

Date: 27/09/2025

DEPARTMENT OF CIVIL ENGINEERING

A Report on “CSIR-4PI 84th Foundation Day Celebration with open day event ”

Objective: To study the scientific research aspects of geology & planetary sciences, open rock museum and rock mechanics.

A visit was organized by the Department of Civil Engineering on 26/09/2025 to CSIR-4PI for Celebrates 84th Foundation Day Celebration with open day event ,Uppal Road, Hyderabad-500007. Telangana, India .

The visit started at 10.30am with 27 students of III & IV Year Civil Engineering Students. Mr. Mood Naresh, Asst Professor accompanied the students for the visit. CSIR primarily focuses on scientific research and development in various fields such as aerospace, biology, chemistry, earth sciences, engineering and medical sciences

The students visited various stalls of P-POSTER & E-EXHIBITION and observer display work, projects, or demonstrations of this division, which likely cover topics related to geology, earth systems, and engineering interfaces.

During the visit, the students had an opportunity to explore various exhibits and demonstrations arranged by different divisions of CSIR-4PI. They specifically observed displays related to “geology, land hazards, and geoinformation systems”, which highlighted the institute’s research contributions in understanding earth systems and their application to societal needs.

The exhibits provided valuable insights related to :

- * Geological studies and their role in natural resource management.
- * Land hazard assessment techniques and disaster preparedness.
- * Applications of geoinformation technology in mapping and environmental monitoring.

The Open Day not only showcased CSIR-4PI’s cutting-edge research but also encouraged students to appreciate the practical significance of scientific advancements in addressing real-world challenges. The event served as an educational and inspirational experience for all participants. Such demonstrations would provide valuable insight into the division’s ongoing

contributions, particularly in integrating scientific knowledge with practical engineering challenges. By showcasing these efforts, CSIR 4PI would not only illustrate the breadth of its research but also engage visitors in understanding the real-world applications of geoscience and engineering solutions.

The observations made during the visit suggest that, on the upcoming Open Day, CSIR 4PI may present a variety of projects, models, and demonstrations from this division. These are likely to cover significant themes such as earthquake studies and seismic resistance. The displays would emphasize the role of advanced research in understanding seismic activity, assessing risks, and developing engineering solutions that improve safety and resilience in infrastructure.

Output: Overall, the observations suggest that the Open Day will serve as an important platform for knowledge sharing and public engagement, helping students and other attendees appreciate the interdisciplinary nature of CSIR 4PI's work. The students captured important structures in the visit. The students reached the campus by 03.45 PM.



Mr. Mood Naresh
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