PATRON

Prof. Shyam Lal Soni
(Director, NIT Uttarakhand)

CONVENERS

Dr. Ghanapriya Singh
Dr. Hariharan Muthusamy

COORDINATORS

Mr. Vivek Kumar
Mr. Nitanshu Chahuhan

MEMBERS

Dr. Tajinder Singh Arora

Dr. Siva Kr .Tadepalli   **Dr. Sarika Pal**

Dr. Pankaj Kr. Pal   **Dr. Tushar Goel**

Mr. Hemant Kr. Singhal   Ms. Sarita Yadav

SPEAKERS

Experts from IITs, ISRO and reputed industries

CONTACT

Mr. Vivek Kumar
Trainee Teacher
Department of Electronics Engineering
NIT Uttarakhand, Srinagar Garhwal
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Mobile-7895759350

ABOUT NIT UTTARAKHAND

National Institute of Technology Uttarakhand is located in the hilly terrain of Srinagar, Pauri Garhwal, Uttarakhand. NIT Uttarakhand was established in 2009 under the Act of Parliament of India by the Ministry of Human Resource Development and designated with the status of "Institute of National Importance". Currently, NIT Uttarakhand is functional from two campuses i.e. Parent campus at Srinagar, Pauri Garhwal and Satellite campus at MNIT Jaipur.

Department of Electronics Engineering

Department of Electronics Engineering (EC) was established in the year 2010. The department offers Undergraduate(UG), Postgraduate(PG) and Ph.D. degree programs that provide students with the knowledge and tools they need to succeed in the Electronics and Communication Engineering. Research in the department focuses on high-impact various disciplines: Signal and Image Processing, Microwave antennas, Optical communication, VLSI technologies. Our faculty brings state-of-the-art research, development, and design experience into the classroom, ensuring that our students and alumni are able to apply for registration as professional engineers in all part of global engineering and the scientific community.

TEQIP III

(Technical Education Quality Improvement Programme - III)

One Week Short Term Course

On

Research trends in frontier areas of Electronics and Communication in Industry and Academia

(16th - 20th September 2019)

INTRODUCTION

A short term course is designed to provide an overview on research trends in frontier areas of electronics and communication engineering. Eminent speakers from top notch Industries and Academia are invited for the same. The course shall be offered from 16th -20th September 2019, in the Department of Electronics Engineering, NIT Uttarakhand, Satellite Campus at MNIT Jaipur. It is sponsored by the TEQIP III.

OBJECTIVE

This Short Term Course (STC) is mainly designed for providing an overview of emerging research areas in Electronics and Communication to the UG and PG students. This STC shall help students to choose their research path for higher studies. It shall also act as a platform for the UG and PG students to interact with renowned academicians, experts from R&D institution and reputed industries to obtain career guidance. This course aims to address the research trends in following domains:

- ➢ Signal Processing and Machine Learning
- ➢ Integrated Circuits
- ➢ Fabrication and Characterization of Nanoscale Devices
- ➢ Modeling and simulation of Nanoscale Devices
- ➢ Wireless Communication

PROSPECTIVE PARTICIPANTS

This STC is open for participants from academic Institution mainly for undergraduate and post graduate students. Number of participants for the course are limited to fifty.

REGISTRATION DETAILS

- ➢ There is **no registration fee for participants from TEQIP III institution** .
- ➢ Registration Fee Rs. 500 will be charged from participants other than TEQIP III institution.
- ➢ No TA/DA will be paid to any participant.
- ➢ Participants will have to make their own stay arrangement during the five days.
- ➢ Facility for spot registration is also available.

For Online payment the NIT UK Bank account details are given:

A/C Name:- National Institute of Technology Uttarakhand
Bank Name:-SBI, Srinagar-Garhwal
A/C No:-37530566069
IFSC Code:-SBIN0003181

Filled registration form may be emailed to **vivek.kumar@nituk.ac.in.**

REGISTRATION FORM

TEQIP III One Week Short Term Course On
Research trends in frontier areas of Electronics and Communication in Industry and Academia
(16th - 20th September 2019)

1. Full Name ………………………………..

2. Designation ……………………………..

3. Organization …………………………..

4. Academic Qualification ………………..

5. Age ……………6. Gender (M/F)……....

7. Mailing address ………………………….
……………………………………………….

8. Email …………………………………....

9. Phone/Mobile ……………………………

Place :   **Signature of applicant**

Authorized Signature with seal