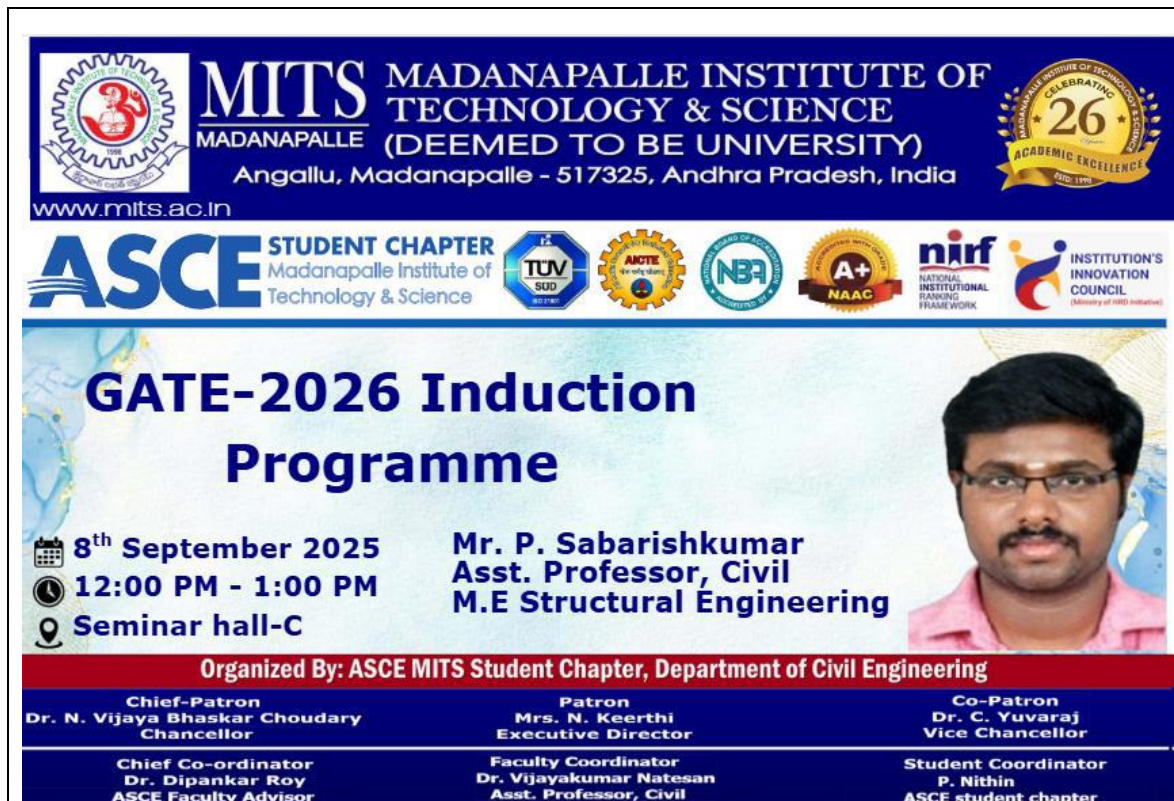


A Report on  
“GATE Awareness Program”  
Organized by  
ASCE MITS Student Chapter  
08.09.2025



The banner for the GATE-2026 Induction Programme features the MITs Madanapalle logo and name at the top left, followed by the text 'MITS MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE (DEEMED TO BE UNIVERSITY)'. Below this is the address 'Angallu, Madanapalle - 517325, Andhra Pradesh, India' and the website 'www.mits.ac.in'. To the right is a gold seal celebrating 26 years of academic excellence. Below the main header is a row of accreditation logos including ASCE Student Chapter, TUV SUD, AMTE, NBA, A+ NAAC, and NIRF. The central text reads 'GATE-2026 Induction Programme'. To the left of this text are icons for date, time, and location: '8<sup>th</sup> September 2025', '12:00 PM - 1:00 PM', and 'Seminar hall-C'. To the right is a portrait of Mr. P. Sabarishkumar, Asst. Professor, Civil M.E Structural Engineering. Below the portrait and date information is a red bar with the text 'Organized By: ASCE MITS Student Chapter, Department of Civil Engineering'. At the bottom is a table of organizers.

