



**AICTE Training and Learning (ATAL) Sponsored
5-Days Workshop
on**

“Robotics”

05th – 09th January, 2021



Organized by

AICTE Training and Learning (ATAL) Academy

&

**Rajeev Gandhi Memorial College of Engineering and Technology
(Autonomous)**

Nandyal – 518501, Kurnool (Dt), Andhra Pradesh, INDIA

About AICTE's ATAL Programme :

AICTE Training and Learning (ATAL) Programme is an initiative by AICTE which aims at empowering faculty to achieve goals of Higher Education such as access, equity and quality. This programme is designed to fulfil the need to train the young generation in skill sector and having faculty & technicians to be trained in their respective disciplines. It was felt that Training with latest tools and technologies is vital to keeping an institute competitive and more productive. Training is required for increasing the knowledge and skills of students to make them more employable to acquire global competencies. It also transforms them to harmonize with society and most importantly to make them a good citizen of the country.

Objective of ATAL Academy:

- To set up an Academy which will plan and help in imparting quality technical education in the country
- To support technical institutions in fostering research, innovation and entrepreneurship through training
- To stress upon empowering technical teachers & technicians using Information & Communication Technology
- To utilize SWAYAM platform and other resource for the delivery of trainings.
- To provide a variety of opportunities for training and exchange of experiences. Such as workshops, Orientations, learning communities, peer mentoring and other faculty development programs.
- To support policy makers for incorporating training as per requirements

Course Content:

- Introduction to Robotics,
- Robotics Kinematics,
- Control Aspects for Robotic Manipulators
- Modelling and Simulation of Dynamic System,
- Building of Autonomous Robots,
- Mobile Robot Navigation, Path Planning,
- Adaptive Control of Robotic Systems,
- UAV: Dynamics and Control
- Advances in Robotics,

Target Audience:

AICTE approved Institutions-Faculty Members, Research Scholars, Master Research Students and Industry Professionals on payment basis.

Venue : Through Online mode

Esteemed Speakers:

Subject experts are invited from premier institution like IITs, NITs, IISc and other reputed research institutes, organisations /DRDO-CSIR Laboratory etc.

About Institute:

Rajeev Gandhi Memorial College of Engineering and Technology is an Autonomous institute accredited with NBA and NAAC with A+ was founded in the year 1995. It is located in a 32.04 acre sprawling campus on NH-40 at Nandyal, Kurnool (Dist), A.P. The institution runs with a motto of "EDUCATION FOR PEACE". RGM CET is a road of elegant educational journey, yet path-breaking in different dimensions. The institute is offering 05 UG Engineering and Technology (Bachelor of Technology) courses and 05 PG Engineering courses (Master of Technology) and 09 Doctoral Programs in various departments apart from MBA and MCA of JNT University, Anantapuramu.

Registration Link:

<https://atalacademy.aicte-india.org/login>

(All the interested candidates are required to register through AICTE website portal only.)

Course schedule: Every day 03 sessions

Session 1: 10:00 AM – 11:30 AM

Session 2: 12:00 PM – 1:30 PM

Session 3: 2:30 PM – 4:00 PM

Patron:

Dr. T. Jayachandra Prasad, Principal
Rajeev Gandhi Memorial College of Engineering and
Technology
Nandyal - 518501, India

Course Coordinator

Dr. P. V. Gopi Krishna Rao
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