

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

CIRCULAR

Dt. 17.09.2025

The Robotics Club of the Department of Mechanical Engineering is organizing an Online Session on **“Robot Programming”** on **19th September 2025 (A.N)**. Interested students can join the session through the link provided below.

Mode: Online through Google Meet

Link: meet.google.com/osp-cxfr-npg

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



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DEPARTMENT OF MECHANICAL ENGINEERING

Report on the Online Session on Robot Programming

Dt. 22.09.2025

As part of the Industry 4.0 Clubs, The Robotics Club of Pragati Engineering College organized an online session on 'Robot Programming' for students of 2nd, 3rd, and 4th years. The session, led by the faculty coordinator, aimed at providing foundational knowledge in robotics and programming techniques. The session covered the essential concepts related to robot control, programming languages, and practical applications of robotics in modern engineering. The primary session began with an explanation of what robotics is and why it is significant in the modern world. Robotics, as an interdisciplinary field, integrates computer science, mechanical engineering, and electrical engineering to create systems capable of performing tasks autonomously or semi-autonomously. The session also explored the evolution of robotics, from simple mechanical systems to the integration of advanced AI, machine learning, and Internet of Things (IoT) technologies. The future of robotics, particularly in industries like healthcare, manufacturing, and space exploration, was also discussed.

The secondary session focused on the practical aspects of robot programming, covering the tools, languages, and techniques required to program robots effectively. This session successfully introduced the students to the fundamental concepts of robotics and robot programming. By covering the theoretical knowledge, the session helped bridge the gap between the academic curriculum and industry practices. Students gained a deeper understanding of the tools, languages, and algorithms used in robotics, which will be valuable for their future studies and careers in the field.

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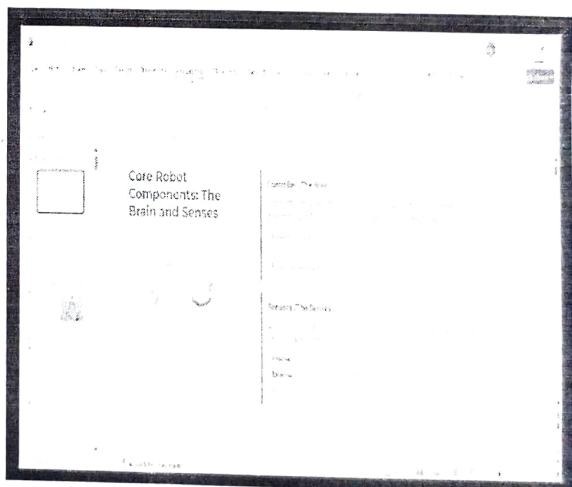
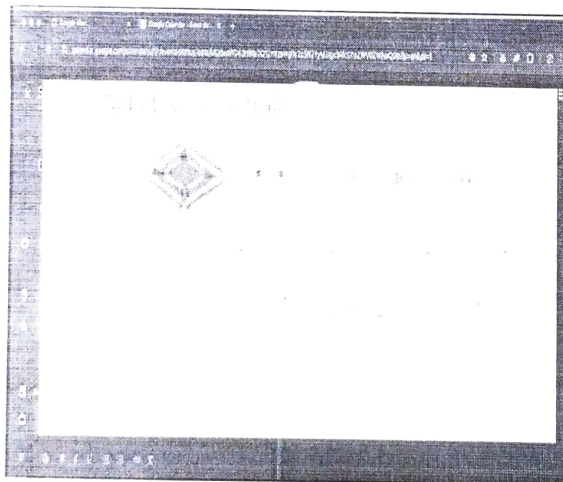
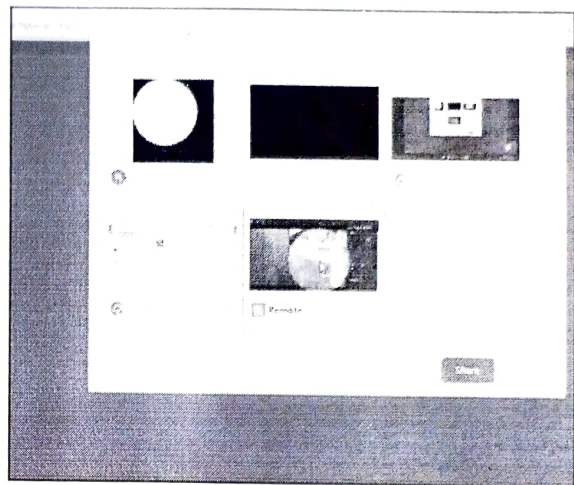
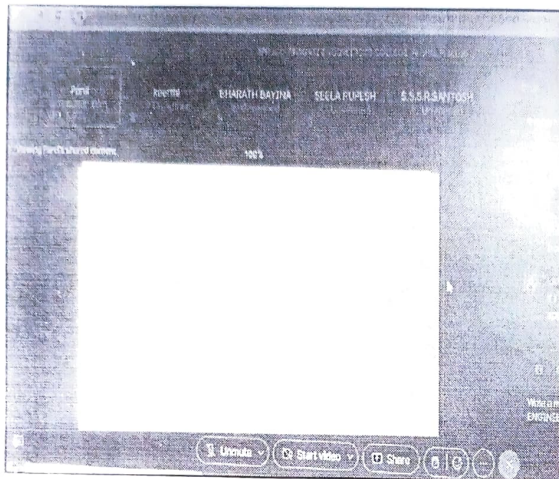
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04-10-2020
Faculty Coordinator



