

Date: March 10th, 2025

Report on Outreach and Expert Lecture at Rajiv Gandhi Government Polytechnic, Narwana, Haryana

On March 5th, 2025, Dr. Saurabh Rawat, Associate Professor and Mr. Chandra Pal Gautam, Assistant Professor from Department of Civil Engineering, JUIT visited Government Polytechnic, Narwana, Haryana for outreach and delivering expert lectures. Dr. Saurabh Rawat delivered an expert talk on ***“Soil Compaction: Some Insights”***. Dr. Rawat discussed the difference between compaction and consolidation. Dr. Rawat discussed at length the critical insights as given in IS 2720 (Part VII) 2011. Dr. Rawat also emphasized the importance of following the codal provisions at the site and compaction related problems at the site. The session was followed by an expert talk on ***‘Earthquake resistant construction’*** by Mr. Chandra Pal Gautam. Mr. Gautam discussed the various tectonic plates theory, earthquake zones in India and terminologies related to earthquakes. He deliberated about the various concepts of building design such as building symmetry and special cases of building in hilly areas for resisting seismic activities. The sessions were followed by Q&A session wherein the students actively discussed their doubts related to soil compaction and earthquakes resistance buildings. The students also discussed the projects and working models that can be done as their final year project.

The expert talk was attended by a total of 78 students with 39 students from 2nd year and 39 students from 3rd year.





Photo: Expert talk at Rajiv Gandhi Govt. Polytechnic, Narwana, Haryana