One Week
Faculty Development Programme
on
MICRO-CONTROLLER & ITS APPLICATIONS

June 19 - 24, 2017

Organized by
Department of Electronics and Communication Engineering
Pranveer Singh Institute of Technology, Kanpur

Venue: PSIT Campus
Kanpur-Agra-Delhi National Highway (NH-2), Bhauti, Kanpur - 209 305
Phone: +91 8765496948, E-mail: fdp.ec@psit.ac.in, ec@psit.ac.in
About PSIT

Pranveer Singh Institute of Technology (PSIT) is one of the premier institutes for imparting quality technical education, keeping pace with the ever changing world of Science & Technology. PSIT presently offers graduate and post graduate programs in Engineering, Management, Pharmacy and Computer Application. PSIT, one of the top private engineering colleges in North India, is known for its excellent placement record, best infrastructure and facilities, highly qualified and experienced faculty members. PSIT offers a plethora of cultural and academic events. PSIT provides technical and aptitude training program for overall personality development of students, Industrial visits and project work as a part of curriculum are essential for inculcating innovation, entrepreneurship and practical knowledge to students. Dr. APJ Abdul Kalam Technical University (APJAKTU) has bestowed upon PSIT the "Excellence Award" for two consecutive years on the basis of best Academics, Facilities, Faculty, Infrastructure and Placements in reputed companies. PSIT has been awarded 71st rank among IITs, Govt. and Private engineering institutes and 33rd rank among the top private engineering institutes across India for the year 2016, by Times of India.

About The Department

The Department offers a B. Tech. and M.Tech. program in Electronics and Communication. The faculty team consists of experts from the industry and academia. The department is highly praised for its activities in the technical front, contributing highly towards the development of cutting edge technologies and professionals. While building a solid foundation of the fundamentals, the students are also exposed to emerging trends in the industry and are molded to be quality professionals of the future.

Electronics and Communication Engineering laboratories are equipped with state-of-the-art equipment and advanced software. Several faculty members have received their graduate and postgraduate degrees from institutions of international repute such as Indian Institute of Technology and NITs.

Our students actively participate in organizing various events such as technical workshops through the IETE, ISTE student chapter. Several faculty members and students are actively engaged in research and regularly publish their work in international journals and conferences.

Vision of the Department:

To become a known center of excellence that produces skilled, innovative, ethical and industry ready engineers

Mission of the Department:

- To offer the qualitative education in Electronics and Communication Engineering and professional ethics to students of global standards through innovative methods of teaching-learning with practical orientation so as to prepare students for successful professional career/higher studies.
- Foster culture of innovation and research in the field of E&C Engineering.
- To provide best teaching-learning environment to the students, faculty and staff members, favorable to creating excellence in technical education.

About the FDP

The FDP aims at exposing the participants to an advanced world of microcontrollers. This will help them correlate with the advances in the embedded systems. Earlier embedded systems were based on 8 bit microcontrollers but currently embedded designs have become very complex. Therefore there is a need to learn the advanced microcontrollers and their applications. The FDP is also intended in developing basic programming skills for building microcontroller applications. The FDP will cover Microcontrollers from Intel, Texas Instruments, Microchip, ARM, DSP and many more.

The objectives of AKTU sponsored One week faculty development program are

- Familiarization the participants to a variety of microcontrollers used today to build embedded systems.
- Create awareness of selecting a microcontroller for a particular application.
- Provide the hands on experience in programming a wide range of microcontrollers.
- Expose to application development using microcontrollers.
Learning Outcome

After attending this FDP faculties will be able to:
• Review the basic concepts of various Microcontroller
• Design embedded system applications using advanced microcontrollers.
• Practice the Compilers, debuggers, simulators & IDE.
• Apply Software and Hardware concepts of Microcontroller Interfacing and PORT Programming.
• Practical sessions.

Eligibility

All the faculty members from Under Graduate /Post Graduate (Electronics and Communication and Allied Branches) programs of AICTE approved, autonomous, self-financed, govt. aided technical Institutes, Research and Development organizations, Research scholars etc.

Registration

The participants are requested to register their names by sending the duly filled registration form in the format attached herewith. Send the scanned copy of filled registration form to email given below on or before JUNE 12, 2017; Email: fdp.ec@psit.ac.in

Registration Fee: 2000/- (Includes registration kit, certificate & refreshment)

Registration fee is to be paid by Demand Draft drawn in favor of “PSIT, Kanpur” payable at Kanpur or by online bank transfer (Net Banking). Our Bank details are as follows:

Bank Account Holder : PRANVEER SINGH INSTITUTE OF TECHNOLOGY
Bank Name : STATE BANK OF INDIA,
Branch : PSIT Campus
Account Number : 32131554464
Account type: Saving, IFSC : SBIN0016993

If fee is paid online then email the transaction ID

Travel and Accommodation

Participants will have to make their own arrangements for their travel. For out station participants accommodation may be provided on first come first serve basis.

KEY RESOURCE PERSONS

• Prof. (Dr.) D. Manjunath, IIT, Bombay
• Prof. (Dr.) Y.S. Rao, SPIT, Mumbai
• Prof. (Dr.) Yogesh Chandvarkar, FCRIT, Vashi, Navi Mumbai
• Prof. (Dr.) Sushil Thala, FCRIT, Vashi, Navi Mumbai
• Prof. (Dr.) Pranali Chaudhari, FCRIT, Vashi, Navi Mumbai
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Dr. APJAKTU, Lucknow
Mr. Pranveer Singh, Chairman, PSIT
Mrs. Nirmala Singh, Vice Chairperson, PSIT

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Dr. S.K. Bhatla, Director, PSIT coe
Dr. A.K. Rai, Director Pharmacy
Dr. S.L. Shukla, Director Academics
Prof. Sujoy Bhattacharya, Deputy Director

CONVENER
Prof. (Dr.) Yogesh Mohan Dubey
Head of ECE Deptt.
ec@psit.ac.in, Mobile: 9425159751

CO-ORDINATOR
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Fax: 91-512-2696244
Visit us at: www.psit.ac.in

ORGANIZING COMMITTEE

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Dr. A.P.J. Abdul Kalam Technical University, U.P., Lucknow

Sponsored

One Week
FACULTY DEVELOPMENT PROGRAMME
on
MICRO-CONTROLLER & ITS APPLICATIONS
June 19 - 24, 2017

Registration Form

1. Name (In Capital Letters): ________________________________________________________

2. Designation: __________________________________________________________________

3. Organization: __________________________________________________________________

4. Address (Correspondence): _______________________________________________________

______________________________________________________________________________
______________________________________________________________________________

5. Contact No.: ___________________ 6. E-mail ID: _____________________________________

7. Registration Fee Detail

Amount ___________________ Cash / D.D. No./ NEFT No. _________________________________

Bank Name: ____________________________________________________________________

Date: ____________________  Signature of Applicant

Sponsorship Certificate

Mr./Ms./Dr./Prof. ____________________________ is a bonafide faculty / member of our college / organization. He / She is sponsored to attend the One Week FACULTY DEVELOPMENT PROGRAMME on MICRO-CONTROLLER & ITS APPLICATIONS during June 19 - 24, 2017 at PSIT Kanpur.

Date: ____________________  Signature of Sponsoring Authority with seal