



ONE WEEK
TEQIP-III SPONSORED
ONLINE SHORT TERM
COURSE
(e-STC)



EXPLORATORY APPLICATIONS OF CONTROL AND INSTRUMENTATION (EACI-20)



Chief- Patron
Dr. L. K. Awasthi
Director NITJ

September 26-30, 2020



Patron
Dr. R. K. Singla
HOD ICE



Convener
Dr. Amit Kumar Singh
Assistant Professor ICE



Coordinator
Dr. Karan Veer
Assistant Professor ICE



Coordinator
Dr. Ravi Verma
Assistant Professor ICE



Organized by
Department of Instrumentation & Control Engineering
Dr. B. R. Ambedkar National Institute of Technology,
Jalandhar

For Registration: Click the Link below or Scan QR code
<https://forms.gle/qksXhEyaN48bKLF19>

- Prior registration is mandatory to attend STC.
- E-certificate will be issued to the participants on successful participation of the course.
- Webinar meeting link and other instructions will be shared via e-mail to all registered participants.



About NIT, Jalandhar

Dr B R Ambedkar National Institute of Technology Jalandhar is among the 31 NITs established by Ministry of HRD, Government of India. The institute came into existence in the year 1987 (earlier Regional Engineering College, Jalandhar) and obtained the status "Institute of National Importance" by Act of Parliament 2007. The institute is offering B. Tech. programme in various disciplines such as Computer Science and Engineering, Electronics and Communication Engineering, Instrumentation and Control Engineering, Mechanical Engineering, Civil Engineering, Textile Technology, Biotechnology, Chemical Engineering, and Industrial and Production Engineering. In addition to that, the institute offers M. Sc. programmes in Mathematics, Physics and Chemistry, M.Tech. programmes in all the Engineering departments, and Ph.D. programmes in various disciplines.

About Department of Instrumentation and Control Engineering

The Department of Instrumentation and Control Engineering commenced its Bachelor of Technology (B. Tech.) degree programme in 1990, M Tech (Full Time) Degree Programme in Control & Instrumentation Engineering w.e.f. July, 2006 and M Tech (Part-Time) Programme w.e.f. July, 2010. The Ph.D. Programme has also been offered since 2005 in various disciplines of Instrumentation and Control Engineering. This department has 15 regular faculties. Research in the department is at the leading-edge of technological innovations and encompasses all major areas of Instrumentation and Control Engineering. The department has unique research facilities that enable leading-edge research in many areas such as Computer Vision, Process Optimization, Renewable Energy, Robotics and Automation, Process Control, Biomedical Instrumentation, Sensors and Wireless Networking and Intelligent Control Systems. These facilities provide an excellent opportunity for graduate students and research scholars to be trained and gain valuable experience. The Department is consolidating its efforts to promote industrial research and consultancy in relevant areas.

Objectives of the Course:

This program will educate the participants about the recent concepts of Control theory and applications. Also, it will be highly useful in order to exchange ideas, knowledge, skill and experience among participants and experts relevant to the STC contents. This program will provide in depth coverage of various topics like modern control systems, Applications of soft computing in industrial and medical applications, Instrumentation System and Devices, Biomedical instrumentation, Digital System Design and Embedded systems etc.

Eminent Speakers:

**Prof. I. N. Kar,
Professor,
IIT Delhi**

**Dr. Barjeev Tyagi
Professor
IIT Roorkee**

**Prof. Vijander Singh,
Professor
NSUT, Delhi**

**Prof. Pragati Kumar,
Professor,
DTU Delhi**

**Prof. Asha Rani,
Professor
NSUT Delhi**

**Dr. Vishal kumar
Associate Professor
IIT Roorkee**

**Dr. Bharat Bhusan,
Associate Professor
NIT Hamirpur**

Organizing Committee:

**Dr. Amit Kumar Singh
Convener**

**Dr. Karan Veer
Coordinator**

**Dr. Ravi Verma
Coordinator**

For any query regarding STC feel free to contact us at:

Email: singhak@nitj.ac.in, veerk@nitj.ac.in, vermaravi@nitj.ac.in

Mobile No.: +919286501979, +919418003227, +919996242987