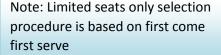


Topics to be covered

- O Review of Probability and Random variable
- Stochastic Processes
- Review of digital communication principles
- and systems
- O Digital Modulation Techniques
- The Wireless Channel
- Diversity Techniques
- Multiple access Techniques
- Cellular Concepts
- Capacity of wireless channel
- Opportunistic Communication
- Spatial Multiplexing and channel modeling
- Capacity and Multiplexing
- Architectures
- Diversity and Multiplexing tradeoff



Eligibility

Faculty of Educational Institutuions/
Graduate Engineers/Research
Scholars/Research Personnel working in R
& D Organization. With a minimum
qualification of Bachelor's degree in
Electronics & Communication and also PG
student are eligible to apply.

Organizing Committee

- S Pothalaiah
- Mohammed Moyed Ahmed
- M Rama Rao
- Ch Sudhakar
- D Karunakar Reddi
- A Shravan Kumar
- M Sampath

How to Apply

Interested people may fill the prescribed registration form and mail the scanned registration form, along with scanned DD on or before 30-06-2015

Registration Fee

An amount of Rs. 500/- must be paid in DD drawn in favor of Coordinator, FDWC, Dept. of ECE, JNTUH CEH payable at Hyderabad.

Resource Persons

Resource persons from Academy and Industry

Accommodation

Limited accommodation will be provided on first come-first serve basis, on payment in University Guest House.

Address for Correspondence

B. N. Bhandari , Department of ECE, JNTUH CEH,

Kukatpally, Hyderabad-85

fdwcjntuh@gmai

#: 9490316662 #: 9966933132

Short term Course On

Fundamentals of Digital and Wireless Communication

Under TEQIP –II

27th July – 1st August, 2015



Organized by
Department of E.C.E
JNTUH College of Engineering Hyderabad

About College

Iawaharlal Nehru Technological University, the First Technological University of India, was established on 2nd October 1972 in Andhra Pradesh with headquarters located in a historic city Hyderabad. The University is one of the premier Universities in Incia accredited by NAAC with 'A' Grade. After successful and proven levels of appreciated existence and stature spanning over 36 years, JNTU has been divided into four different universities by Govt. of Andhra Pradesh, through Act No.30, Dt. 24th September, 2008. One of the constituent colleges of the University "JNTUH College of Engineering, Hyderabad" is regarded as a pioneer in shaping the excellence of some of the leading organizations of the industry, by churning out the finest professionals with a resolve to scale greater heights in the technological scenario, every year.

The Department of Electronics and Communication engineering, established in 1973, is instrumental in molding the careers of students and helping them to become world-class professionals. Besides highly qualified and experienced staff and well-equipped laboratories, the Department has been awarded 8.1 points out of 10 by the State Board of Technical Education.

Last date for registration 30-06-2015

Programme Timing 9.30 am to 5.30 pm

Venue: Dept. of ECE, JNTUH CEH, Kukatpally



Digital communication techniques and stochastic processes are backbone of all types communication systems. This course aims at revisiting the underlying principles of stochastic processes and digital communication techniques and their applications to wireless communication. In the recent past there is a vast development in the field of wireless communications. This is due to dramatic improvement in hardware development and success of 2G and 3G wireless standards.

This course is to study the fundamentals of wireless communications with a basic background in stochastic processes and digital communication techniques. The topics will discussed at length to motivate the participants to pursue active research in the area of wireless communication.

Registration Form

(in Block L	,			
	 (F):			
Educational	Qualification: .			
Designation	n:			
	Experience	related	to	this
	Experience		to	this
Name of Co	ollege:		•••	
	attending the wo			
Address for	correspondence	:		
Contact Nu Email ID: .	mber:			
Signature o	f the Applicant v	with date		
Signature o	f Head of Institu	te with seal		