

**REGISTRATION FORM:**

Name :

Designation :

Organization :

Contact Address :

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Tel. / Mobile No. :

Reg. Category :

IEEE Member : Yes / No

(If yes enclose photocopy of membership card /intimation mail from IEEE)

Reg. Fee :

DD No. :

Date :

Bank :

Accommodation : Yes / No

Note: The Bank DD shall be drawn in favour of IEEE Madras Section, payable at Chennai.

**Date:** **Signature of the Applicant****Signature of the Head of Institution**

Complete Registration form along with demand draft to be sent to

**IEEE Madras Section**Room No. 3, ISTE Professional Centre,  
Gandhi Mandapam Road, Chennai - 600 025**Contact persons for the program****Dr. N. KUMARAPPAN**

EAC Chair,

Secretary,

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**Dr. B.PARAMASIVAN**

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**IEEE MADRAS SECTION****Faculty Development Program***Course Title***Mobile Application Development  
using Android: A Next Generation  
Technique***Dates***14<sup>th</sup> & 15<sup>th</sup> November 2014***Co-ordinators***Dr. N. Kumarappan  
Dr. B. Paramasivan***Venue***National Engineering College  
K. R. Nagar,  
Kovilpatti – 628 503***Organized by***IEEE MADRAS SECTION,  
&  
IEEE Student Branch  
National Engineering College***Contact Address***IEEE MADRAS SECTION**  
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### **About the IEEE**

The Institute of Electrical and Electronics Engineers Inc. (IEEE), a non profit organization, is the world's leading professional association for the advancement of technology. IEEE offers a wide range of learning, career enhancement, and employment opportunities within the engineering sciences, research and other technology areas.

The goal of these programs is to ensure the growth of skill and knowledge among professionals and to foster individual commitment to continuing education among IEEE members, the engineering and scientific community and the general public. IEEE provides various university and corporate partner programs, online learning resources and certificate programs through its continuing education offerings for students and professionals. These continuing education offerings also provide access to technical courses at conferences and section meetings, society education programs and various print materials. The IEEE has more than 4000,000 members in 160 countries. The IEEE publishes more than 1,000 leading-edge conference proceedings every year, which are recognized by academia and industry worldwide as the most vital collection of consolidated published papers in electrical engineering, computer science and related fields. Student branches provide an opportunity for student members to begin networking in their areas of interest and future profession. There are nearly 2,000 student branches in 80 countries at various educational institutions.

### **IEEE Madras Section**

IEEE Madras Section came into existence in 1973 and has crossed its silver jubilee year. IEEE Madras Section has an active membership of 2500 life/ senior members/ members. The student membership is around 7500. The IEEE Madras Section conducts technical lectures, symposiums and conferences by eminent personalities from several fields.

The section is concerned about the welfare of the students in this part of the country and wants to improve the teaching learning process in the Engineering Colleges and Universities. With this in mind, the section is organizing Faculty Development Programme (FDP) for the teaching faculty members of Engineering Colleges and Universities in Tamilnadu, India.

### **About the Faculty Development Programme**

Teaching-Learning is an important process in academic institutions. Transfer of knowledge takes place from the teacher to the students only when the teaching is effective. The young teachers need orientation and training in effective teaching. As a service to the teaching community in the engineering institutions, the IEEE Madras Section in association with IEEE Student Branch, **National Engineering College, Kovilpatti** is organizing a Faculty Development Programme (FDP) on the topic “**Mobile Application Development using Android: A Next Generation Technique**”. These two days FDP will be an excellent opportunity to listen to the experts in this field and also to discuss about the underlying intention in areas applications. It has become important for the educators and practicing Engineers, to continuously update their knowledge and skills in evidence-based practice strategies, small group facilitation, active lecturing, and the productive use of technology which also helps the researchers and faculty members to update their research skills.

#### **Course Contents:**

##### **Day-1:**

- Concepts of Open source operating systems
- Open source developments on mobile platforms
- Android platform architecture
- Android application Design Essentials
- Eclipse for Android Software Development
- Layouts and UI Control
- Android Application Resources

##### **Day-2:**

- Introduction to Animation and Graphics
- Android Building Blocks
- Developing android applications
- Hands on experience on applied research Algorithms
- Hi-Performance Computing using android
- Service Oriented architecture and its implementation for Linux kernel
- Research topics and issues in Android Platforms

#### **Participants**

Faculty from a Technical Universities/Engineering Colleges of Tamilnadu can participate. The objective of the course is to impart the ability to communicate better with the students.

#### **Course Fee**

There is course fee of Rs.500/- for IEEE members and for non-members Rs. 1000/-. The fee includes course kit and lunch. The number of seat is limited and the participant will be chosen on a first come- first-serve basis.

### **Accommodation**

Boarding and lodging will be provided in the Institute Hostels on chargeable basis on request.

### **Schedule**

The FDP on “**Mobile Application Development using Android: A Next Generation Technique**” is proposed to be held on **14th and 15th November 2014**. This FDP will be for two days consisting of 5 theory sessions and 3 hands-on training sessions and will be handled by leading experts in the respective domain.

### **Important Dates**

Last Date for Registration : 11-11-2014  
Date of Intimation of Selection : 12-11-2014  
(Intimation through E-mail)

### **Resource Persons**

- **Mr.S.Jey Krishnan**  
CEO-Perptro Technologies Private Ltd,Chennai.
- **Mr.P.L.Arun Kumar**  
Senior Faculty (Mobile Application Development),  
iNurture Education Solution Pvt Ltd, Coimbatore.
- **Mr.D.Karthikeyan**  
Solution Architect, Shriaura Technologies, Chennai.
- **Mr.G.Srikanth**  
System Engineer,TCS, Chennai.
- **Mr.A.Naveenprabhu**  
System Engineer, Infosys, Chennai.

### **How to reach the National Engineering College, Kovilpatti?**

National Engineering College is located at Kovilpatti on NH7 between Madurai and Tirunelveli. Madurai is the closest metropolitan city, around 100 km away, while Tirunelveli, Thoothukudi are other major cities that are close by. The nearest railway station is in Kovilpatti which is 7km far away. The college is 5km away from kovilpatti old bus stand. For details contact: Dr.B.Paramasivan, Professor and Head, Department of CSE, National Engineering College, Kovilpatti (9442522764).