Technology.**Introduction**

The induction program for the first-year Civil Engineering students was successfully conducted on September 14, 2024. This program was designed to acclimate new students to the department, introduce them to the faculty, and engage them in various activities that would enhance their understanding and enthusiasm for civil engineering.

Expert Talks

The induction day began with a series of insightful talks delivered by esteemed members of the Civil Engineering faculty:

- **Dr. P. R. Awsarmal (HOD)** opened the session with an inspiring speech about the role of civil engineering in shaping the modern world. Dr. Awsarmal emphasized the significance of innovative thinking and problem-solving skills in the field.
- **Dr. Suhel Hashmi** Dr. Hashmi, a distinguished alumnus of **IIT Bombay**, delivered a comprehensive talk on structural engineering. He shared his expertise on contemporary structural challenges and innovations, offering valuable insights into the intricacies of designing and analyzing complex structures.
- **Dr. Vaidya** shared his expertise on structural engineering, detailing various challenges and advancements in designing safe and resilient structures.
- **Dr. Sumeet Jaiswal:** Dr. Jaiswal, who holds a PhD from Australia, delivered a thought-provoking talk on the future of civil engineering. He discussed emerging trends and futuristic goals, including advancements in smart infrastructure, sustainable construction practices, and the integration of artificial intelligence in engineering solutions.
- **Mr. Zia Shaikh** covered the environmental aspects of civil engineering, focusing on how engineers can contribute to environmental conservation and sustainable development.
- **Mr. Bhupal Welke** presented an overview of transportation engineering, highlighting the importance of efficient transportation systems in urban development.
- **Mr. Abhishek Jaiswal** concluded the expert talks with a discussion on pursuing higher studies, specifically focusing on opportunities and benefits of an M.Tech degree. His insights into advanced studies and career advancement in civil engineering provided students with a vision for their future educational paths.

Student Activities

Following the expert talks, the students engaged in several hands-on activities designed to foster teamwork and creativity:

1. **Painting Activity:** The students participated in a creative session where they painted a wall and trees in the department. This activity not only added a vibrant touch to the surroundings but also encouraged students to express themselves artistically.
2. **Department Tour:** Senior students guided the newcomers on a tour of the Civil Engineering Department. This tour included visits to various labs and facilities, providing first-year students with a comprehensive overview of the resources available to them.
3. **Engineering Drawing Activity:** In a practical application of their budding skills, the students took part in an engineering drawing exercise. They were tasked with sketching famous architectural landmarks, including the Taj Mahal and the Red Fort. This activity aimed to enhance their technical drawing skills and familiarize them with the architectural details of significant structures.







Conclusion

The induction program was a resounding success, with a well-rounded mix of educational and engaging activities. The expert talks offered valuable insights into various aspects of civil engineering, while the student activities fostered a sense of community and hands-on learning. The participation and enthusiasm of both the students and faculty contributed to a memorable and impactful introduction to the Civil Engineering Department.

Acknowledgments

We extend our gratitude to all the speakers and senior students for their contributions to the program. Their involvement was instrumental in providing a meaningful and informative experience for the new students.

Report Prepared By: Zia Shaikh

Assistant Professor

Maharashtra Institute of Technology, Aurangabad.