AICTE Training and Learning (ATAL)
Academy Sponsored
Online Five-day FDP
On
Internet of Things (IoT)
June 01-05, 2021
Registration form

Name:……………………………………………….

Designation:………………………………………

Organization:

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Gender: M……….   F………..

Address of communication:

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Email:………………………………………………..

Mobile:……………………………Fax:…………….

Qualification:……………………………………….

Experience (years): ……………………………….

Research Interests:

Accommodation Assistance Required: Yes/No

If Yes, Kindly mention

Date of Arrival……………….Time………………

Date of Departure……………Time…………..

Date: Place:

Signature of candidate

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

Patron

Prof. Lalit Kumar Awasthi

Director

Chairman

Dr. Ashok Kumar

Head, Department of Electronics and
Communication Engineering

Convener

Dr. Sandeep Kumar Singh

Course Coordinator

Dr. Sandeep Kumar Singh

Dr. Dharmendra Singh Yadav

Treasurer

Dr. Dharmendra Singh Yadav

Organizing Committee

All faculty members and staff of Electronics and
Communication Engineering Department

Address for Correspondence

Dr. Sandeep Kumar Singh &
Dr. Dharmendra Singh Yadav
Assistant Professor, ECE, NIT Hamirpur,
E-mail:
sksingh@nith.ac.in,
dsyadav@nith.ac.in
Mobile No.:
+91-8800988592
+91-9425482653

AICTE Training and Learning
(ATAL) Academy Sponsored

Online Five-days FDP

On

Internet of Things (IoT)

June 01-05, 2021

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. The latest entrant to the digital space is the Internet of Things (IoT). For Internet of Things to take roots in our country, it is extremely significant to orient the present generation of students, and the academia as a whole, towards a mindset of IoT innovation and Development. Systematic education in IoT 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-day FDP is aimed to foster the need of IoT in the country. The program focuses on the Internet of Things, Security in IoT space, Different applications of IoT, Communication challenges in IoT, IoT case studies. Hands-on sessions have been also included in the course to give the clear idea about IoT.

Objectives

The objective of this course is to impart necessary and practical knowledge of components of Internet of Things and develop skills required to build real-life IoT based projects.

Speakers

Subject experts of IoT & Faculty members of IITs, NITs, IIITs and other premier Institutions/Organizations of India.

Course Contents

- State of the Art in IoT
- Introduction to standard IoT protocols
- Communication challenges in IoT
- 5G Communication
- Security in IoT space
- Applications of IoT
- IoT Case Studies
- Different Hands-on practice session on IoT

Target Audience

- The faculty members of AICTE approved Institutions
- Research scholars and PG scholars pursuing research on the Internet of Things
- Participants from Government (Bureaucrats, Technician) and from Industry
- Staff of host Institution

Number of participants

The number of participants in the FDP is limited. Preference will be given to the candidates who have research experience in IoT on first come basis.

Important Dates

Application in the prescribed format should reach the course coordinator by email on or before May 20, 2021.

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 VLSI, wireless communication to IoT.

The team approach is very warm in the Department of ECE. A palpable excitement surrounds the Department of ECE, an enthusiasm pervades every classroom and lab, invigorating our students and spurring on our faculty to fresh innovations. In an age when electronics play a major role in daily life, it truly is a great time to be a part of E&C engineering.

About ATAL Academy

ATAL academy is established with the vision to empower faculty to achieve goals of Higher Education such as access, equity and quality. AICTE is committed to for development of quality technical education in the country by initiating various schemes launched by Gov. of India, Ministry of Education. Council understand that there is a need of the day to train the young generation in skill sector and having faculty and technician to be trained in their respective disciplines.