



MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

Madanapalle-517325, Annamayya Dist., Andhra Pradesh, India.

MITS DEEMED TO BE **UNIVERSITY**

(Declared under section 3 of UGC Act, 1956 by Govt. of India - MoE)



DEPARTMENT OF CIVIL ENGINEERING

AY: 2025 – 2026

A Report on

Awareness Program

on

**Career Opportunities for Civil Engineering Students
through UPSC, SSC & GATE:
Preparation Strategy**

Organized by

Builders Club

Under the aegis of

ASCE MITS Student Chapter

on

17 / 11 / 2025



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Awareness Program

on

Career Opportunities

for Civil Engineering Students through

UPSC, SSC & GATE: Preparation Strategy

 11:00 am - 1:00 pm

 17th November 2025

 Seminar Hall-A

Dr. T. Murali Krishna, PhD,
Associate Director,
Vetrii Engineering Academy,
Chennai



Organized By: Builders Club under the aegis of ASCE MITS Student Chapter, Department of Civil Engineering

Chief-Patron Dr. N. Vijaya Bhaskar Choudary Founder & Chancellor	Patron Mrs. N. Keerthi Executive Director	Program Chair Dr. C. Yuvaraj Vice Chancellor (I/c)	Co-Chair Dr. P. Ramanathan, Principal
Chief Coordinator Dr. Dipankar Roy, Professor Dean-School of Engineering & ASCE Faculty Advisor	Chief Co Coordinator Dr. Vijayakumar. N Asst. Professor, Hod of Civil	SAC Coordinator Dr. G. Reddy Hemantha Asst. Professor, ECE	Faculty Coordinator Mr. Sabarishkumar, P Asst. Professor, Dept. of Civil
Faculty Coordinator Dr. Imran Kuttigola Asst. Professor, Dept. of Civil	Student Coordinators N. Radiya & V. Shilvani ASCE Student Chapter & Builders Club		

Report Submitted by: Dr. Imran Kuttigola, Assistant Professor, Department of Civil Engineering, Madanapalle Institute of Technology & Science.

Faculty Coordinators:

1. Mr. Sabarishkumar. P, Department GATE Coordinator, Assistant Professor, Department of Civil Engineering
2. Dr. Imran Kuttigola, Builders Club Coordinator, Assistant Professor, Department of Civil Engineering

Venue: Seminar Hall-A

Time: 11:00 am to 1:00 pm

Mode of Conduct: Offline.

Attendees Count: 81 students

Resource Person: Dr. T. Murali Krishna, PhD, Associate Director, Vetrii Engineering Academy, Chennai.

Objective of the Program

- To create awareness among civil engineering students about various career opportunities available through UPSC, SSC, GATE, and other competitive examinations.
- To guide students on the eligibility, exam patterns, and selection processes of major government and technical career pathways.
- To provide effective preparation strategies, study plans, and resource suggestions for excelling in these competitive exams.
- To motivate students to pursue higher studies, technical careers, and public sector roles aligned with civil engineering.
- To help students understand the importance of long-term career planning and skill development for achieving professional goals.

Importance of the Program

- **Helps students understand diverse career pathways:** The program highlights multiple opportunities available for civil engineering graduates through UPSC, SSC, GATE, and other competitive exams.
- **Bridges the gap between academics and career planning:** It provides students with clarity on how classroom learning connects to professional roles in government, public sector, and technical fields.
- **Provides expert insights for exam preparation:** Students gain valuable guidance on preparation strategies, recommended study materials, and time-management techniques essential for competitive exams.
- **Encourages higher studies and professional growth:** Information about GATE-based admissions and PSU recruitments motivates students to pursue higher education and technical excellence.
- **Boosts motivation and confidence:** By understanding career options, students become more confident in planning their future and setting achievable goals.
- **Supports holistic student development:** The program contributes to overall professional development by emphasising discipline, analytical thinking, and long-term career vision.



Event details:

Builders Club, under the aegis of the ASCE MITS Student Chapter, Department of Civil Engineering, organized an Awareness Program on **“Career Opportunities for Civil Engineering Students through UPSC, SSC & GATE: Preparation Strategy”** on **November 17, 2025**, from **11:00 AM to 1:00 PM** at the Madanapalle Institute of Technology & Science (MITS). The session aimed to help students understand various career pathways in the government and technical sectors and to provide preparation strategies for competitive examinations relevant to civil engineering graduates. The event began with ASCE Student Chapter Coordinator **Ms. N. Radiya** welcoming all dignitaries to the stage. **Mr. Sabarishkumar P., Department GATE Coordinator**, initiated the session by addressing the importance of GATE, UPSC Engineering Services, SSC JE, and other competitive examinations for civil engineering students. This was followed by a welcome address from **Dr. Vijayakumar N., Head of the Department of Civil Engineering**, who highlighted the significance of competitive exams in shaping technical careers and encouraged students to utilize such opportunities for professional growth. He welcomed the resource person, **Dr. T. Murali Krishna**, PhD, Associate Director, Vetrii Engineering Academy, Chennai, acknowledging his contributions to the engineering field.

