



Engg College

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/ Polytechnic

# The Institution of Engineers (India)

(ESTABLISHED 1920, INCORPORATED BY ROYAL CHARTER 1935)

8 GOKHALE ROAD, KOLKATA – 700 020

## PROFORMA OF REPORT FROM STUDENTS' CHAPTER

(1 April 2025 - 31 March 2026)

**Name of Engineering/ Polytechnic college :** Ramco Institute of Technology**Branch of Engineering (for Engineering College only):** Mechanical Engineering**Chapter Code:** 626117/RIT/MC**Date of Last Enrolment of Students in Students' Chapter of IEI:** 10.02.2026**Name of Adviser with contact no and e-mail:** Mr. S. Valai Ganesh, Assistant Professor (Senior Grade), 9043489697, valai.ganesh@ritrjpm.ac.in

Please fill in the format given below. Extra sheets of paper indicating the details of various events be attached with the proforma. All technical activities and events conducted by the Chapter must be accompanied with the photographs taken on the event. Activity reports not complete or not supported by photographs shall not be considered for Award. Please provide the details of each activity (in M S Word) in a separate sheet, the prescribed proforma is provided herewith

**1. Date of Election : 08.08.2025****2. Date of AGM :09.08.2025**

Sl No	Technical Activity	No of activities per Quarter (Qtr)				Details with photograph in Page No (range) (From __ To __)
		Qtr 1	Qtr 2	Qtr 3	Qtr 4	
3.	Committee Meeting/s	✓	✓✓		✓	
4.	Lecture	✓				
	Paper presentation		✓			
5.	Seminar	✓			✓✓	
	Workshop	✓				
	Conference					
6.	Technical/Project Demonstration	✓			✓	
	Model competition					
	Poster Competition	✓	✓			
7.	Group Discussion			✓		
	Technical Quiz				✓	
	Aptitude Test		✓			
8.	Technical Visit					
9.	Film show		✓			
	Display of Technical Information		✓			
10.	Short term course (Course duration minimum 3 days)					
11.	Any other technical activity					

**Number of photographs attached.**

First Quarter \_\_\_\_\_

Second Quarter \_\_\_\_\_

Third Quarter \_\_\_\_\_

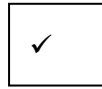
Fourth Quarter \_\_\_\_\_

\_\_\_\_\_  
Signature of the Faculty Advisor

with date affixed with seal

\_\_\_\_\_  
Signature of the Principal

with date affixed with seal



(Lecture/Paper presentation/Seminar/Workshop/Conference/Technical Project Demonstration/Model competition/Poster Competition/Group Discussion/Technical Quiz/Aptitude Test/Technical Visit/Film show/Display of Technical Information/Short term course)

**Title/Theme: Two-Day National Level Online Seminar on “Robotics and Internet of Things (IoRT): The Smart Integration” (Online Event)**

**Date :** 06.02.2026-07.02.2026 **Duration:** 02 days (07.00pm- 09.00pm IST)  
**No of Students Participated:** 122 Members Nationally

