

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Report

The Department of EEE in association with Innovation and Incubation Cell (IIC) of Narayana Engineering College, Gudur (NECG) successfully organized a Workshop on “Idea Generation and Problem Identification” to nurture innovative thinking and an entrepreneurial mindset among students. The workshop aimed to guide participants in identifying real-world problems and transforming them into feasible and impactful ideas. The session was conducted by Dr. B. Hemanth Kumar, Associate Professor at MohanBabu University (MBU), who served as the Resource Person.

1. Objectives of the program:

- To encourage innovative thinking among students and faculty to develop creative solutions for real-world problems.
- To help participants understand the process of identifying real-life problems in society, industry, and technology sectors.
- To develop problem-solving skills by analyzing challenges and converting them into feasible ideas or projects.
- To promote entrepreneurship and start-up culture by motivating participants to transform innovative ideas into business opportunities.
- To introduce various idea generation techniques such as brainstorming, design thinking, and creative problem-solving methods.
- To create awareness about innovation and incubation activities and the support provided by the Innovation and Incubation Cell.
- To motivate participants to participate in innovation programs, hackathons, and start-up initiatives.
- To guide students on how to refine ideas and convert them into viable projects, prototypes, or start-ups.

2. Outcomes of the program:

- Participants gained awareness about innovation and entrepreneurship, and understood the importance of identifying real-world problems.
- Students developed the ability to think creatively and generate innovative ideas to address societal and industrial challenges.
- Participants learned various techniques for idea generation, such as brainstorming and design thinking approaches.
- Students understood the process of converting problems into feasible project ideas or start-up opportunities.

- The workshop motivated students to participate in innovation activities, hackathons, and start-up initiatives supported by the Innovation and Incubation Cell.
- Participants gained knowledge about the support systems available for innovators, including incubation centers and mentorship programs.
- The program encouraged students to work collaboratively and develop solutions with practical applications.
- Overall, the workshop enhanced the problem-solving skills and entrepreneurial mindset of the participants.

3. Date: 20th February 2026

4. Expert's Name: Dr. B. Hemanth Kumar

5. Expert's Contact Number: 9766031642

6. Expert's Designation: Associate Professor

7. Expert's Organization: Mohan Babu University, Tirupati.

8. Student Participants number: 60

9. Faculty Participants number: 04

10. Photographs:



