



DEPARTMENT OF INSTRUMENTATION AND CONTROL ENGINEERING
NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI



is organizing

5-Day Online Workshop

on

Recent Advances in Control and Instrumentation Design Techniques of Robotic Systems

27th to 31st October, 2023

The Institute

National Institute of Technology, Tiruchirappalli is one of the premier institutes in India. It was established in the year 1964 to cater to the growing need for technological manpower of the nation. It ranks first among all the NITs in the country based on the National Institutional Ranking Framework (NIRF). It offers 10 undergraduate and 23 postgraduate programmes in various disciplines of Engineering, Science, Architecture and Management.

The Department

The Department of Instrumentation and Control Engineering is inter-disciplinary in nature. It offers B.Tech. in Instrumentation and Control Engineering as well as M.Tech. in Industrial Automation. It also offers M.Tech. in Process Control and Instrumentation jointly with the Department of Chemical Engineering as well as M.S. and Ph.D. in various fields of Instrumentation and Control Engineering. The teaching and research carried out in the department has a broad spectrum covering many significant fields of Engineering and Technology.

The Workshop

Robotics is an inter-disciplinary field. This workshop is an opportunity for those who are interested in this field to have an exposure to the relevant topics and resources related to Robotics from experts working across the country. It mainly focusses on the Control and Instrumentation aspects of Robotic Systems.

Contents

- Modeling of Robotic Systems
- Control Design Techniques
- Mobile Robot Manipulation
- Spherical Robot Navigation
- Mechatronics
- Sensors and Actuators
- Measurement Techniques
- Electronic Instrumentation
- Modern Interfacing Techniques

Resource Persons

Eminent speakers from IITs, NITs, IIITs and Industries.

Registration Fee

Students	₹ 500
Faculty Members	₹ 750
Industry Professionals	₹ 1000

Registration Fee Payment

SBI Collect > Educational Institutions > CONFERENCE AND WORKSHOP NIT TRICHY > ICERKS CIDTRS 2023

Registration Form: forms.gle/LusHfsMMfSigg7VQ9

Last Date of Registration: 23rd October, 2023

Coordinators

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