Five-day E-workshop
On
Intelligent Device Computing, Communication and Signal Processing 2.0
June 03-07, 2024
Registration form
(Last date of registration: May 30, 2024)

Name:………………………………………………..

Designation:…………………………………………

Organization:

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Gender: M……….   F……….

Address of communication:

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Email:…………………………………………………

Mobile:………………………………………………

Qualification:…………………………………………

Payment Mode: SBI Collect

(To pay through SBI collect, select Payment Category "Workshop/STC/FDP/Conference")

SBI Collect Receipt No ……………………………

Date …………………… Amount ………………

Link for e-registration through Google Form: -
https://forms.gle/j7AEZWq23RA28MEY8

Date: Place:

Signature of candidate
Signature & name of
Supervisor/HoD/Principal/Director
along with Institute Seal

Patron

Prof. H. M. Suryawanshi

Director, NIT Hamirpur

Chairman
Dr. Ashwani Kumar Rana

Head, Department of Electronics and Communication Engineering

Convener
Dr. Ashok Kumar

Associate Professor, DoECE

Course Coordinator
Dr. Sandeep Kumar Singh

Dr. Rakesh Sharma

Treasurer
Dr. Sandeep Kumar Singh

Organizing Committee
All faculty members and staff of Electronics and Communication Engineering Department

Address for Correspondence
Dr. Rakesh Sharma,
Dr. Sandeep Kumar Singh

Assistant Professor, ECE, NIT Hamirpur,

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Five-day E-workshop
On
Intelligent Device Computing,
Communication and
Signal Processing 2.0

June 03-07, 2024
An Initiative of
National Institute of Technology Hamirpur,
Himachal Pradesh, India

Organized by
Department of Electronics and Communication Engineering

National Institute of Technology Hamirpur

Hamirpur, Himachal Pradesh

Pin Code- 177 005, India

Website: www.nith.ac.in

Background

The digital space has witnessed major transformations in the last few years. Intelligent device Computing, Communication and Signal Processing play a very important role in research and academia now days. It is extremely significant to orient the present generation of students, and the academia, towards a mind-set of innovation and Development. Systematic education in Intelligent Computing, Communication and Signal Processing innovation and related areas can bring about a paradigm shift in the awareness quotient of the stakeholders. It is vital to develop the right eco-system in the educational institutions to achieve this goal.

The five-days Workshop is aimed to foster the need of Intelligent device Computing, Communication and Signal Processing in the country. The program focuses on the Intelligent computing, Advance Communication Systems, Internet of Things, Different applications of IoT, Smart Communication and signal processing. Hands-on sessions have been also included in the course to give the clear idea about the concept

Objective

The objective of this course is to impart necessary and practical knowledge of Intelligent Device Computing, Communication and Signal Processing, and to develop skills required to build real-life projects.

Speakers

Faculty members of IITs, NITs, IIITs and other premier Institutions/Organizations of India.

Course Contents

- Intelligent Computing
- Low Power VLSI and MEMS Design
- Advanced Communication System
- MIMO-OFDM Systems

- Signal Processing
- Wireless Sensor Network
- State of the Art in IoT
- Edge Computing in 5G
- Machine Learning and Deep Learning
- Application of AI & ML in communication

Target Audience

Faculty members of Engineering Institutions/Universities, Research scholars and PG scholars pursuing research on the Advance electronics and communication areas, Participants from Industry/ R&D organization.

Number of Participants

Number of participants is limited to 50 seats. Application will be accepted on first-cum-first serve basis.

E-Certification

E-certificates will be provided to the participants, with at least 75% attendance, upon successful completion of the program.

Important Dates

Application in the prescribed format should reach the course coordinator by email on or before May 30, 2024.

Registration Fee Details

Participants	Amount (in Rs.)
Participants from Academia/R&D Labs	500/-
Students	200/-
Participants from Industries	1000/-

Bank Details for NEFT:
Bank & Branch Name: SBI, NIT Hamirpur (H.P.)
Account Name: Director NIT Hamirpur
Current Account No.: 11159548375
IFSC Code: SBIN0010367

Procedure of SBI collect:

1. Go to www.onlinesbi.com and select option State Bank Collect
2. Accept terms & conditions and proceed further
3. Select State of Corporate/Institute: Himachal Pradesh and Type of Corporate/Institute: Educational Institute
4. Select Educational Institute Name: NIT Hamirpur and click on Submit
5. Select Payment category Workshop STC FDP Conference and fill the details to proceed further

About the Institute

NIT, Hamirpur is an institute of National Importance. The Institute offers B. Tech, M. Tech and PhD programmes in various disciplines of Engineering, Humanities and Sciences. The Institute is functioning in a vast area of above 250 acres at Anu in Hamirpur district of Himachal Pradesh and is 4 Kms from main bus stand of Hamirpur on Mandi-Jalandhar National Highway (NH-70). The city of Hamirpur is well connected with the rest of the country by road. Nearest Railway Station: UNA (about 85 Km) and Nearest Airport: GAGGAL (Kangra) (about 85 Km)

About Department

Established in the year 1988, the Electronics & Communication Engineering (E&CE) Department NIT Hamirpur HP, has built an international reputation for excellence in teaching, research, and service. E&CED is making exhilarating progress in areas ranging from microelectronics, mobile communications to VLSI Design Automation. In labs and classrooms, students draw on the expertise and knowledge of our able faculty, integrating practical, hands-on research experience with challenging and interesting coursework. The team approach is very warm in the Department, an enthusiasm pervades every classroom and lab, invigorating our students and spurring on our faculty to fresh innovations.