

For Registration visit:
<https://www.aicte-india.org/atal>

Faculties, Research Scholars & PG Scholars from AICTE approved Technical Institutions and Participants from Industry can apply.

FACULTIES AT PROGRAMME

01. Dr.T.Ashokan, IIT-M
02. Dr. Somashekhar S. Hiremath, IIT-M
03. Dr. I.A. Palani, IIT Indore
04. Dr. M.Pradeep Kumar, Anna university
05. Dr.N.Sivashanmugam, NIT, Trichy
06. Dr. Vivekanandan, GCE, Salem
07. Dr.N.J.Vasa, IIT-M
08. Dr.R.Sivaramakrishnan, Anna University
09. Dr.B.R.Ramesh Babu, CIT
10. Dr.V.Dhinakaran,CIT, Chennai

COLLEGE COMMITTEE

CHIEF PATRON

Shri.P.Sriram, Chairman, Chennai Institute of Technology.

PATRONS

Shri.P.Janakiram, Vice Chairman, Chennai Institute of Technology
Smt.S.Sridevi, Secretary, Chennai Institute of Technology

CO-PATRONS

Dr.A.Ramesh, Principal, Chennai Institute of Technology
Dr.P.Partheeban, Dean (P&D), Chennai Institute of Technology

ORGANIZING SECRETARY

Dr.B.R.Ramesh Babu, Professor, Dept. of Mechanical Engg.
Dr.V.Dhinakaran, Associate Professor, Dept. of Mechanical Engg.

IMPORTANT DATES:

Last Date for Registration: 21.08.2020

Intimation of Acceptance : 22.08.2020

For more communication:

Dr.V.Dhinakaran

Associate Professor, Mechanical Engg.,
Chennai Institute of Technology,
Sarathy Nagar, Kundrathur, Chennai,
Tamilnadu, India, Pin: 600069.

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CHENNAI
INSTITUTE OF TECHNOLOGY

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Department of Mechanical Engineering
organizes

**AICTE SPONSORED
ATAL Online FDP
ON
ROBOTICS**

Date: 24-28 August 2020

Coordinators

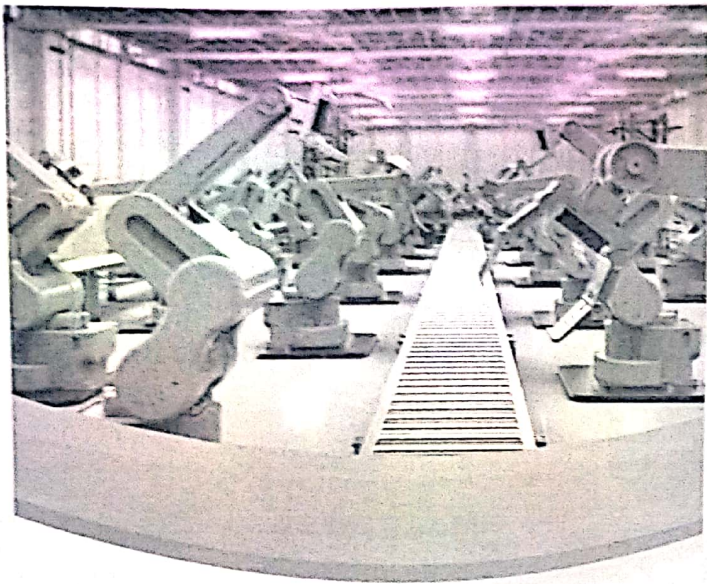
Dr B.R. Ramesh Babu

Dr. V. Dhinakaran


PRINCIPAL

G. Narayanamma Institute of
Technology & Science (for women)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104





ABOUT THE FDP

The AICTE Sponsored ATAL Online FDP on Robotics is scheduled during 24-28, August 2020 at Chennai Institute of Technology. The five day long online course is a free course meant for faculty members working in Engineering Colleges and Polytechnic colleges. The experts in the field of Robotics from leading academic institutions as well as practicing engineers from the industries going to deliver the different sessions of the course. This course can benefit both the new engineering faculty members, going to handle the course on Robotics as well as for the experienced faculty members wish to enhance their subject knowledge. The Chennai Institute of Technology going to organize online practical sessions with the help of working industrial Robots, manipulators and accessories. Such sessions will be highly required for academicians to enhance their subject knowledge.

