



School of Engineering

Department of Electronics & Communication Engineering

Report on NNRG's Educational Visit to CSIR-NGRI (Open Day Program)-26/9/25

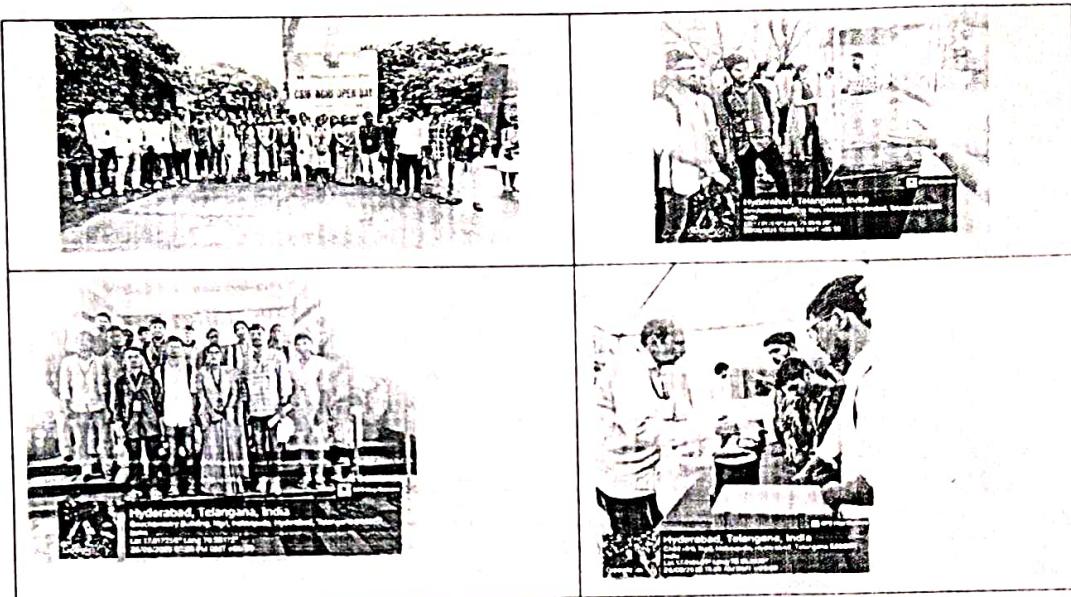
Overview of Program

An educational visit was organized by Nalla Narasimha Reddy Group of Institutions (NNRG) to CSIR-National Geophysical Research Institute (NGRI) on 26th September 2025 (Friday) on the occasion of the 84th CSIR Foundation Day, as part of the Open Day celebrations. The visit was coordinated under the guidance of Dr. G. Janardhana Raju, Professor & Dean, School of Engineering, NNRG, along with a team of 9 faculty members from ECE (2), Civil (1), AIML (3) and DS (3) departments. A total of 180 students in particular 44 ECE students had actively participated in the program.

Purpose of the Program

- The primary purpose of the visit was to expose students to the research environment of a premier national laboratory and to create awareness about the role of geophysical research in nation-building. The Open Day program aimed to bridge the gap between theoretical knowledge and real-world scientific applications by showcasing CSIR-NGRI's ongoing research, technologies, and societal contributions. Interaction with scientists and research professionals, providing insights into research methodologies, innovation, and career opportunities in R&D organizations.
- Awareness sessions on CSIR's role, research culture, and interdisciplinary scientific approaches.

Program Glimpses



Program Highlights

- Interactive exhibitions and live demonstrations on geo-sensors, AI-lab for monitoring and predicting resources, geophysics, earth sciences, natural resource exploration, seismic studies, groundwater investigations, and disaster management.
- Display of advanced instruments, models, and research posters illustrating NGRI's contributions to energy, environment, water resources, and infrastructure development.

Outcome of the Visit

The visit significantly enhanced students' understanding of applied geophysical sciences and national-level research activities. Students gained practical exposure, inspiration for higher studies and research careers, and a broader perspective on how engineering and science contribute to societal and industrial development. Overall, the program was highly informative, motivating, and aligned with academic enrichment and career orientation objectives of NNRG.


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