Faculty Development Training Programme on Mobile and Pervasive Computing 3rd to 9th June 2013

Sponsored by Centre for Faculty Development Anna University, Chennai-25

Organised by Department of Computer Technology Anna University, MIT Campus Chennai – 600 044

Co-ordinators Dr. R.Gunasekaran Mr. K.Kottilingam

About the Institute
In 1949, Shri.C.Rajam, gave the newly independent India-Madras Institute of Technology, so that MIT could establish the strong technical base it needed to take its place in the world. It was the rare genius and daring of its founder that made MIT offer courses like Aeronautical Engineering, Automobile Engineering, Electronics Engineering and Instrument Technology for the first time in our country. Now it also provides technical and information sciences education in other engineering fields such as Rubber and Plastic Technology, Production Technology, Information Technology and Computer Technology. It was merged with Anna University in the year 1978.

About the Department
The Department of Computer Technology at the MIT Campus, Chennai was bifurcated from the Department of Information Technology in the year of 2010, with a view to promote the pursuit of excellence in the field of Computer Science and Engineering. The Department has a team of distinguished, dynamic, young and dedicated staff members with specialization in wider areas to provide superior teaching, guidance, inspiration and motivation that may spur students to challenge extraordinary frontiers. Currently the Department offers Undergraduate Programme B.E. (CSE) Fulltime/Part time, Postgraduate Programme M.E. (CSE), Research Programme M.S. and Ph.D. aimed at producing quality professional and researchers.

Programme Objective
- To gain knowledge on Wireless Broadband Networks in Mobile and Pervasive computing Platforms
- To introduce the concepts of emergence of smart devices, lower layer mobile architectures and medium access control technologies
- To train the participants in the areas of Development of mobile and pervasive applications with hands on sessions in NS3 and NS2

Course Coverage
The following topics will be covered:
- Application requirements in Pervasive Computing
- Mobile Applications
- CDMA,FDMA,TDMA,MIMO, OFDMA
- GSM: Mobile services, system architecture, Protocols
- Localization and calling
- IEEE 802.16, IEEE 802.11, LTE, 3G/4G, WiMAX, Bluetooth and HiperLAN
- Mobile Network and Transport Layers
- Infrastructure and ad hoc networks
- TCP improvements and TCP over 2.5/3G
- Hands on sessions in NS3, NS2 and Mobile application development
Speakers
Experienced faculty members of Anna University, IIT and industries will deliver the lectures.

Registration Fee
There is no registration fee for the training programme. The number of participants is restricted to 25 only. Participants are selected on first come first serve basis and will be intimated through e-mail. No TA and DA will be given.

Important Dates
Last date for receiving application (by e-mail or post) : 26.05.2013
Intimation of selection : 29.05.2013

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REGISTRATION FORM
Faculty Development Training Programme on Mobile and Pervasive Computing
3rd June – 9th June 2013

1. Name :

2. Age & DOB :

3. Designation :

4. Educational Qualification :

5. Teaching Experience :

6. Institution :

7. Address for communication:

8. E-mail ID :

9. Mobile Number :

Signature of the Applicant

Declaration
The information provided by me is true to the best of my knowledge. I agree to abide by the rules and regulations governing the FDTP. If selected, I shall attend the training programme for the entire duration. I also undertake the responsibility to inform the co-ordinator in advance in case of inability to attend the programme.

Date:
Place:

Signature of the Applicant

SPONSORSHIP
Mr./Ms./Dr. __________________________ is an employee of our college/ institution and is hereby sponsored for the above FDTP. He/She will be permitted to attend the programme, if selected.

Date:
Place:

Signature & Seal of the Sponsoring Authority