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DEPARTMENT OF MECHANICAL ENGINEERING

Students Participation List

Dt. 22.09.2025

S.No	Roll No	Name of the Student	Year
1	24A31A0307	Kottala Rama Hasini	II
2	24A31A0311	Vasireddy Siva Shivani	II
3	24A31A0314	Bonam Venkata Bhadra Rao	II
4	24A31A0318	Dadala Tony Isaac	II
5	24A31A0322	Gatta Sudhakar	II
6	24A31A0323	Goli Priyaramudu	II
7	24A31A0331	Kantreddy Nikhil	II
8	24A31A0334	Kothapalli Santosh Kumar	II
9	24A31A0335	Kukkamudi Jaackk	II
10	24A31A0336	Kundrapu Naga Veera Kumeswar	II
11	24A31A0342	Marukurthi Chaitanya Prakash	II
12	24A31A0343	Mellam Siddardha Teja	II
13	24A31A0347	Nangireddy John Vidya Sagar	II
14	24A31A0348	Nimmala Venkata Mothesh	II
15	24A31A0349	Pachipala Yuva Teja	II
16	25A35A0301	Kudipudi Ramya Sri Bhargavi	II
17	25A35A0303	Grandhi Venkata Sai Chandra Viswa Teja	II
18	25A35A0305	Laddika Utham Sai Pavan	II
19	25A35A0307	Penaganti Akshay	II
20	25A35A0308	Vanum Srirama Venkata Satya Karthik	II
21	23A31A0301	Bandi Sri Ramya	III
22	23A31A0303	Nagireddy Swapna	III

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S.No	Roll No	Name of the Student	Year
23	23A31A0306	Sana Yohanna	III
24	23A31A0309	Ankamreddy Vasanth Surya	III
25	23A31A0312	Bandaru B S D V Pothuraju	III
26	23A31A0313	Bejavada Sai Teja	III
27	23A31A0314	Bethi Manikya Vardhan	III
28	23A31A0319	Chundru Mohan Krishna	III
29	23A31A0320	Gandham Veerasai Subrahmanyam	III
30	23A31A0325	Kandirelli Veera Manikanta	III
31	23A31A0326	Katta Kameswara Rao	III
32	23A31A0333	Vulavala Bala Vamsikrishna	III
33	23A31A0334	Palivela Chaitanyakumar	III
34	23A31A0345	Sadanala Sivasai	III
35	23A31A0346	Siddireddi Naga Veerendra	III
36	24A35A0302	Dasam Lakshmi Narayana	III
37	24A35A0303	Douduri Divakar	III
38	24A35A0310	Palla Rishikesh	III
39	24A35A0311	Peethani Venkat Neelesh Kumar	III
40	24A35A0316	Tumuluri Deva Chandra Rao	III
41	22A31A0304	Badipati Siva Sai Kumar	IV
42	22A31A0307	Bokam Gangadhar	IV
43	22A31A0312	Ganta Ganga Siva Satyanarayana	IV
44	22A31A0316	Gundarapu Venkata Teja	IV
45	22A31A0319	Kamisetti Siva Srinivasa Manikanta Jogarao	IV
46	22A31A0323	Kasilanka Sri Pardha Vishnu Karthik	IV
47	22A31A0332	Moyilla Vinay	IV

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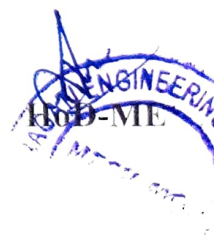
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S.No	Roll No	Name of the Student	Year
48	22A31A0339	Sangana Surya Abhishek	IV
49	22A31A0349	Abbireddy Uma Mahesh	IV
50	22A31A0354	Chekuri Satya Sai Siddhartha	IV
51	22A31A0357	Dune Satya Sudheer	IV
52	22A31A0364	Karri Adi Vishnu Siva Kumar	IV
53	22A31A0372	Medidi Sivannarayana	IV
54	22A31A0380	Pantham Sriram	IV
55	22A31A0388	Yejju Raja	IV
56	22A31A0396	Yarramneedi Vinayaka	IV
57	23A35A0305	Dolai Nitin Kumar	IV
58	23A35A0317	Chodipalli Sandeep	IV
59	23A35A0318	Dharmadi Prasanth	IV
60	23A35A0319	Dhavala Dinesh Kumar	IV
61	23A35A0324	Ramdev Adinarayana	IV


Faculty Coordinator


ENGINEERING
HOD-ME