

How to Reach IIIT, Noida

Metro: The nearest metro stations are Noida City Center and Vaishali. Taxi/Auto is easily available at metro station for IIIT, Sector-62.

Railway: Noida is well connected to New Delhi Railway and Old Delhi railway stations by bus as well as Metro. Cabs can be hired just outside the railway stations.

Important Dates

Last date for online registration is 13th July 2017.

Registration Form

Fill online registration form at

<https://goo.gl/M0LaiK>

Registration Fee

Registration fee: Rs. 500/- for Students and Rs 1500/- for Faculty.

Participants can pay the fee either by demand draft or by cash (at the time of registration). Demand Draft should be in the favor of "Jaypee Institute of Information Technology", payable at NOIDA. The demand draft has to be sent to the workshop coordinator by 20th June, 2017.

Accommodation & Support

All the participants would be provided refreshment/lunch on each day of the workshop, and NO ACCOMODATION would be provided by organizers.

IIIT and Department of ECE

Jaypee Institute of Information Technology (IIIT), 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 undergraduate programs of the university have been accredited by the National Board of Accreditation of AICTE. IIIT'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 a well stocked Learning Resource Centre with over 43750 books and 1.7 lacs e-resources provide a pleasant and stimulating ambience.

The Electronics and Communication Engineering (ECE) Department at IIIT runs a 4-year B.Tech degree program in Electronics & Communication Engineering. Besides running a full time UG program in Electronics and Communication Engineering, the Institute also runs two full time PG programs with specializations in Electronics and Communication Engineering (ECE) and Microelectronics and Embedded Technology (MET). We also have Ph.D. degree program in key areas of current technological importance.

For more info: <http://www.jiit.ac.in>

Workshop Coordinator

Dr. Shamim Akhter
Department of ECE

Jaypee Institute of Information Technology Sector-62,
Noida, U.P.- 201307

Email: shamim.akhter@jiit.ac.in

Workshop

On

“Embedded System”

17 – 18 July 2017



विद्या तत्त्व ज्योतिसमः

Coordinator

Dr. Shamim Akhter

Organized by

Department of Electronics & Communication
Engineering

Jaypee Institute of Information Technology, Noida
(Declared Deemed to be University under Section 3
of UGC Act 1956)

About the Program

The aim of the workshop is to provide a platform for enhancing knowledge about the embedded system design with microcontrollers.

The topics for the workshop include practical aspects of programming and debugging a microcontroller in real-time environment. The platforms to be used in the workshop are 8051 based microcontrollers and Arduino.

It also includes basics of FPGA based designing for the beginners. We will be discussing about how to use IP-core. Chip-Scope analyzer will be discussed for debugging design. Xilinx System Generator based design and analysis will also be discussed.

We will have laboratory sessions on microcontroller and FPGA during the workshop.

Objective

- To provide basics of embedded system
- To provide idea of FPGA based implementation.

Workshop Contents

- Introduction to Embedded Systems
- Basics of Microcontrollers
- Embedded System development boards
- Interfacing with different sensors,
- Interfacing with DC & Servo motor
- Introduction to FPGA
- Chip Scope Analyzer
- System Generator based designing

Speakers

The resource persons will be from Advanced Technology Pvt Ltd, CDAC, and host institution.

Who Should Attend

Student, research scholar and faculty member of engineering college.

Duration & Venue

The course will be held at IIIT, NOIDA during 17-18 July, 2017.

Contact Details

Email: shamim.akhter@iiit.ac.in

Postal Address: Dr. Shamim Akhter
Department of ECE, A-10, IIIT Noida
Jaypee Institute of Information Technology
Sector-62, Noida, U.P.- 201 307

REGISTRATION FORM

Full Name: _____

Designation: _____

Institution / Organization: _____

Qualification: _____

Mailing Address: _____

Contact No (Mobile): _____

Email: _____

PAYMENT DETAILS:

Bank Name: _____

Amount: _____

DD No/ _____

Date: _____

Remark: _____

Date:

Signature of Applicant

NOTE:

Scanned copy of filled registration form and DD should be sent through email at shamim.akhter@iiit.ac.in. Original copy and DD should be sent by post to the mailing address given in brochure. Online registration can also be done at <https://goo.gl/MOLaiK>.