

ORGANIZING COMMITTEE

Chief Patron

Professor Lalit Kumar Awasthi
Director, NIT Jalandhar



Convener

Dr. Ramesh Kumar Sunkaria
Head of department
ECE, NIT Jalandhar



Coordinator(s)

Dr. Tarun Chaudhary
Assistant Professor
Department of ECE

Dr. Manjeet Singh
Assistant Professor
Department of ECE



REGISTRATION FORM

Dr B R Ambedkar
National Institute of Technology
Jalandhar - 144011, Punjab

Short Term Course
on
Low Power VLSI Design for
Communication Systems and
Networks (LVCSN'20)

(September 16th – 20th ,2020)
(One Week Duration)

HOW TO APPLY

Registration can be done using
Google form link below:

<https://tinyurl.com/y2qcbal8>

Important Dates:

LAST DATE OF REGISTRATION

15.09.2020

REPORTING DATE AND TIME

16.09.2020
11:00 AM

No Registration fees

TEQIP-III Sponsored

Short Term Course
on

Low Power
VLSI Design for
Communication
Systems and
Networks



Organized by
Department of Electronics and
Communication

Dr B R Ambedkar National Institute of
Technology Jalandhar – 144 011, Punjab

www.nitj.ac.in

ABOUT NIT JALANDHAR

Dr. B. R. Ambedkar National Institute of Technology, Jalandhar was established in the year 1987 as Regional Engineering College and attained the status of National Institute of Technology on October 17, 2002. As National Institute of Technology, the Institute has a responsibility of providing high quality technical education in Engineering and Technology to produce competent technical manpower for the country. The Institute offers B. Tech. Programmes in twelve disciplines of Engineering and Technology along with the Research Programmes leading to M. Sc., M. Tech. and Ph. D. degrees. The Institute has signed Memorandum of Understanding (MoU) with many prestigious Institutes such as Ecole Centrale de Lille, France, University of Johannesburg, South Africa, along with other Universities abroad including UK, USA and Canada for the mutual academic exchange program and further strengthening of the academics and research.

ABOUT THE DEPARTMENT

The Department of Electronics and Communication Engineering offers B. Tech in Electronics and Communication Engineering, two full time MTech program in Electronics and Communication Engineering and VLSI Design. Department also offers the Doctoral programs in the field of Communication, VLSI Design and Bio-Medical Engineering. The department has established state of-art laboratories with sophisticated equipment's for undergraduate, post graduate and Ph.D. research work. The department has an advanced VLSI lab sponsored by Ministry

of Communication and IT under SMDP-C2SD and Medical Imaging and Computational Modelling of Physiological Systems Lab. In the VLSI lab Cadence, Mentor graphic, Synopsys, and Xilinx softwares are available for synthesis /simulation work.

OBJECTIVE OF THE COURSE

Low Power VLSI Design has significantly evolved modern electronic industry and state of the art system design. There is of great need for manpower training in the area of nanoelectronics for integrated technology. This STC also defines critical problems of electronics system design with reduced power in the field of communication systems and networking area. The recent topics related to blockchain and IoT will also be covered to enhance the knowledge of participants in these research areas. During this programme the scientists, academicians and industry persons in their respective areas of expertise will discuss the current scenario on novel semiconductor devices and their applications used in current trends of research in communication and others field as well. Our experts will also share their views regarding latest communication techniques and their advanced applications.

IMPORTANT DATES

Last Date of Registration: 15/09/2020

VENUE: Google meet

CONTACT PERSON

Dr. Tarun Chaudhary

Mobile: 9882317701

Email id: chaudharyt@nitj.ac.in

Dr. Manjeet Singh

Mobile: 9882744651

Email id: singhm@nitj.ac.in

Eminent Speakers

Dr. Jyotindra Singh Sahambi

Professor, IIT Ropar

Email: jsahambi@iitrpr.ac.in

Dr Brajesh Kumar Kaushik

Associate Professor, IIT Roorkee

Email: brajesh.kaushik@ece.iitr.ac.in

Dr. R.K. Sharma

Professor, NIT Kurukshtra

Email: rksharma@nitkkr.ac.in

Dr. Alpana Agarwal

Professor, TIET Patiala

Email: alpana@thapar.edu

Dr Ashok Kumar

Associate Professor, NIT Hamirpur

Email: ashok@nith.ac.in

Dr. (Mrs.) Gargi Khanna

Associate Professor, NIT Hamirpur

Email: gargikhanna20@gmail.com

Dr. Balwinder Raj

Associate Professor, NITTTR, Chandigarh

Email: balwinderraj@nitttrchd.ac.in

Dr. Meenakshi Sood

Associate Professor, NITTTR, Chandigarh

Email: meenakshi@nitttrchd.ac.in

Dr. Satinder Kumar Sharma

Associate Professor, IIT Mandi

Email: satinder@iitmandi.ac.in

Dr. Shubhajit Roy Chowdhury

Associate Professor, IIT Mandi

Email: src@iitmandi.ac.in