

(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: Workshop on “MECHRITZ ’25 - Robotics in Industry 4.0: Yaskawa GP12 Masterclass” (Offline Event)

Date : 13.03.2025

Duration: 01 day (10.30 AM to 01.30 PM)

No of Students Participated: Polytechnic Students

Photographs with caption:

(Activity reports not supported by photographs shall not be considered for award)

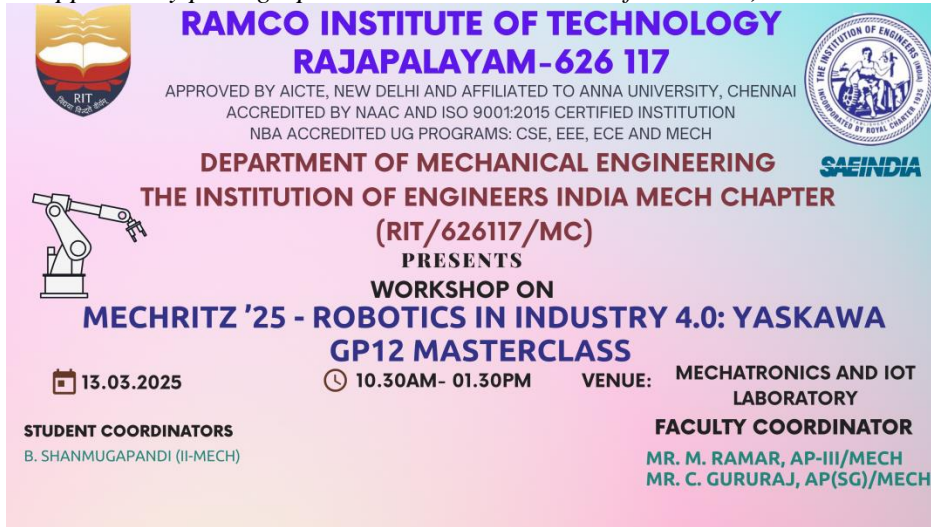


Fig. 1 Poster

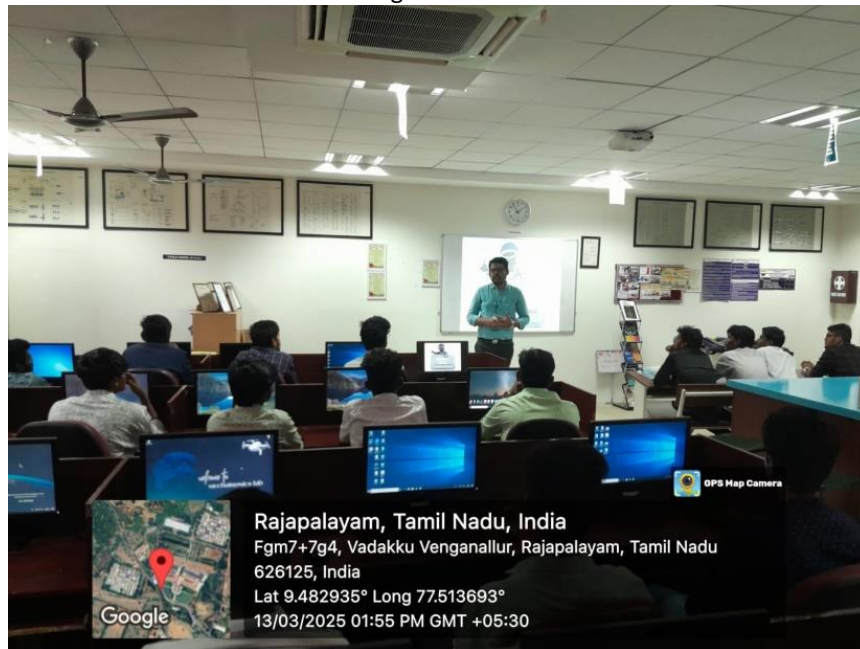


Fig. 2 Glimpses



Fig. 3 Glimpses

Details:**Chief Guest/ Guest of Honor:** Nil**Designation:** Nil**Speakers:** Mr. S. Valai Ganesh, AP(SG)/Mech/RIT**Report***(maximum 250 words)*

- The Department of Mechanical Engineering, in collaboration with SAEINDIA and the Institution of Engineers (India) Mechanical Chapter, organized a National-level workshop titled “MECHRITZ '25 - Robotics in Industry 4.0: Yaskawa GP12 Masterclass” on 13th and 14th March 2025. The workshop focused on exploring the revolutionary impact of robotics in the context of Industry 4.0, specifically highlighting the Yaskawa GP12 robot. This workshop aimed to provide participants with a comprehensive understanding of how robotics is transforming industrial operations and boosting efficiency.
- The event saw the participation of 55 second- and third-year diploma students from various polytechnic colleges across India. These students were introduced to advanced robotics concepts, with a particular emphasis on the Yaskawa GP12 robot, which is widely recognized for its precision and reliability in industrial automation. During the workshop, students were not only given theoretical knowledge but also practical demonstrations, allowing them to interact directly with the robot and observe its functionalities in real-time.
- Mr. S. Valai Ganesh, Assistant Professor (SG) in the Department of Mechanical Engineering, served as the resource person for the workshop. His expert knowledge and hands-on approach helped students grasp the technical aspects of robotics in a more engaging and practical manner. The workshop was meticulously coordinated by Mr. M. Ramar and Mr. C. Gururaj, both Assistant Professors (SG) in the Department of Mechanical Engineering. Their efforts ensured the smooth running of the event, which proved to be an excellent platform for students to enhance their technical skills and knowledge in the rapidly evolving field of robotics.



Engg College



/ Polytechnic



Certificate Sample:



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