

ABOUT RAMCO INSTITUTE OF TECHNOLOGY

Ramco Institute of Technology (RIT) was founded with a vision to impart high quality engineering education at an affordable cost by our founder Chairman Shri P. R. Ramasubrahmaneya Rajha. Under the able guidance of our present Chairman, Shri. P. R. Venkatrama Raja, distinguished professionals, academicians and industrial experts, we continually aim to revolutionize the learning environment by creating an enviable knowledge pool of engineering and technology graduates who are attuned to the current industry requirements. The academic excellence of RIT is recognized through NAAC accreditation and ISO 9001:2015 certification. Four programmes of RIT (CSE, EEE, ECE and Mechanical) are NBA accredited. Being part of the Ramco Group, which is well known for its qualitative and innovative brands not only in India but across the world, we are looked upon to set high standards in the education sector. The innovation ecosystem of RIT is strengthened through active functioning of the Institutions' Innovation Council, an initiative of the Ministry of Education, Government of India. Incubation facility at RIT supported by the Ministry of MSME under Innovative Scheme helps the innovators to scale-up their innovative ideas into products/services. True to its legacy, RIT has embarked on a mission to empower students with high-quality, accessible yet world-class engineering education and prepare these young minds for lifelong learning by creating and disseminating appropriate knowledge.

ABOUT DEPARTMENT

The Department of Mechanical Engineering, an NBA accredited department with research centre approved by Anna University offers an excellent teaching-learning environment with modern state-of-the-art facilities and well-experienced faculty members with expertise over a wide range of domain specialization. At present, it offers an undergraduate programme, B.E. in Mechanical Engineering with a sanctioned intake of 60 students. Vision of the department focuses to attain excellence in academic teaching and learning, research and extension activities. The areas of research focus include design, manufacturing, materials, thermal and renewable energy. The department emphasizes on modern laboratories to cater the needs of academic and research activities. It is well equipped with computational facilities and resources both in terms of hardware and software. State of art laboratory facilities are enriched further through Industry supported RIT-Harita laboratory, AICTE MODROB supported Mechatronics laboratory, Center of Excellence for Additive Manufacturing supported by Medsby Healthcare and Engineering Solutions. The department constantly facilitates students from other departments of the Institute as a gesture of support to their academic, co-curricular and research desires. Faculty members of the department are consistently receiving research grants from the funding agencies like DST, IE(I), TNSCST, IIT-RuTAG.

CONTACT US:

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RAMCO INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai
Accredited by NAAC and ISO 9001:2015 certified Institution

DEPARTMENT OF MECHANICAL ENGINEERING

NBA Accredited Program and Anna University Approved Research Center
in association with



Automation and Robotics Club IE(I) Mechanical Chapter (RIT/626117/MC)



Two- day State Level workshop on

MOTOMAN GP12 ROBOT



10-11 January 2024



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RIT MECHANICAL



mechanical-rit

Objectives

- To provide participants with comprehensive insights into the advanced features and programming techniques of this cutting-edge robotic system
- To provide participants with a comprehensive understanding of the robot's capabilities, programming languages, and real-world applications, ensuring they are well-prepared for the challenges in today's automated manufacturing environments.

Program Outline

- Understanding Motoman GP12 Robot
- Basic Programming Concepts
- Hands-On Lab - Basic Robot Operations
- Applications of Motoman GP12 Robot
- Hands-On Lab - Advanced Programming

Resource Persons

Experts from leading institutions, Industries and Faculties from RIT.

Our Facilities



Mechatronics Stations

PLCs with TIA Portal



Industrial Robot



Mavic Drone



NVIDIA Jetson Nano



Certified Professionals

Registration Form

Name of the Participant:

Designation: Student/Faculty/Research Scholar/
Others

Name of the Department:

Institution Name:

Address for Correspondence:

Contact Number:

e-mail:

Signature of the Participant

Forwarded and Recommended

Signature of the Head of the
Department/Institute

WHO CAN ATTEND



Students, Laboratory Assistants, Faculty Members from Engineering Institutions, Polytechnics and Research Scholars

IMPORTANT DATES

Last Date for Registration: 06 January 2024
Acceptance/Notification: 07 January 2024
Confirmation by Participants: 08 Jan., 2024

ORGANIZING COMMITTEE

CHIEF PATRON:

Shri Mr.P.R.Venketrama Raja
Chairman, Ramco Group

CHAIR:

Dr.L.Ganesan
Principal
Ramco Institute of Technology

CONVENER:

Dr.S.Rajakarunakaran
Vice Principal, Professor & Head
Department of Mechanical Engg.,

COORDINATOR:

Mr. S.Valai Ganesh
Assistant Professor(SG) / MECH
Ramco Institute of Technology
Contact Number: 9043489697

STAFF COORDINATOR:

Mr. C. Pandimuneeswaran, LT/MECH
+91 97896 04543

STUDENT COORDINATORS:

Mr. L. Saravanakumar, 82207 25510
Mr. V. Suryakumar, 84897 95491

Registration

Registration is compulsory for all the participants.
The registration is



600 for external members



300 for internal members

Beneficiary Name : Ramco Institute of Technology
Account Number : 104801000036500
IFSC Code : IOBA0001048
Bank Name : Indian Overseas Bank
Branch : Rajapalayam
MICR Code : 626020102