



WORKSHOP

On

NUCLEAR CONTROL AND INSTRUMENTATION ENGINEERING

27th – 31st January 2020

**Coordinators
Dr.M.Umapathy
Dr. G. Uma
Dr.A.P.Tiwari
Dr. Karl Marx L. R**



Organized by

**DEPARTMENT
OF
INSTRUMENTATION & CONTROL ENGINEERING
NATIONAL INSTITUTE OF TECHNOLOGY
TIRUCHIRAPPALLI - 620 015
Tamil Nadu, India**

Email: guma@nitt.edu, lrkarlmarx@tce.edu

ABOUT THE INSTITUTE

The National Institute of Technology, Tiruchirappalli (NITT), formerly Regional Engineering College, Tiruchirappalli, is a public engineering and technology institute, located 20 km away from the city of Tiruchirappalli, Tamil Nadu, India. The institute was established in the year 1964 to cater to the country's growing need for technological manpower. More than 6,000 students are enrolled in various undergraduate and postgraduate programmes in the institute. NIT Trichy retained its 1st position among the 31 NITs in the country based on the NIRF 2019 ranking released by MHRD, Government of India. More details at <http://www.nitt.edu>.

ABOUT THE DEPARTMENT

The Department of Instrumentation and Control Engineering (ICE) is interdisciplinary in nature. It has vibrant faculty members with research and teaching interests that cover a broad range of fields. The department offers B. Tech. Programme in Instrumentation and Control Engineering, M. Tech. Programme in Process Control and Instrumentation jointly with the Department of Chemical Engineering and research programmes (M.S. and Ph.D.) in the various fields of Instrumentation and Control Engineering. The department with its state-of-the-art laboratories has obtained various funded projects from government/private organizations and renowned industries.

THE SPARC & ITS OBJECTIVES

Scheme for Promotion of Academic and Research Collaboration (SPARC) aims at improving the research ecosystem of India's higher educational institutions by facilitating academic and research collaborations between Indian institutions and the best institutions in the world from 28 selected nations to jointly solve problems of national and international relevance. The major outcome of the SPARC initiative will be strong research collaboration between Indian research groups with best-in class faculty and renowned research group in the leading universities of the world, in areas that are at the cutting edge of science or with direct social relevance to the mankind, specifically of India.

COURSE CONTENT AND RESOURCE PERSONS

Modelling and control of nuclear reactors, nuclear instrumentation, resonant based sensors and energy harvesting with storage.

- ❖ Prof. Guido Herrmann, The University of Manchester, Manchester, UK
- ❖ Dr. A.P Tiwari, Outstanding Scientist & Head, Human Resource Development Division, BARC; Senior Professor at Homi Bhabha National Institute, Mumbai.
- ❖ Dr. SR Shimjith, Scientific Officer, BARC, Mumbai
- ❖ Prof. Tom Scott, University of Bristol, Bristol, UK
- ❖ Shri. S. Sridhar, Associate Director(I&C and Computer Based system), Bharat Vidyut Nigam Limited, Kalpakkam
- ❖ Dr. N. Suriya Murthy, Scientific Officer|, Indira Gandhi Centre for Atomic Research Department of Atomic Energy|, Kalpakkam.
- ❖ Dr. Suresh Kaluvan, Research Associate, University of Bristol, Bristol, UK
- ❖ Mr. Gordon Robson Mackenzie, University of Bristol, Bristol, UK

REGISTRATION FEE

Faculty from Academic Institutions	: Rs. 4000/-
Participants from R&D organizations and Industries	: Rs 5000/-
Students from academic institutions	: Rs 2500/-

The registration fee must be paid through DD drawn in favour of “**The Director, NIT Tiruchirappalli-620015**”, payable at SBI, NIT, Tiruchirappalli (code 1617).

ACCOMMODATION

Accommodation will be provided in the institute guest house on payment basis.

ELIGIBILITY

The programme is open to all the Engineering faculty and students of AICTE approved institutions. Engineers and Scientists working in R&D organizations, practicing engineers from industry are also eligible to participate.



WORKSHOP
On
NUCLEAR CONTROL AND INSTRUMENTATION ENGINEERING
27th – 31st January 2020
REGISTRATION FORM

1. Name of the participant :
2. Gender : M/F
3. Designation and Department :
4. Institution :
5. Address for correspondence :
6. Phone/ Mobile :
E-mail :
8. Accommodation Required : Yes/ No

Place:

Signature

Date:

SPONSORSHIP CERTIFICATE

Dr./Mr/Mrs/Ms _____ department of _____
_____ is an employee of our institute/ organization and is hereby sponsored to participate in the WORKSHOP On NUCLEAR CONTROL AND INSTRUMENTATION ENGINEERING” at NIT, Tiruchirapalli-15 during 27th – 31st January 2020.

Place:

Signature of Head of the Institution
(with Seal)

Date:

Mail your registration forms to:

The Coordinators

Department of Instrumentation and Control Engineering

National Institute of Technology, Tiruchirapalli-15

Email: guma@nitt.edu, umapathy@nitt.edu

Phone numbers: 0431-2503353, 2503358, 09443013136

IMPORTANT DATE

Last date for Receipt of application: 23-01-2020