



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

DEPARTMENT OF MECHANICAL ENGINEERING

Activity Overview

Branch: Department of Mechanical Engineering.

Title of the Event: Department-Level Online Quiz on "*Robotics in Artificial Intelligence*"

Organized by: Robotics Club, Department of Mechanical Engineering.

Date: 21.07.2026

Mode: Online.

Participants: II Year, III Year, and IV Year B.Tech Mechanical Engineering Students.

Number of Questions: 30 Multiple Choice Questions.

Duration: 30 Minutes.

Evaluation: Automatic Online Scoring.



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DEPARTMENT OF MECHANICAL ENGINEERING

Report on Department-Level Online Quiz on "Robotics in Artificial Intelligence"

The Robotics Club of the Department of Mechanical Engineering successfully organized a Department-Level Online Quiz Competition on the topic "Robotics in Artificial Intelligence" on 21st July 2026 for the II, III, and IV Year B.Tech Mechanical Engineering students. The event was conducted in online mode with the objective of creating awareness among students about the latest advancements in Robotics and Artificial Intelligence and their significant role in modern engineering, manufacturing, automation, and Industry 4.0. The quiz served as a platform to encourage students to strengthen their technical knowledge and develop an interest in emerging technologies that are transforming industrial practices.

The online quiz consisted of 30 multiple-choice questions covering various topics such as the fundamentals of robotics, artificial intelligence, robot components, sensors, actuators, machine learning, computer vision, autonomous robots, collaborative robots, reinforcement learning, robot navigation, industrial applications of robotics, and AI-based automation. The questions were designed to assess the conceptual understanding, analytical skills, and practical knowledge of the participants while encouraging self-learning and technical competency.

The event witnessed enthusiastic participation from students of the second, third, and fourth year Mechanical Engineering programs. The participants actively attempted the quiz and demonstrated a keen interest in understanding the concepts of Robotics and Artificial Intelligence. The online mode of conducting the quiz enabled smooth participation, automatic evaluation, and instant assessment of student's performance. The event also provided students with an opportunity to evaluate their knowledge and identify areas for further improvement in the rapidly evolving field of intelligent robotic systems.

The quiz successfully achieved its objectives by enhancing student's awareness of emerging technologies, promoting technical learning beyond the classroom, and motivating them to explore research and career opportunities in Robotics and Artificial Intelligence. The event strengthened the student's understanding of AI-enabled robotic systems and highlighted their applications in manufacturing industries, healthcare, agriculture, defense, space exploration, and smart automation. Overall, the Department-Level Online Quiz was conducted successfully, and the Department of Mechanical Engineering sincerely appreciates the active participation of all the students, the support of the faculty coordinators, and the dedicated efforts of the Robotics Club members in making the event informative, engaging, and successful.


Faculty Coordinator


HoD-ME



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Students Participation List

S.No	Roll No	Name of the Student	Year
1	25A31A0302	Anaparthi Jahnvi	II
2	25A31A0307	Kanda Raghava	II
3	25A31A0310	Yenduri Hansika Sri Lakshmi Durga	II
4	25A31A0314	Arigela Santhosh	II
5	25A31A0318	Chamarthi Satya Siva Rama Gopalakrishna	II
6	25A31A0319	Chappidi Bhaskra Surya Bhargav	II
7	25A31A0331	Kamireddi Madhu	II
8	25A31A0335	Kapavarapu Buchiraju	II
9	25A31A0341	Madaka Manohar	II
10	25A31A0342	Paka Sanjosh	II
11	25A31A0356	Totakura Sai Teja	II
12	25A31A0357	Turaka Raj Shekar	II
13	23A31A0302	Dandamudi Avanthi	III
14	23A31A0308	Alapana Manikanta	III
15	23A31A0316	Chadalavada Santhosh Kumar	III
16	23A31A0330	Mallula Hemanth	III
17	23A31A0331	Moyya Kiran Teja	III
18	23A31A0341	Pudi Eswar Prasanth	III
19	24A35A0307	Mandahari Bala Bhavani Shankar	III
20	24A35A0312	Reddi Hari Kiran Sri Sai Chakradhar	III
21	24A31A0304	Jonnakuti Naga Charishma	IV
22	24A31A0307	Kottala Rama Hasini	IV



Learning is Supreme Duty

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23	24A31A0318	Dadala Tony Isaac	IV
24	24A31A0320	D Panchajanya	IV
25	24A31A0321	Ganta Venkata Ramana	IV
26	24A31A0328	Juttuka Karthik Sri Ram	IV
27	24A31A0332	Karthik Dhanala	IV
28	24A31A0335	Kukkamudi Jaackk	IV
29	24A31A0339	Malladi Praveen	IV
30	24A31A0353	Puppala Akash	IV
31	24A31A0357	Vadaparthi Sivaramcharan	IV
32	25A35A0301	Kudipudi Ramya Sri Bhargavi	IV
33	25A35A0305	Laddika Utham Sai Pavan	IV
34	25A35A0307	Penaganti Akshay	IV

Faculty Coordinator

HoD-ME