<b>Chief-Patron</b> Dr. N. Vijaya Bhaskar Choudary Chancellor	<b>Patron</b> Mrs. N. Keerthi Executive Director	<b>Co-Patron</b> Dr. C. Yuvaraj Vice Chancellor
<b>Chief Co-ordinator</b> Dr. Dipankar Roy ASCE Faculty Advisor	<b>Faculty Coordinator</b> Dr. Vijayakumar Natesan Asst. Professor, Civil	<b>Student Coordinator</b> P. Nithin ASCE student chapter

**Report Submitted by: Dr. Vijayakumar Natesan, HOD, Department of Civil Engineering, MITS.**

**Resource Person Details: Mr. P. Sabarishkumar, Assistant Professor, Department of Civil Engineering, M.E (Structural Engineering), MITS**

**Participants: Civil Students and Staff**

**Mode of Conduct: Offline**

### **Objective of the Event**

The primary objective of the GATE Awareness Session was to enlighten students about the **Graduate Aptitude Test in Engineering (GATE)**, its structure, syllabus, application

process, and the diverse academic and professional opportunities available upon qualification. The session aimed to motivate students to pursue higher education, research, and careers in Public Sector Undertakings (PSUs) through the GATE pathway.

### Importance of the Event

The Graduate Aptitude Test in Engineering (GATE) is a highly competitive national-level examination that not only provides access to prestigious postgraduate programs in IITs, NITs, IIITs, and IISc but also offers significant career opportunities in PSUs and global institutions. Awareness about its structure, preparation strategies, and application process is vital to help students make informed career decisions.

### Aspects of the Program

#### a) Syllabus Coverage

- General Aptitude: Reasoning, verbal ability, and numerical skills.
- Engineering Mathematics: Linear algebra, calculus, probability, numerical methods, etc.
- Core Subjects: Discipline-specific topics with emphasis on weightage and preparation strategies.





### b) Application Process

- Explained the GATE Online Application Processing System (GOAPS).
- Step-by-step guidance on form filling, document uploads, and fee payment.
- Emphasis on deadlines and accuracy of details.

### c) Advantages of Qualifying GATE

- Higher education opportunities in IITs, NITs, IIITs, and IISc.
- Scholarships and stipends for M.Tech./Ph.D. students.
- Employment in leading PSUs such as NTPC, ONGC, BHEL, and IOCL.
- International opportunities with some universities accepting GATE scores.
- Career enhancement in research, teaching, and R&D sectors.

### Outcomes of the Event

1. Students gained a clear understanding of the **GATE exam** structure and preparation methodology.
2. Participants became aware of the official application procedure and important guidelines.

3. The session motivated students to pursue GATE as a pathway for higher education and career development.

#### **Program Outcomes (POs) Mapped**

1. **PO2: Problem analysis** - Identifying, formulating, and analyzing complex engineering problems.
2. **PO12: Life-long learning** - Preparing students for continuous self-learning and adaptability.
3. **PO9: Individual and team work**- Encouraging peer learning and collaborative preparation for competitive exams.

#### **Sustainable Development Goals (SDGs) Addressed**

1. **SDG 4: Quality Education**-Promoting advanced knowledge and skill development.
2. **SDG 8: Decent Work and Economic Growth** -Preparing students for opportunities in PSUs and global industries.

#### **Student Feedback**

Students expressed that the session was highly informative and motivating. They appreciated the clarity provided on the syllabus, preparation strategies, and application process. Many students mentioned that the session instilled confidence to attempt GATE as a career-defining opportunity.

#### **Conclusion**

The Awareness Session on GATE Examination was a highly beneficial program that inspired students to set clear academic and career goals. It provided essential guidance on the exam process, syllabus, and future opportunities, thereby aligning with the institution's mission of fostering academic excellence and career readiness among students.