STTP

On

"Imminent Mobile Computing"

In association with

InfoStretch Corporation & CSI

Dec 21-25, 2011

Convener

Prof. H. M. Nimbark

Prof. V.A.Gandhi

Organized by

Computer Science & IT Engineering Department

B. H. Gardi College of Engineering & Technology, Rajkot–395 007
Gujarat, India.

About the Institute

B. H. Gardi College of Engineering & Technology is an institution of higher learning dedicated to providing quality, career-focused postgraduate and undergraduate programs that prepare students with the knowledge, skills, and credentials needed to launch, enhance or change careers. The Institute offers broad access to education and serves a diverse, multicultural body of students in an environment that promotes pride, respect, and teamwork. The Institute's Academic Activities are designed to empower students to pursue their individual career goals and identifying and developing key skills among students which will enable them to create their own niche in their respective area of expertise at international level.

About the Department

The Computer Science and IT Engineering department aims to provide a bridge between the latest technology and the student's eagerness to acquire the knowledge. Our engineering program equips our students to be competitive, to succeed in their profession, and to contribute to society.

About The STTP

The one week short term training program on "**Imminent Mobile Computing"** is scheduled to be held during **December 21-25, 2011**.

The Primary aim of this STTP is to bring technical faculty across the state/country up to the speed with the latest developer tool & technology that are currently being used by IT field.

In of the power of Information Technology to transform undergraduate teaching and learning, it was determined that students and faculty needed ubiquitous access to standard and well-supported tools for communication, collaboration, computation and research. To this end the STTP used planning and action teams to address following critical issues:

(a) To prepare facilities and operations for a mobile computing environment.
(b) Faculty awareness and preparation on mobile computing (MC).
(c) Exploring the unexplored of MC research areas.
(d)Awareness the current trend in MC programming and simulation in mobile computing areas to integrate the effective use of mobile computing into the undergraduate and postgraduate curriculum.

Contents to be Delivered

- Basics of Mobile Application Development.
- Open source hardware Arduino and various sensor interfacing
- Python for mobile application development
- Security Issues in Wireless Sensor Network.
- Wireless Sensor Network Simulation using Castalia
- Research issues in Wireless Multimedia Sensor Network
- Routing Multimedia over MANET
- Mobile Computing Trends and Technology
- Mobile Operating System and Android Application
- Pervasive Computing
- 3G and IP Multimedia Subsystem (IMS)

Experts

Dr. Mukesh Zaveri Professor SVNIT, Surat	**Prof. B. V. Buddhadev** Professor L. D. Engineering College, Ahmedabad
Prof. Brijesh Bhatt Associate Professor Phd*, IIT, Bombay	**Prof. Mrudang Mehta** Associate Professor DDIT, Nadiad
Prof. Priyanka Shrama Associate Professor Nirma University, Ahmedabad	**Prof. Vijay Ukani** Associate Professor Nirma University, Ahmedabad
Prof. K. R. Trivedi Associate Professor Govt. Engineering College, Bhavnagar	**Prof. M. A. Jalal** Govt. Engineering College, Bhavnagar
Prof. K H Wandra Professor, CCET.	**Mr. Javal Nanda** InfoStrech Corporation
Mr. Rupak Parikh InfoStrech Corporation	**H. M. Nimbark** Associate Professor BHGCET
Many More…..	

Registration

Since the seats are limited, High Caliber Faculty/Students (PG)/Research fellow/Industry fellow should register well in advance. Registration will be on first come first serve basis.

Last Date of Registration: 17. 12. 2011
Intimation about Registration: 19.12.2011

Hard Copy to Correspondence Address:
STTP on "Imminent Mobile Computing"
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For more details visit: www.gardividyapith.ac.in
Coordinators: Kaushik Raviya: 9428014176
Assistant Professor (CSE/IT)
Pravesh Goel: 09913825472
Assistant Professor (CSE/IT)

Registration Fees

Registration Fees: Rs.1000/-
This fee includes participation kit, course material, lunch, refreshment and tea. Accommodation will be provided against prior request to the outside Participants. No TA/DA will be paid.
Selected participants will be informed by e-mail only

Mode of Payment

By DD/Multicity Chq/Local Chq in favor of **B.H.Gardi College of Engineering and Technology** payable at **Rajkot.**

Transportation

Transportation facility will be available for the participants from K.K.V. Hall, Rajkot.