Dr. Dipankar Roy, Dean – School of Engineering, then addressed the gathering, emphasising

the challenges and opportunities associated with career planning in the current engineering landscape. He encouraged students to develop strong analytical skills, discipline, and a focused approach towards competitive examinations. During the technical session, **Dr. T. Murali Krishna** shared insights on various career opportunities available at the state and central government levels. He elaborated on the exam patterns, preparation strategies, recommended study resources, and the importance of consistency and determination in clearing competitive exams. His talk provided practical guidance that helped students understand how to plan effectively for exams such as UPSC ESE, SSC JE, GATE, and other government recruitment tests.

The interactive session allowed students to clarify their doubts regarding exam preparation, job opportunities, and career progression. The event concluded with a vote of thanks by **Ms. V. Shivani**, Student Coordinator of the **Builders Club**, who expressed gratitude to the management, Dean, HoD, resource person, and student participants for making the program a success.





Outcomes of the Event

- Students gained a clear understanding of various government and technical career opportunities available through UPSC, SSC, GATE, and other competitive examinations.
- Participants learned about eligibility criteria, syllabus structure, exam formats, and recruitment procedures for major competitive exams relevant to civil engineers.
- Students were introduced to practical study techniques, resource planning, time management, and subject-wise preparation methods needed to excel in competitive exams.
- The session inspired students to set career goals, explore higher education through GATE, and consider roles in the public sector and technical organisations.
- Direct interaction with the resource person enabled students to clarify doubts, gain confidence, and understand real-world expectations of competitive exam preparation.



Program Outcomes (POs) Covered

- **PO1 – Engineering Knowledge:**

Students understood the relevance of core civil engineering knowledge in qualifying competitive examinations such as UPSC, SSC, and GATE.
- **PO2 – Problem Analysis:**

The session enhanced analytical thinking by explaining how to approach technical and reasoning-based questions in competitive exams.
- **PO5 – Modern Tool Usage:**

Students were exposed to modern preparation tools, online platforms, and digital resources useful for exam preparation and career planning.
- **PO6 – The Engineer and Society:**

The program highlighted the societal impact of civil engineers working in public sectors and government organisations, emphasising professional responsibility.
- **PO8 – Ethics:**

Participants gained insights into ethical responsibilities and integrity expected in government services and technical professions.

- **PO9 – Individual and Team Work:**

The session encouraged collaborative learning, peer discussion, and teamwork in preparing for long-term career goals.

- **PO10 – Communication:**

Students learned the importance of effective communication skills for interviews, written exams, and professional roles in the engineering sector.

- **PO12 – Life-long Learning:**

The program emphasised continuous learning, upskilling, and staying updated with examination trends and career opportunities.



SDG Goals Aligned with the Event

1. **SDG 4 – Quality Education:** The program promotes inclusive and quality education by providing students with guidance on career opportunities and competitive exam preparation, enhancing their academic and professional skills.
2. **SDG 8 – Decent Work and Economic Growth:** By informing students about state and central government job opportunities, PSUs, and higher education pathways through GATE, the event supports access to decent employment and long-term career growth.

3. SDG 9 – Industry, Innovation, and Infrastructure: The session indirectly supports innovation and infrastructure development by motivating future civil engineers to pursue responsible engineering roles contributing to national development.

Students' Feedback:

Students expressed that the awareness program was highly informative and beneficial for understanding various career opportunities available for civil engineering graduates. They appreciated the detailed explanation of UPSC, SSC, GATE, and other competitive exams, along with practical guidance on preparation strategies. Many students felt that the interaction with the resource person boosted their confidence and motivated them to plan their careers more effectively. Participants also highlighted that the session clarified their doubts regarding exam patterns, study materials, and job prospects in both state and central government sectors. Overall, students found the program engaging, insightful, and valuable for shaping their future professional goals.

Feedback on- Career Opportunities for Civil Engineering Students through UPSC, SSC & GATE: Preparation Strategy

