

ELLENKI COLLEGE OF ENGINEERING AND TECHNOLOGY



(Autonomous Institution - UGC, Govt. of India)
(Sponsored by Ellenki Educational Society)



Patelguda, Sangareddy Dist. Hyderabad.

Approved by AICTE & Affiliated to JNTUH, Accredited by NAAC, Recognition of 2(f), UGC, MSME-HI

Ellenki College of Engineering and Technology

ISTE STUDENT CHAPTER HACKATHON

At

Ellenki College Campus

Chief Guest

DR. T PRASAD, PROFESSOR

Dr. E.SADASIVA REDDY, CHAIRMAN

Dr. P. JOHN PAUL, PRINCIPAL

Submitted

By

P VENKAT MADHAV

DISCIPLINARY CO-ORDINATOR


Coordinator


Principal


Academic Director

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ISTE STUDENT CHAPTER HACKATHON

Ellenki College of Engineering and Technology

Date: 05 June 2025

Organized by: MECHANICAL AND CIVIL DEPARTMENT

OBJECTIVES:

- To ignite innovation and critical thinking among students through hands-on, real-time problem-solving.
- To create a collaborative space for students to work on tech-driven solutions for social, industrial, and local challenges.
- To enhance coding proficiency, algorithmic thinking, and UI/UX skills in a competitive and time-bound format.
- To build teamwork, leadership, and peer learning in a multidisciplinary environment.
- To introduce students to project-based learning aligned with industry demands.
- To identify high-potential tech solutions that can be mentored further for incubation or startup potential.
- To provide a platform for interaction with experts from industry and academia.
- To encourage students to align their ideas with Sustainable Development Goals (SDGs) and national missions like Digital India and Make in India.

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OUTCOMES:

- Over **25 teams** participated with enthusiastic representation from CSE, IT, ECE, AI & DS, and Mechanical departments.
- Students developed innovative solutions in domains like **health-tech, ed-tech, smart farming, automation, and green technology**.
- Winning teams were felicitated with **certificates, medals, and cash prizes** and given mentoring opportunities for project incubation.
- Faculty guided the teams on technical refinement, project scalability, and pitching strategy.
- Students enhanced their technical documentation, team coordination, and presentation skills.
- Final project demos were evaluated by a jury comprising industry professionals and senior academicians.
- The event encouraged cross-departmental bonding and showcased Ellenki's growing tech innovation culture.
- Several student projects were shortlisted for participation in **national-level hackathons** and startup contests.

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SUMMARY:

On **05 June 2025**, the **ISTE Student Chapter of Ellenki College of Engineering and Technology** successfully hosted a power-packed **Hackathon** that brought together creativity, technology, and student enthusiasm under one roof. With the aim of solving real-world problems using technical know-how, the event provided a stage for young minds to innovate, collaborate, and compete.

Students worked intensively over the course of 12 hours to build working prototypes and pitch their ideas. The energy on campus was electric — whiteboards filled with ideas, laptops buzzing with code, and mentors moving across tables guiding student teams.

From smart irrigation systems to mobile apps for mental health, the diversity of solutions reflected students' deep engagement with community and global challenges. The panel of judges appreciated the originality and feasibility of several projects, and the best ideas were encouraged for further development through mentoring.

The hackathon not only nurtured innovation but also strengthened Ellenki's vision of transforming students into **future-ready technocrats and entrepreneurs**.

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