**Photographs with caption:**  
*(Activity reports not supported by photographs shall not be considered for award)*

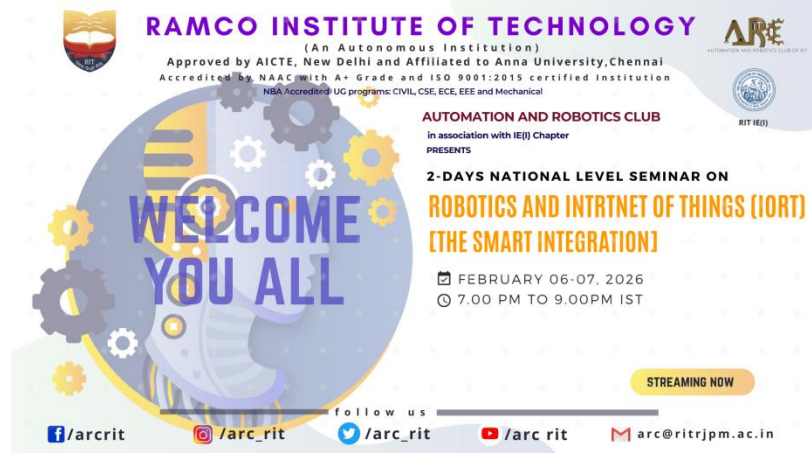


Fig. 1 Poster

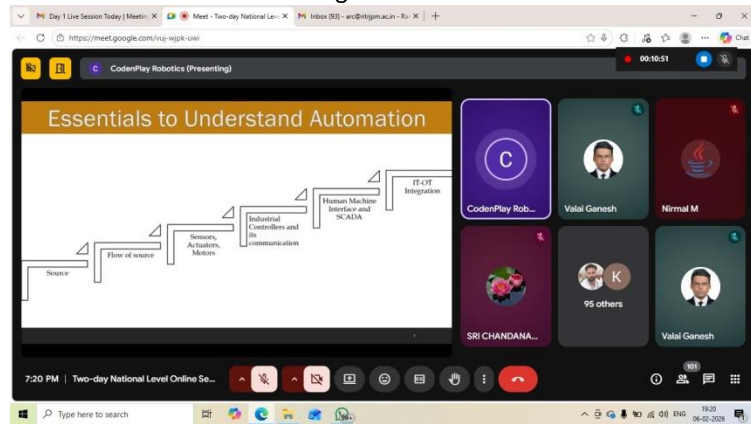


Fig. 2 Day-1 Glimpse

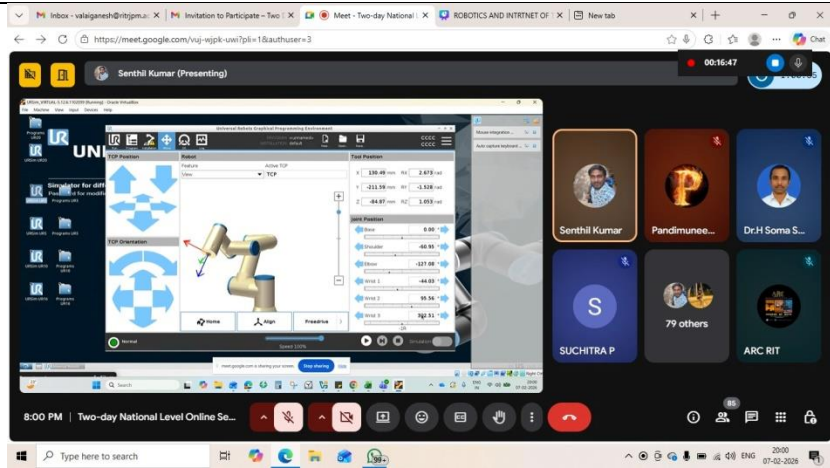


Fig. 3 Day-2 Glimpse

ROBOTICS AND INTRNET OF THINGS (IORT) Feb 07, 2026  
[THE SMART INTEGRATION]

# Event Report

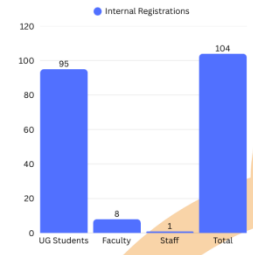
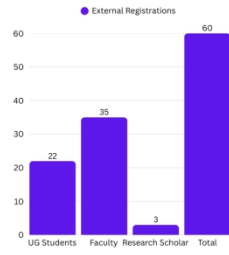
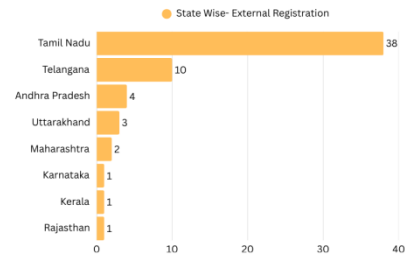


Fig.4 Participant Statistics

**Details:**

**Chief Guest/ Guest of Honor:** 1. Mr. P. Manikandan, Solution Architect, CodenPlay Robotics, Bengaluru  
2. Mr. Senthil Kumar Dhayalrajan , Senior Instructor – Industrial Robotics, Tata Indian Institute of Skills, Ahmedabad

**Speakers:** Nil

**Report**

*(maximum 250 words)*

The **Automation and Robotics Club (ARC)**, in association with the **IE(I) Chapter**, Ramco Institute of Technology, Rajapalayam, successfully organized a **Two Day National Level Online Seminar** titled **“Robotics and Internet of Things (IoRT): The Smart Integration”** on **06th and 07th February 2026**. The program was conducted in online mode with the objective of enhancing participants’ knowledge and skills in the rapidly evolving domains of **Robotics, Internet of Things (IoT), and Industry 4.0**.

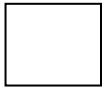
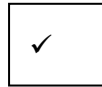
The seminar was designed to provide a balanced blend of **theoretical concepts, industrial insights, and practical exposure**. Participants included **faculty members, research scholars, undergraduate and postgraduate students, diploma students, and industry professionals** from various institutions across the country.

**Day 1** of the program focused on **Industry 4.0 and its applications**. The session was handled by **Mr. P. Manikandan, Solution Architect, Codenplay Robotics, Bengaluru**. The resource person explained the fundamentals of Industry 4.0, smart manufacturing systems, cyber-physical systems, IoT-enabled automation, data-driven decision-making, and their real-time industrial applications. The session also included demonstrations and discussions on IoT tools and platforms, enabling participants to understand how intelligent and connected systems are implemented in modern industries. Interactive question-and-answer sessions encouraged active participation and knowledge exchange.

**Day 2** of the seminar emphasized **Industrial Robotics and robot simulation techniques**. The session was delivered by **Mr. D. Senthil Kumar, Senior Instructor – Industrial Robotics, TATA Indian Institute of Skills, Ahmedabad**. The resource person introduced the concepts of industrial robots, robot kinematics, programming basics, and safety considerations. A hands-on demonstration using the **UR Robot Simulator** was conducted, where participants were guided through robot modeling, simulation, and basic operational tasks. This session provided valuable industry-oriented exposure and helped participants understand the practical aspects of robot simulation and automation workflows.

To ensure **outcome-based learning**, participants were required to submit **daily feedback forms** and appear for a **post-assessment test** consisting of multiple-choice questions. The assessment evaluated participants’ understanding of the concepts covered during both days. Based on their performance, participants were awarded **Elite, Silver, and Gold appreciation tags**, promoting motivation and academic excellence. Top performers were also offered **internship opportunities in Industrial Robots and Cobots** at Ramco Institute of Technology.

Overall, the program successfully achieved its objectives by fostering **technical awareness, practical exposure, and industry interaction**. The seminar strengthened the collaboration between academia and industry, enhanced participants’ employability skills, and contributed significantly to capacity building in the areas of **Robotics, IoT, and smart automation technologies**.




**Sample Certificate**



**Appreciation Certificate**



  
MR. S. VALAI GANESH  
AP(SG)/MECH/RTI  
Faculty Advisor  
IE(I)- MECH Student Chapter  
Ramco Institute of Technology  
Rajapalayam -626 117

Signature of the Faculty Advisor  
with date affixed with seal