

Registration form

Name :

Department:

College/Organization:

Address for Correspondence :

Email:

Mobile Number :

Accommodation Required : YES NO

Demand Draft Details

Amount :

DD Number :

Issuing Bank :

Date of Issue :

Candidates signature :

Note

- 1) Please attach a photocopy of college ID card.
 - 2) Use photocopy of the above form, if required.
- Registration Fee

VIT Students(By Cash) : Rs. 800

External students (By DD) : Rs. 1200

Faculty/Corporate (By DD) : Rs. 1600

Registration fee includes the cost of lunch, snacks, registration kit and course CD.

Accommodation will be provided on prior request at extra cost.

Advisory Committee

Chief Patron

Dr. G. Viswanathan, Chancellor

Patrons

Shri. Sankar Viswanathan, Vice President

Shri. G. V. Sampath, Vice President

Shri. Sekar Viswanathan, Vice President

Shri. G. V. Selvam, Vice President

Dr. V. Raju, Vice Chancellor

Dr. S. Narayanan, Pro-Vice Chancellor

Dr. Anand Samuel, Pro-Vice Chancellor

Chairman

Dr. Elizabeth Rufus, Director, SENSE

Members

Dr. D.S. Emmanuel, Program Manager
B.Tech Electronics and Communication Engg.

Dr. Sibaram Khara, Division Leader
Communication Division

Course Co-ordinators

Prof. P. Ashish, Assistant Professor

Mobile: +91 9944890820

Prof. G. Aarthi, Assistant Professor (Sr)

Mobile: +91 9003043086

Organizing Team

Members of Communication Division

Registration Form & DD to be sent to

Prof. G. Aarthi, Assistant Professor (Sr)

Communication Division

School of Electronics Engineering

VIT University, Vellore - 632014.

Mobile : +91 9003043086

Email: aarthi.g@vit.ac.in

DD to be taken in favor of VIT University
Last Date for registration is 24th Feb 2012



VIT[®]
UNIVERSITY
(Estd. u/s 3 of UGC Act 1956)
Vellore-632 014, Tamil Nadu, India.
www.vit.ac.in

School of Electronics Engineering

3-Day Certificate Course on GSM Technology

8th - 10th March 2012



Organized
by
Communication Division



A place to Learn; A chance to grow

About VIT University

Founded in 1984 as Vellore Engineering College, the Institute was declared as University in recognition of its academic excellence by the Ministry of Human Resources Development, Government of India in 2001. The University has since grown by leaps and bounds—establishing excellent infrastructure spread over an impeccably clean and green 350 acre campus - well on way to fulfill the vision of the founder and Chancellor Dr. G. Viswanathan to make it truly world class. VIT today comprises of nine constituent Schools and interdisciplinary centers offering undergraduate, graduate and research programs up to PhD level. VIT is the first educational institution of India to get ISO 9002 certificate by the DNV of The Netherlands. It has accreditation from IEE (UK) and National Assessment and Accreditation Council (NAAC). In the last seven years, VIT had more than 40 visiting Professors, some of them staying 6 to 12 weeks, offering accelerated courses or leading Workshops / Seminars for the benefit of students and faculty of VIT.

About School of Electronics Engineering

The School offers B. Tech [ECE] and five M. Tech programs. Facilities for research leading to Ph.D. are available in many emerging areas. A major emphasis in both the undergraduate and post graduate program is the

teaching and learning process that makes the student industry ready. The School is actively involved in R&D activities and has sponsored projects from various agencies like DRDO, DST, ISRO (RESPOND), and BRNS. The school has excellent infrastructure for carrying out academic and research tasks.

About Communication Division

This Division was established in the year 2006 under the School of Electronics Engineering with highly qualified faculty members. This division offers courses both at the under graduate and post graduate level. The faculty members are actively involved in multifaceted research; covering areas such as Wireless communications, wireless sensor networks, Channel coding, channel modeling, smart antennas, OFDM, MIMO, Next generation mobile networks, cognitive radio and software defined radio architectures.

Course Objective

The world is moving towards achieving ever larger data-rates and providing seamless broadband wireless access. Most of the third and fourth generation mobile technologies are built upon GSM architecture and ensure a backward compatibility with it. It is therefore necessary and helpful to understand the working aspects of this technology to be able to appreciate the changes that were implemented in the subsequent technologies.

Intended audience

Students, Faculty members and researchers from ECE/Communication Engineering are the intended audience and will be largely benefited.

Topics to be covered

The course mainly aims to cover the technical aspects related to the GSM and GPRS Technologies covering the fundamentals of RF communication, Cellular systems, Frequency reuse, GSM architecture, identities, radio resources, logical and physical channels, authentication, encryption, power control, hand-offs, location updates, roaming, SMS, Mobile originated and Mobile terminated calls, differences between circuit switching and packet switching and GPRS.

Speakers

Prof. P. Ashish, Assistant Professor, VIT
Dr. Sibaram Khara, Professor, VIT

