



# PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

ADB Road, Surampalem, Near Peddapuram, Kakinada.Dist., A.P. – 533 437

(Approved by AICTE, Permanently Affiliated to JNTUK Kakinada & Accredited by NAAC with A+ Grade)

(Recognized by UGC Under Sections 2(f) and 12 (b) of UGC act, 1956)

Ph: 08852 – 252233, 252234, 252235 Fax: 08852 – 252232, website:www.pragati.ac.in

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## DEPARTMENT OF MECHANICAL ENGINEERING

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### CIRCULAR

Dt. 22.08.2026

The Robotics Club of the Department of Mechanical Engineering is organizing an event on **“Emerging Trends in Robotics”** on **22<sup>nd</sup> August 2026**. Interested students can attend the session.

Venue: Offline

Time: 02:00PM onwards

  
24/8/26.  
HoD-ME

- Copy to:
- 1) Circulate among students and staff
  - 2) Department Notice Board
  - 3) Department file
  - 4) Principal for Information



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### Activity Overview

**Branch:** Department of Mechanical Engineering.

**Title of the Event:** Department-Level Online Quiz on “Emerging Trends in Robotics”

**Organized by:** Robotics Club, Department of Mechanical Engineering.

**Date:** 26.08.2026

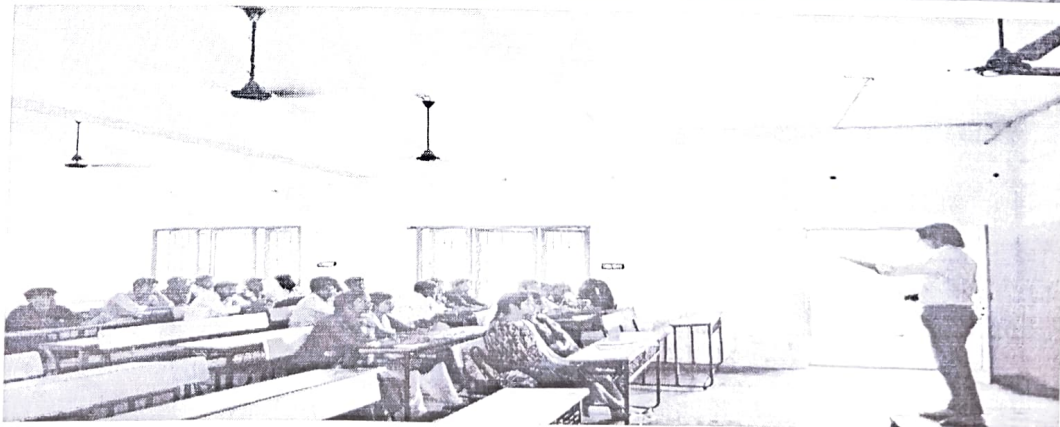
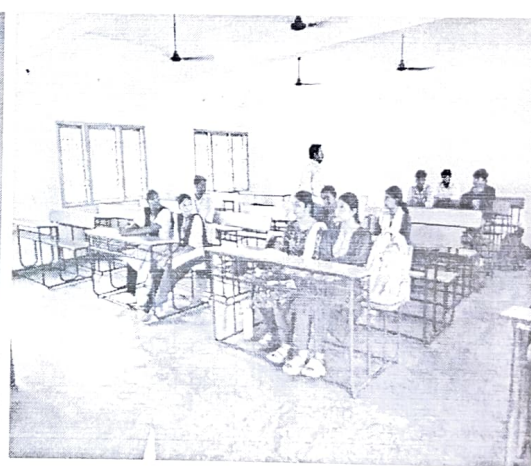
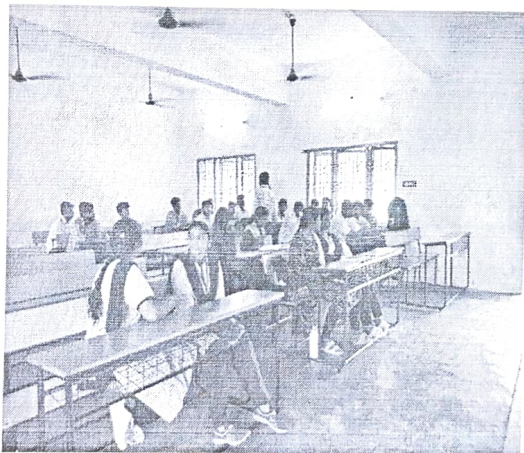
**Mode:** Offline.

