



Department of Computer Science and Engineering Jaypee Institute of Information Technology, Noida

Two-Week Summer School

on

Intelligent Internet of Things (IIOT)

24th June –06th July, 2019

The convergence of information and telecommunication technologies in the last few decades has led to the evolution of industries from simply creating products, to create networks of products viz. Internet of Things, to eventually creating intelligent networks of products (I-IoT). The varying nature of devices, organizations, and social structures involved in the IoT derive the need for intelligent and automated approaches to support decision makers to gain more insights which are enabled through Artificial Intelligence. This convergence is not accidental but is an inexorable necessity nearly designed by default. Artificial Intelligence (AI) needs data, Internet of Things (IoT) needs intelligence and insights, and both need security and transparent marketplaces which are attained through Block chain technology. The magnitude of this convergence is so high that it is affecting every field which is historically data-rich but information-poor swinging from energy and manufacturing to home environment, robotics and drones, supply chain, logistics, transportation, healthcare, agriculture, manufacturing, smart city, and many more. This summer school aims to educate and provide a forum for exchanging ideas and information on current research studies, challenges, system developments, and practical experiences in the intelligent internet of things, Internet of things, Data Analysis, Machine Learning, Programming Environments, intelligent discovery of devices and data/information, aggregation of information from networks, intelligent privacy and security of networks, etc. This particular Summer School endeavors to confront the challenges of embedding smartness into the smart systems by inculcating new ways of thinking about the approaches and design paradigms for intelligent IoT- based networks.

ABOUT US

Jaypee Institute of Information Technology (JIIT), Noida was established in the year 2001 and has been declared as a “Deemed to be University” under Section 3 of UGC Act 1956. The university is accredited by the National Assessment and Accreditation Council (NAAC) of the UGC, recognised by the All India Council of Technical Education (AICTE) and listed in NIRF (MHRD) engineering category ranking 2016, 2017, 2018 and 2019. JIIT's state-of-the-art & environmentally conditioned campus comprises smart buildings with Wi-Fi connectivity covering the Academic Block, Business School cum Research Block, Faculty Residences, Student Hostels and Annapurna. Well-equipped modern laboratories and an intellectually stocked Learning Resource Centre provide a pleasant and stimulating ambience. For more info visit: <http://www.jiit.ac.in>

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING / IT

The Department of Computer Science & Engineering and Information Technology is a center of excellence that provides high quality education to develop future leaders in all aspects of computing including education and entrepreneurship, contributes practically relevant and cutting edge research, and catalyzes IT entrepreneurship. It offers 3 undergraduate and 5 post graduate engineering programmes. Currently under graduate, post graduate, and doctorate students are actively engaged in frontier research domains of IT.

RESOURCE PERSONS

Eminent academicians affiliated to IIT, IIIT, JNU, South Asian University, Ashoka University, Bennett University, JIIT, and Industry experts will deliver the sessions with practical demonstrations.

PROGRAMME HIGHLIGHTS

Following areas would be focused in the Summer School

- *Frontiers in IOT*
- *IOT implementations models and frameworks*
- *IOT Platforms*
- *Computer and Devices Technologies for IoT*
- *Ontologies describing IoT devices and their use*
- *Big data and IoT Data Analytics*
- *Knowledge-based policy management and reasoning for the IoT*
- *Provenance and usage in the IoT*
- *Modeling and evaluating quality in IoT*
- *Communication transparency in IoT*

WHO CAN PARTICIPATE

The program is open for all the faculty members, research scholars and graduate and post graduate scholars working with the Engineering Institution in the INDIA.

HOW TO APPLY?

To register for this Summer School, the applicant is required to fill in registration information online at <http://bit.do/iitot2019> before registration deadlines.

Last date of submission of application form: 5th June 2019

Display list of selected participants: 10th June 2019

Registration Fee Details:

Industry Personnel	INR 6000/-
Academician	INR 4000/-
Scholar	INR 2000/-
Internal Faculty	No Fee

The applicant need to pay the registration fee through NEFT and the transaction details should be mentioned in the google form. The NEFT transaction is done using the beneficiary using details:

Beneficiary Account Name: Jaypee Institute of Information Technology.

Account number: 910010050443719; **Bank Name:** AXIS bank

IFSC-Code: UTIB0000372

Bank Address: Axis Banl Ltd. Karkardooma, New Delhi-110092

CHIEF PATRONS

Hon'ble Shri Jaiprakash Gaur Ji

Hon'ble Shri Manoj Gaur Ji

PATRONS

Prof. S.C. Saxena, Vice Chancellor, JIIT

Prof. Hariom Gupta, Director, JIIT 128

CONVENERS

Prof. Krishna Asawa, Email: krsihna.asawa@jiit.ac.in
Office no: 0120-4195946, Mobile no: +91-9811445710

Dr. Shikha Mehta, Email: shikha.mehta@jiit.ac.in
Office no: 0120-4195858, Mobile no: +91-9871486192

Dr. Neeraj Jain, Email: neeraj.jain@jiit.ac.in
Office no: 0120-4195808, Mobile no: +91-7389973867

ORGANIZING COMMITTEE

Dr. Neha Bharill

Dr. Shailesh Kumar

Ms. Vartika Puri

Ms. Akanksha Bhardwaj

Ms. Anuradha Gupta

VENUE

Jaypee Institute of Information
Technology

Jaypee Green Wish Town,
Sector-128, PIN 201304, Noida (UP)

HOW TO REACH

Metro: The station closest to the Sector 128, Noida campus of the JIIT is Noida City Center/ Okhala Bird Sanchury/ Sector-83. Autos and Cabs are available from there.

Railway Station : Hazarat Nizamuddin, New Delhi Railway Station and Old Delhi railway station connect Noida to the Indian Railway Network.

For any query related to registration kindly contact:

Ms. Vartika Puri @ vartika.puri@jiit.ac.in

Department of Computer Science & Engineering/ Information Technology,
Jaypee Institute of Information Technology, Sector-128, Noida-201304, U.P.

Contact no: 0120-4195893 Mobile no: +91-9560430101