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## **Gate Awareness Session**

### **Event Overview**

MVJ College of Engineering has organised a detailed GATE Awareness Session for final and pre-final year students, featuring expert speakers **Mr. Abhirup Pal** from the Interdisciplinary Centre for Water Research and **Mr. K. Satish Kumar** from the Centre for Atmospheric and Oceanic Sciences (CAOS), IISc, on 20th August 2025 at 11.30 am in Dr. M V Jayaraman Auditorium.

The session began with an insightful introduction to the Indian Institute of Science (IISc), highlighting its rich legacy, interdisciplinary research culture, and advanced facilities such as the Advanced Facility for Microscopy and Microanalysis (AFMM). The speakers also spoke about the IISc campus at Challakere, emphasising its role in outreach and research. The core focus of the session was on the Graduate Aptitude Test in Engineering (GATE), which is jointly conducted by IISc and various IITs, with each institution taking turns to manage the GATE website and coordination. Students were informed about the significance of appearing for GATE, which opens opportunities for postgraduate studies (M. Tech, MS, Integrated PhD, Direct PhD), government sector jobs, and placements in Public Sector Undertakings (PSUs). The exam pattern was explained in detail, including the types of questions (MCQs, MSQs, and NATs), the marking scheme, and the duration.

The session also covered the wide range of papers available in both engineering (e.g., Instrumentation, Geotechnical) and science disciplines. The importance of the GATE score was emphasised, as it plays a crucial role in admissions and job applications, with a validity of three years. Students were informed about the available scholarships, including AICTE scholarships for M. Tech programs and institute-funded scholarships for PhD programs. Additionally, the session highlighted international opportunities where GATE scores are accepted, such as in universities in Singapore (NUS) and Japan. The speakers concluded by discussing the GATE fee structure and encouraging students to begin early preparation, positioning GATE as a gateway to advanced education, research, and career advancement.

## Objectives of the Event

The primary objectives of the event were:

- To educate and motivate final and pre-final year students about the significance of the Graduate Aptitude Test in Engineering (GATE) as a gateway to advanced academic and professional opportunities
- To provide a comprehensive understanding of the GATE exam structure, its role in admissions to postgraduate programs (M.Tech, MS, Integrated PhD, Direct PhD), and its relevance in securing government jobs and placements in Public Sector Undertakings (PSUs)
- To familiarise students with the interdisciplinary research environment at IISc, the availability of scholarships, and international prospects through GATE scores
- To encourage students to consider it as a strategic step toward academic excellence and career advancement



Mr. Abhirup Pal and Mr. K. Satish Kumar from IISc sharing insights on GATE and research opportunities



Students actively participating in the GATE Awareness Session

## Outcomes and Impact

The session successfully enhanced students' awareness and understanding of the GATE examination, its benefits, and its application in various academic and professional domains. Students gained clarity on the exam pattern, types of questions, scoring system, and the importance of the GATE score in securing admissions and job opportunities. They were informed about the scholarships available for M. Tech and PhD programs, and the possibility of pursuing higher education abroad using GATE scores. The session also sparked interest in interdisciplinary research and motivated students to begin early preparation for GATE, positioning it as a vital milestone in their academic and career journey.