4th Summer Training Program on **"Mobile architecture and Programming by using Windows Phone 7/8, J2ME (Series 40)**
Organized by Indira Gandhi Institute of Technology (IGIT),
in collaboration with Nokia University Relations and Microsoft
(From 21-06-2013 to 31-07-2013)

There has been tremendous growth in the field of mobile technologies due to the availability of various software tools and the cheap hardware that drives these systems. It has been observed that most of the users are now accessing the mobile devices than desktop devices for communication, game playing, sending mails, web browsing, social networking, m-commerce, entertainment, agriculture and computing to name a few. However, the usage of mobile devices in education, e-learning, and practical is not very common.

The objective of this training is to provide:

- A detailed study of the Architecture of the Mobile Device and its processor- Snapdragon
- Programming of various mobile devices such as, WP 7/8 and Series 40 by Nokia and its various on-device peripherals like camera, speakers, display, keyboard, sensors, memories, communication protocols etc.
- Hands on practice and demo of the above components and features using real mobile device(s) on platforms like Nokia OS S40, WP 7/8 by using J2ME, C#, .Net etc.

The training will empower and enable the users, programmers and researchers to use the mobile device as an instrument for diversified applications like Agriculture, E-learning, Health Care, Games, Defense and Navigation to name few. Especially the students community gets the familiarity in programming the on-device peripherals and thereby able to develop the various applications for mobile. The real advantage of this technology is that mobile devices are low cost, portable, programmable, accessible by everybody across the globe, battery operated, rich in features and applications. In addition to having the existing application from the PC world available in the Mobile device a totally new breed of new radically different applications are appearing in the mobile leap frogging the traditional PC world. These devices are become a vibrant and a very exciting platform where any individual student with the right attitude and

talent can touch Millions of end user with their project results unlike seen any time before in the computing industry.

1. **Devices**: Nokia Mobile devices (Lumia 800 and Asha 305) are used for practical purposes.
2. **Training Material:** Training material and the software's required for developing the mobile applications will be based on Material available from Nokia and Microsoft.
3. **Resource Persons:** Internal and external from Nokia, Microsoft and experts from industry such as TI, ARM etc.
4. **Course Content**: Topic wise detailed schedule is attached.
5. **Certificate:** All successfully completed participants will get the certificate jointly from **IGIT, Nokia University Relations and Microsoft.**
6. **Last date of registration:** On or before 15-06-2013. Only 60 seats are available. All selected participants will be informed on or before 18-06-2013 through mail.
7. **Who can attend the program:** Students studying or completed B.Tech/ M.Tech (CSE, ECE, IT)/ MCA (preferably B.Tech students who have completed three semesters). Faculty members who are teaching (or planning to teach) Embedded Systems/ Mobile Computing/ Mobile Communication etc can be benefited by this training)
8. **Contact Person:** For any enquires you can contact course coordinator in the following address:

Dr. **S. Ramanarayana Reddy,** Academic Officer, CSE Department,
 Electrical Block, Room No. E-205, IGIT, GGS Indraprastha University,
Kashmere Gate, Delhi – 110 006
Tele: +91 9810101742, 011-23869784,
Email: rammallik@yahoo.com

Please visit www.mobileeducationkit.net or www.igit.ac.in for further updates and correspondence

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Registration Form

> **Please paste a recent Photograph with the signature on the photograph**

1. Name of the applicant: …………………...

2. Branch/ Semester/ College: ……………………………..

3. Name of the Dept/ Designation:……………………..

4. Mailing address:………………………..

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6. Mobile No………………………………

8. Email………………………………………...

9. Details of DD: Amount: 5500/- (DD should be drawn in favor of Principal IGIT, payable at Delhi and mailed it to Dr. **S. Ramanarayana Reddy,** Academic Officer, CSE Department, Room No E-205, Electrical Block, IGIT, GGS Indraprastha University, Kashmere Gate, Delhi – 110006 either by post or by person on or before 15-06-2013)

DD No._____Drawn on : _____

10. Please write a statement of purpose about **"why you would like to attend this course":**

Signature of the Applicant with Date