Topics to be covered in conference:

- Applications of Robots
- Industrial Robots and their capabilities
- Types of Grippers
- Robotic Drives
- Sensors and Transducers
- Robotic Programming
- Robots in Domestic applications
- Industrial Automation

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DEPARTMENT OF MECHANICAL ENGINEERING

VISION

To Excel in the emerging areas of Mechanical Engineering by imparting knowledge, relevant practices and inculcating human values to transform the students as potential resources to cater to the needs of the industries and society in order to uphold the sustained manufacturing activities.

MISSION

- To provide strong fundamentals and technical skills in Mechanical Engineering through effective teaching-learning Methodologies.
- To transform the lives of the students by fostering ethical values, creativity, and innovation to become Entrepreneurs and establish Start-ups.
- To habituate the students to focus on sustainable resources with optimal usage to ensure the welfare of the society.
- To provide an ambience for research through collaborations with industry and academia.
- To inculcate learning of emerging technologies for pursuing higher studies leading to lifelong learning.

ABOUT THE DEPARTMENT

Mechanical engineering is the discipline that applies engineering, physics, engineering mathematics, and materials science principles to design, analyze, manufacture, and maintain mechanical systems. It is one of the oldest and broadest of the engineering disciplines. The mechanical engineering field requires an understanding of core areas including mechanics, dynamics, thermodynamics, materials science, structural analysis, and electricity. In addition to these core principles, mechanical engineers use tools such as computer-aided design (CAD), computer-aided manufacturing (CAM), and product life cycle management to design and analyze manufacturing plants, industrial equipment and machinery, heating and cooling systems, transport systems, aircraft, watercraft, robotics, medical devices, weapons, and others.

ABOUT THE INSTITUTION

Chennai Institute of Technology (CIT), established with the objective of providing quality technical education with adequate industrial exposure, caters to the needs of the youth with its innovative teaching methods. Shri.P.Sriram, a successful first generation entrepreneur in the metro for the past two decades and his expertise in the industry enhanced his thirst for establishing a technical educational institution under the banner of Chennai Institute of Technology. The campus is 155 Mbps wi-fi enabled with highly sophisticated equipment, state-of-the-art laboratories. CIT is equipped with spacious and ventilated classrooms, laboratories with latest high configured equipment, digitalized central library with above 18000 volumes of books, National and International journals and periodicals. CIT offers Ten Under Graduate Courses and Three Post Graduate Courses.

The institution thrusts on imparting the employability skill among the students in order to bridge the gap between the institution and Industries. In order to equip the students with the current industrial skill set, CIT has established different training centres and Centre of Excellences such as, CIT – KUKA Industrial Robotics Training Centre, in association with KUKA, Germany, CIT-Mobotics Mobile Centre of Excellence - India's 1st Mobile Apps Development Centre, CIT – Accurate Calibration Centre - Centre of Excellence in CMM and Measurements, CIT Skill Development Centre affiliated to ASDC, Govt. of India, CIT - MK Auto Research Centre etc.





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(AUTONOMOUS)
 Shaikpet, Hyderabad - 500104

Department: Mechanical Engineering

2020-21

REPORT

FDP on "ROBOTICS"

Date of program: 24-08-2020 to 28-08-2020

Resource persons: 1) Dr.B.R Ramesh Babu, Prof, Department of Mechanical Engineering,

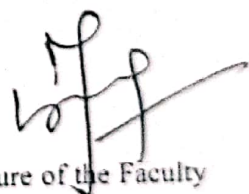
Chennai institute of technology.

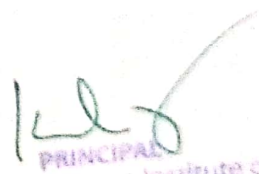
2) Dr.V Dhinakaram, Assoc,Prof, Department of Mechanical Engineering,

Chennai institute of technology.

About the Program: In this FDP we learned Applications of Robots , Industrial Robots and their capabilities, Types of Grippers , Robotic Drives, sensors and Trasducers, Robotic Programming, Robots in Domestic applications, and Industrial Automation

member


 Signature of the Faculty


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