**Participants:** II B.Tech Mechanical Engineering Students.

**Duration:** 90 Minutes.

### Department Level Event Report on “Emerging Trends in Robotics”

The Robotics Club organized an awareness and technical session titled “Emerging Trends in Robotics” for the second-year students of Mechanical Engineering on 26.08.2026 in the class room. The main objective of the program was to introduce students to the latest developments in robotics and to create awareness about the growing applications of robotics in various fields. The session provided students with an opportunity to understand how robotics is evolving with advancements in Artificial Intelligence, automation, sensors, computer vision, and autonomous systems.





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During the session, various emerging trends in robotics were discussed, including AI-powered robotics, humanoid robots, autonomous mobile robots, collaborative robots (cobots), healthcare robotics, drone and swarm robotics, soft robotics, robotic simulation, digital twins, and Generative AI in robotics. The students were also introduced to the applications of robotics in industries such as manufacturing, healthcare, agriculture, logistics, transportation, and disaster management. Practical demonstrations and examples were used to help students understand the working principles and real-world applications of modern robotic systems.

The session was interactive and students actively participated in the discussions, demonstrations, and question-and-answer session. The program helped students gain knowledge about current developments in robotics and encouraged them to explore innovative ideas and project opportunities in the field. It also provided awareness about the importance of programming, electronics, mechanical design, artificial intelligence, and automation skills for building modern robotic systems.

The activity successfully achieved its objective of creating interest and awareness among second-year students about the rapidly developing field of robotics. The students gained valuable exposure to current robotics technologies and their practical applications. The program motivated them to participate in Robotics Club activities, undertake robotics-based mini-projects, and develop the technical skills required for future academic and career opportunities in robotics and automation.

Faculty Coordinator

HOD-ME



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## DEPARTMENT OF MECHANICAL ENGINEERING

### II B.Tech I Sem Students Participation List

| S.No | Roll No    | Name                             |
|------|------------|----------------------------------|
| 1    | 25A31A0301 | Adari Geetha Sridevi Mahalakshmi |
| 2    | 25A31A0302 | Anaparthi Jahnavi                |
| 3    | 25A31A0304 | Chilukuri Pragya Sunanda         |
| 4    | 25A31A0306 | Jami Geethika                    |
| 5    | 25A31A0308 | Karri Sree Divya                 |
| 6    | 25A31A0309 | Rayudu Prasanna                  |
| 7    | 25A31A0311 | Akasapu Siva Ganesh              |
| 8    | 25A31A0313 | Aniseti Veerababu                |
| 9    | 25A31A0315 | Banka Mahesh                     |
| 10   | 25A31A0317 | Boyi Rajcharan                   |
| 11   | 25A31A0320 | Chevala Naresh                   |
| 12   | 25A31A0323 | Dasari Dwijesh Sai Chandra       |
| 13   | 25A31A0326 | Dusarlapudi Sharif Lakshman      |
| 14   | 25A31A0327 | Gathada Vivek                    |
| 15   | 25A31A0329 | Gulla Sanjay                     |
| 16   | 25A31A0330 | Jajimoggala Krishna Swamy        |
| 17   | 25A31A0333 | Kandula Jyotendra                |
| 18   | 25A31A0334 | Kankipati Hari Krishna           |
| 19   | 25A31A0336 | Karri Gangadhara Varma           |
| 20   | 25A31A0338 | Konisa Sivakumar                 |
| 21   | 25A31A0342 | Paka Sanjosh                     |
| 22   | 25A31A0344 | Pilla Hemanth Surya Durgesh      |
| 23   | 25A31A0345 | Pilli Venkata Sai Sandeep        |



Learning is Supreme Duty

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|    |            |                           |
|----|------------|---------------------------|
| 24 | 25A31A0346 | Pragada Saikiran          |
| 25 | 25A31A0347 | Punyamantula Bharath Teja |
| 26 | 25A31A0349 | Sappa Abhiram             |
| 27 | 25A31A0352 | Shaik Zaheer Ahamad       |
| 28 | 25A31A0355 | Sunkara Kiran Kumar       |
| 29 | 25A31A0358 | Vakada Vinukshram         |
| 30 | 25A31A0360 | Vanka Aravindh            |
| 31 | 25A31A0361 | Yenugupalli Charanteja    |

Dr. D. S. S. S.

Faculty Coordinator

Dr. D. S. S. S.

HoD-ME