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ABOUT THE FDP:

The Electronics & Communication Engineering Department of Institute of Engineering and Technology (IET) Lucknow is organizing IET-TEQIP III sponsored 01-day Workshop on "Microcontroller based System

Design" on 20th September, 2019. The workshop is designed to bring Researchers, Academia and Technocrats from different parts of the country to a common gathering for exchanging and sharing the recent developments in the field of microcontroller based system design.

The participants are going to gain extensive details of subject knowledge along with guidance on recent trends in microcontroller based system design implementation. The information gained can be applied to any embedded system design. This workshop combines insightful lectures with practical lab exercises to reinforce key concepts. Participants will also learn advanced coding techniques that will increase overall microcontroller based system design proficiency and enhance their microcontroller design concepts.

The number of participants from different Institutions/Universities and Industries are expected to participate. Due to limited number of seats as per guidelines of workshop the registration will be done on the first-cum-first-served basis.

ABOUT INSTITUTE:

The Institute of Engineering and Technology (IET) Lucknow is one of the premier government technical Institute of Engineering and Technology in Uttar Pradesh, India. It is committed to achieve quality and excellence in academic pursuits. The Institute was established in 1984. The institute was formerly affiliated to The University of Lucknow (1984-1999), currently an autonomous institute and recognized by AICTE. The institute is a constituent college of Dr. APJ Abdul Kalam Technical University, Lucknow.

HOW TO REACH:

The city of Lucknow is well connected by road, rail and air with all the important places of India. The Institute of Engineering & Technology (IET) Lucknow campus is only 12 Kms from Lucknow railway station, 23 Kms from the airport.



One-day Workshop

On



Microcontroller based System Design

20th September, 2019

Organized by:

**Dept. of Electronics & Communication Engineering
IET Lucknow**

Under the umbrella of:



IEEE Student Chapter, IET Lucknow

Sponsored by:

TEQIP-III, IET Lucknow

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**Institute of Engineering and Technology,
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Sitapur Road, Lucknow – 226 021

Web: <https://www.ietlucknow.ac.in>

ONE-DAY WORKSHOP ON MICROCONTROLLER BASED SYSTEM DESIGN



20th September, 2019
IET Lucknow

COURSE MATERIAL:

Hard or soft copies of lecture notes and presentations will be made available to participants at the end of workshop. Registration kit, lunch and tea will be provided to the participants.

OBJECTIVES OF THE COURSE

1. To provide a forum to exchange views & ideas related to modern advancement in microcontroller system design and their applications.
2. To improve and boost the faculty's ability in carrying out research, invention, and to do innovations in the field of modern electronic system designing.
3. To share the knowledge in terms of future advancement and possible innovation in the field of microcontroller based system designing and their applications.

TOPICS TO BE COVERED

1. Concepts of microcontrollers (MSP430F5529, 8051) and programming them.
2. Hardware/software co-design aspects and analyzing the requirements for interfacing.
3. Wi-Fi CC3100 wireless network processor.
4. Analysis and implementation of various interfacing circuits necessary for various applications.

WHO CAN ATTEND?

The workshop is open to the teachers / scholars of Engineering Colleges, and professionals working in allied disciplines. No course fee is charged from participants.

HOW TO APPLY?

The registration is a two steps process:

1- Submission of Registration Form: Participants are required to download the registration form from the link provided "download registration form" available on (<http://tiny.cc/ps60cz>) or institute website (<https://www.ietlucknow.ac.in>). Kindly fill the downloaded form manually and get it duly signed by concerned authority (Principal/Director) of your Institute and send the scanned copy of this workshop registration form to "rksingh@ietlucknow.ac.in" on or before 20th September, 2019. Participants are also required to submit hard copy of the registration form on the first day of workshop.

2. Submission of Online Application Form: Kindly fill your details to be provided in the online application form given in institute's website (www.ietlucknow.ac.in) or <https://bit.ly/2kPJtDa> and submit it.

SELECTION CRITERIA:

Selection will be done based on first-come-first-serve basis to a maximum number of 60 (sixty). The list of selected participants will be intimated through e-mail.

VENUE: Microcontroller and Microprocessor Lab, Electronics & Communication Engineering. Dept., IET Lucknow.

IMPORTANT DATES:

Last Date of Registration: September 20, 2019

Intimation of Selection: September 20, 2019

Duration of Program: September 20, 2019

REGISTRATION FORM

for
One-day Workshop
on

Microcontroller based System Design

1. Name:.....
2. Father's Name:.....
3. Institution:
4. Designation:
5. Email-ID:
6. Mobile No.:
7. Address for Correspondence:
8. Subjects taught so far:
9. Educational Qualification:
10. No. of refresher courses/workshops attended:
11. Experience (in years):

Date:

Place:

Signature of
Applicant

Signature & Seal
(Head of Dept. / Institute)