Short Term Training Program

Approved By ISTE and IETE New Delhi

(Interdisciplinary)

(Self Finance)

Two Weeks

21st to 30th November 2016

On

"Internet of Things and Advances in Embedded System"

Organized By

Department of Information Technology

Vidarbha Youth Welfare Society's

Prof. Ram Meghe Institute of Technology & Research,

Anjangaon Bari Road, Badnera (C. Rly),

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And all Faculty Members of Information Technology Department

About Institute

The Vidarbha Youth Welfare Society's Prof. Ram Meghe Institute of Technology and Research, Badnera-Amravati (Formerly well known as College of Engineering, Badnera), is a leading technological institute from central India. Established in the year 1983, the institute has a prestigious standing amongst the topmost technical institutes of Maharashtra. The institute is approved by AICTE, New Delhi and Accredited by the National Board of Accreditation (NBA), New Delhi. Department of Technical Education (DTE), Govt. of Maharashtra, has awarded "A" Grade to the institute. The institute is also awarded by ISTE National Award for best Engineering College in the region.

"Vidarbha Youth Welfare Society" was conceived to be the fountain head of education for a rural area of Amravati & wardha in the year 1965.

The young, dynamic & forward looking management of PMIT&R is carrying forward the pioneering legacy of the visionary founders, who dare to dream and strived hard to achieve their seemingly impossible goals. The management team is comprising of qualified people and stalwarts from medical, academic, legal and business fraternity. Their varied skills-sets help them in coming up with the vagaries of technical education field.

Achieving a leadership position in all of its working areas is the belief that drives the PRMITians. The team of the highly qualified and experienced academicians strive to achieve this credo under the proficient guidance of the Principal of the Institution. The team has an indomitable spirit to nurture and educate potential professionals and bring laurels to the institute.

Topics to Be Covered:

- Introduction to Internet of Things
- Introduction to Arduino and Raspberry PI
- Handson session on Raspberry PI, Arduino, Embedded C and Python Programming.
- Cloud platforms for IOT
- Image processing applications using Raspberry PI
- Implementation of wireless protocols using WiFi modules, IOT application using Node MCU
- Interfacing of Raspberry PI using Android
- Research issues in IOT

Course Objectives

1. The goal of this STTP is to enhance the skill of the participants in the future technology of IOT & Advanced Embedded Systems along with software & hardware realization on special Embedded SoC Board. i. e. Arduino, Raspberry Pi etc.

2. It also aims to provide awareness about the research topics related to IOT

Eligibility:

Faculty members of engineering colleges / Polytechnic colleges and working professionals in the field of computer, Electronics, Information Technology and MCA are eligible to attend the course.

Registration:

Registration Fees: **Rs. 2000**/-

Registration Fees: **Rs. 1500/- (**ISTE, IETE & IEI members)

Payment Mode:

Cash / DD / Cheque in favor of "**Principal, PRMIT&R, Badnera", payable at Badnera.**

For Online Payment use following account detail

Bank Name: State Bank of India
Address: Nandanwan, Badnera, Amravati.
Account Number: 10580418884
IFSC Code: SBIN0004884
MICR Code: 444002004

Address for Correspondence:

Department of Information Technology
Prof. Ram Meghe Institute of Technology & Research, Badnera-Amravati.

Note: Candidates should complete the registration form and send it by mail, fax or by post to the coordinator. Confirmation of eligible candidates will be on first come first serve basis. ISTE, IETE and IEI members must provide adequate proof.

How to Reach

The college is situated near Badnera, 9 Km from Amravati city Bus depot and 2 Km from Badnera Railway station and well connected by roads including NH6 super express highway. It is about 150 Km from Nagpur. Auto rickshaws, city bus and other public transports are easily available from Badnera and Amravati to reach the Institute.

Contact

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Website: www.mitra.ac.in

Important Dates:

Activity	Date
Last Date of Application	15/11/2016
Duration	21st to 30th Nov. 2016 (Two Weeks)

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ON

"Internet of Things and Advances in Embedded System"

Name: _____

Highest Qualification: _____

Specialization: _____

Designation: _____

Years of Experience: _____

Institution: _____

Address: _____

_____

_____

ISTE/ IETE /IEI Membership No._____

Cell Phone: _____

E-mail: _____

Accommodation Required: Yes / No

Payment Details:

DD No. / College Receipt No._____

Bank Name_____

Date_____

Signature of Participant _____

The application is hereby recommended & will be permitted to attend the above STTP for the notified duration, if selected.

Signature of Authority _____

(Seal and Sign of Forwarding Authority)