

MECHANICAL ENGINEERING

MRCET CAMPUS

MSME IDEA HACKATHON 5.0

(FOR YOUNG INNOVATORS OF THE NATION)

THEMES

- Low-carbon footprint solutions/technologies
- Stealth, surveillance, and cyber defense technologies
- Innovation in adoption of industry 4.0 & 5.0 in msme ecosystem
- Innovation for business upliftment and sustainability in coastal and hilly areas
- Smart and Resilient Supply Chains

INTERNAL HACKATHON

Date: 9 & 10, JULY 2025 Time: 10:00 AM

Venue: ECE/EEE Seminar Hall



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiative)



MSME
MICRO, SMALL & MEDIUM ENTERPRISES
सूक्ष्म, लघु एवं मध्यम उद्यम
OUR STRENGTH • हमारी शक्ति
Ministry of MSME, Govt. of India



**MALLA REDDY COLLEGE
OF ENGINEERING & TECHNOLOGY**
(AUTONOMOUS INSTITUTION - UGC, GOVT. OF INDIA)

Affiliated to JNTUH; Approved by AICTE, NBA-Tier 1 & NAAC with A-GRADE | ISO 9001:2015



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The Department of Mechanical Engineering, Malla Reddy College of Engineering & Technology successfully organized the MSME Idea Hackathon on 09-07-2025 in collaboration with the Ministry of Micro, Small and Medium Enterprises (MSME), Government of India. The event was held in the Seminar Hall, and witnessed enthusiastic participation from the students of Mechanical Engineering and various disciplines.

The primary objective of the Hackathon was to foster innovation, encourage entrepreneurship, and provide a platform for students to present viable solutions to real-world problems. The event commenced with an inaugural session graced by the Principal Dr. S. Srinivasa Rao, and Dr. Desu Damodara Reddy HOD-ME and other department HODs, who emphasized the importance of innovation in the growth of MSMEs and the role of youth in driving the nation towards self-reliance.

Three teams from the Department of Mechanical Engineering participated in the hackathon, each presenting unique and practical ideas spanning sectors such as agriculture, renewable energy, healthcare, education, waste management, and digital technology. Participants were mentored by industry experts, faculty, and startup founders, who guided them in refining their ideas into sustainable business models.

HACKATHON FUNDING 5.0



The event followed a structured format:

Idea Pitching Round: Teams presented their concepts in a 3-minute pitch.

Q&A Session:

A panel of judges, including representatives from MSME, entrepreneurs, and faculty members, interacted with the teams to assess feasibility and innovation.

Final Evaluation:

Top ideas were shortlisted based on originality, societal impact, and business potential.

Selected teams were also nominated for further mentoring under the MSME Innovation Scheme, giving them the opportunity to incubate and possibly commercialize their ideas.

The MSME Idea Hackathon served as a valuable experience for students, encouraging them to think creatively and address societal issues through entrepreneurship. The event concluded with a vote of thanks by the organizing committee, expressing gratitude to the MSME department, college management, mentors, and all participants for their enthusiastic involvement.



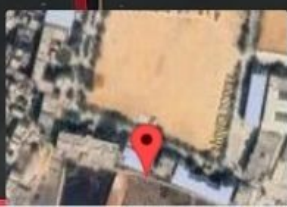
Hyderabad, Telangana, India

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Lat 17.560254° Long 78.456299°

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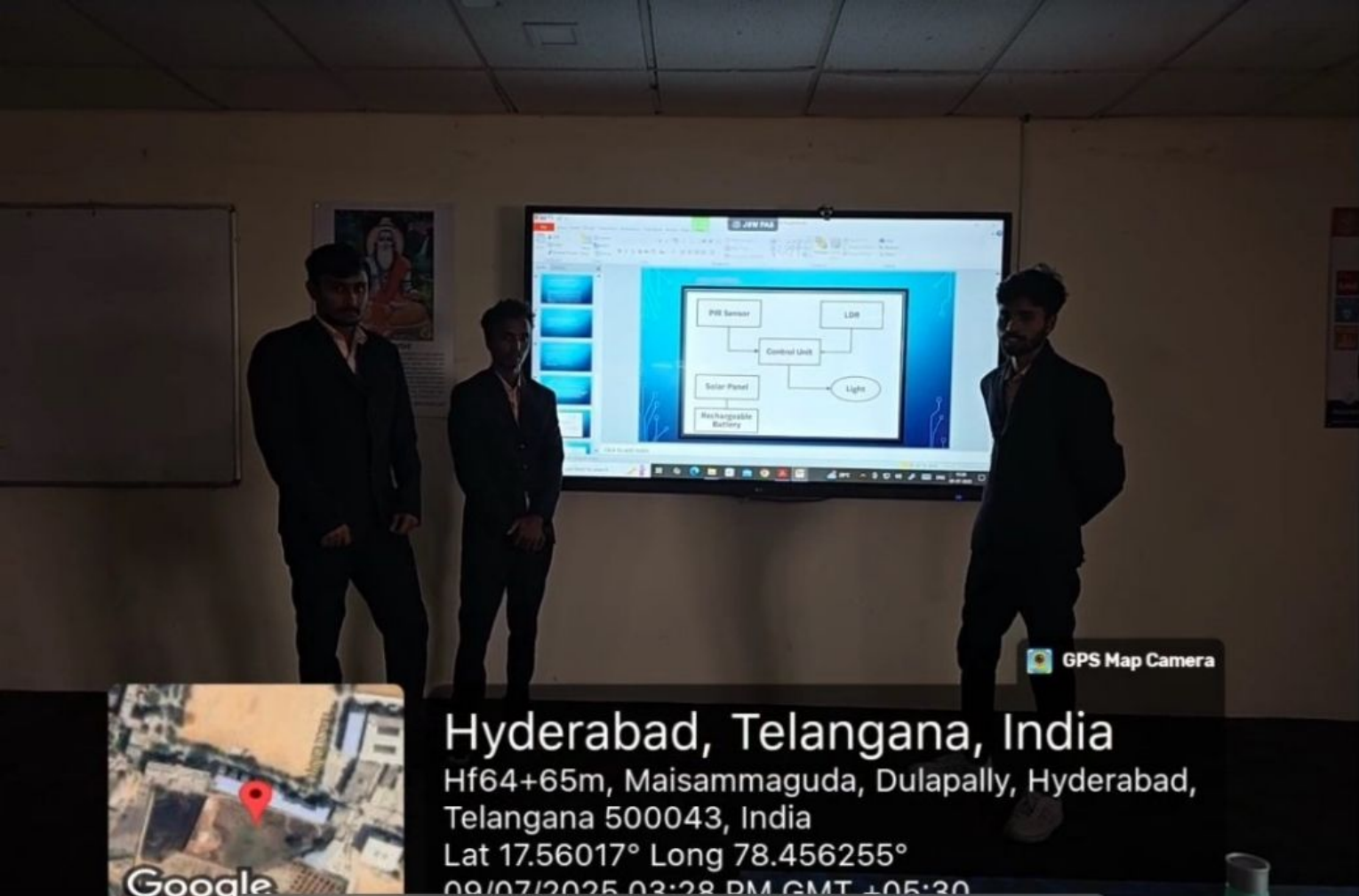
HACKATHON



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HACKATHON

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Thank you

