

**A Report on Ideathon Competition on  
"Innovative Ideas for Climate Protection behalf of Engineer's Day"  
Organised by Department of Civil Engineering  
in association with ASCE MITS Student Chapter  
on 17th September 2024**



**Submitted By:** Dr. Swapneel Jaiswal Sr. Assistant Professor, Civil Engineering, Madanapalle Institute of Technology and Science.  
**Dignitaries present:**

**Dr. Ramanadam garu, vice principal (Academics), Madanapalle Institute of Technology and Science**

**Dr. Vijayalakshmi Sr. Manager International Relations, Madanapalle Institute of Technology and Science**

**Dr. Dipankar Roy, Professor & Head, Department of Civil Engineering, Madanapalle Institute of Technology & Science.**

**Dr. Swapneel Jaiswal Sr. Assistant Professor, Civil Engineering, Madanapalle Institute of Technology and Science.**

**Dr. Nakkeeran G, Assistant Professor, Department of Civil engineering, Madanapalle Institute of Technology and Science.**

**Report Received on 27.09.2024**

**Mode of Conduct: Offline**

#### **Objective:**

The Ideathon competition on "Innovative Ideas for Climate Protection", held as part of Engineer's Day on 17th September 2024, was organized to celebrate and promote innovative engineering ideas, particularly focused on climate protection and Sustainable Development Goal 13 (Climate Action). The competition aimed to inspire young innovators by providing them a platform to present their creative ideas on climate protection, addressing critical environmental issues through sustainable engineering solutions. Additionally, it sought to emphasize the pivotal role of engineers in societal development.

#### **Key objectives of the Ideathon competition:**

1. **Platform for Young Innovators:** To create a space where school and higher education students could present their climate protection ideas and compete in front of experts.
2. **Mentorship for School Students:** The Department of Civil Engineering aimed to provide mentorship, guiding local school students in developing innovative ideas and preparing them for the competition.
3. **Showcase of Innovative Ideas:** The competition served as an avenue for participants to exhibit their innovative solutions for addressing climate-related challenges, encouraging creativity and problem-solving among future engineers.

This initiative not only celebrated engineering achievements but also promoted environmental awareness, sustainable solutions, and mentorship for younger generations.

#### **Program details:**

The Department of Civil Engineering at MITS, in collaboration with ASCE MITS Student Chapter, MITS-ISTE, and MITS-IIC, organized the "Ideathon Competition on Innovative Ideas for Climate Protection" on 17th September 2024, from 10:00 AM to 4:00 PM. The event commenced with a welcome speech by Dr. Swapneel Jaiswal, setting a positive and encouraging tone for the day.

Participants from PM Sree School, Valmikipuram, Burakayalakota School, and students from various departments of MITS attended the event. The competition was divided into two parallel groups: one for external participants and the other for internal participants. A total of 14 external groups, each comprising 4 members, participated enthusiastically, while 7 internal participants from MITS displayed their interest and ideas.



The school students actively participated, presenting their innovative ideas and models, which added excitement and energy to the event. Their contributions, alongside the participation of students from other MITS branches, made the competition dynamic and full of inspiring ideas for climate protection and sustainability. The enthusiasm displayed by the school participants highlighted the need for more such events at MITS, as they eagerly engaged with the competition.

The ASCE MITS Student Chapter played a crucial role in organizing and managing the event, providing consistent support throughout. The event was made possible by the dedicated efforts of the respected management of MITS, including the Principal, Vice Principals, and the unwavering backing of the ASCE MITS Student Chapter.

We extend our heartfelt thanks to the ASCE MITS Student Chapter for their continuous support in making this event a resounding success.

#### Outcome of The Event:

The “**Ideathon Competition on Innovative Ideas for Climate Protection**” held on 17th September 2024 as part of Engineer’s Day celebrations had several significant outcomes:

- **Fostering Innovation for Climate Protection:** The event successfully provided a platform for students to present their innovative ideas aimed at addressing climate change, aligned with Sustainable Development Goal 13. Participants showcased creativity and problem-solving skills through models and ideas focused on sustainability and environmental protection.
- **Skill and Knowledge Development:** The competition encouraged students to research, collaborate, and critically think about global climate issues. By participating, they honed their skills in innovative thinking, presentation, and model-building, enhancing their knowledge of sustainable practices.
- **Engagement with Engineering Principles:** The event highlighted the importance of the engineering profession in tackling real-world challenges like climate change. It fostered a greater appreciation for engineering as a vital tool for sustainable development, promoting the role of engineers in society.
- **Encouraging Youth Participation:** The enthusiastic involvement of school students demonstrated their eagerness to engage with innovative solutions. Their active participation signalled the potential for future collaborations and increased interest in similar events, thereby encouraging their continued growth in the engineering field.
- **Mentorship and Guidance:** The mentorship provided by the Department of Civil Engineering contributed to the students' ability to present well-thought-out ideas. This mentorship will likely have a lasting impact, motivating students to explore further opportunities for learning and innovation.

The event not only celebrated the achievements of engineers but also inspired the next generation of innovators to contribute towards climate protection, marking a significant step in fostering a culture of sustainability and innovation.



#### Closing:

This event was the part of Engineer’s Day Celebration through which various competition was organised. The Department of Civil Engineering conducted Technical Quiz on 3rd September 2024 Poster Presentation, Project Expo on 4th September 2024 and Innovation Competition on 17th September 2024 are the events on the occasion of Engineer’s Day on 15th September 2024 at Madanapalle Institute of Technology and Science.

The event “**Ideathon Competition on Innovative Ideas for Climate Protection**” was concluded with the prize distribution ceremony at 4 p.m. by the delegates on stage followed by the vote of thanks by Dr. Nakkeeran G. and Dr. Priyamnath Bhowmik