**ABOUT THE INSTITUTION**

LBS Institute of Technology for Women, established in the year 2001 is the first Engineering College for Women in Kerala. This is managed by LBS Centre for Science and Technology, Thiruvananthapuram. During the fourteen years of existence, it has achieved excellence in imparting Technical education for Women. At present the College offers five undergraduate programs (B.Tech) in Electronics and Communication Engineering, Applied Electronics& Instrumentation Engineering, Computer Science and Engineering, Information Technology, and Civil Engineering and two post graduate programs (M.Tech) in Signal Processing and Computer Science and Engineering.

**ABOUT THE DEPARTMENT**

The Department of Electronics & Communication Engineering was established since the inception of the college. The major strength of the department is highly qualified and experienced faculty with specialization in major areas of Electronics & Communicationand applied electronics. State-of-the-art facilities are available in all the labs to train the students capable of meeting the requirements of present and future. Department has close interaction with various leading industries and educational institutions. Department also conducts many value added training programmes to the students and staff frequently.

**COURSE OBJECTIVES**

The objective of the course is to provide a comprehensive technical knowledge in wireless communication and systems. Course provides a review of fundamentals in wireless communication, highlights the key developments in this area , hands on session in antenna simulation using HFSS and gives an exposure to the latest developments and issues related to emerging trends in wireless communications.

**COURSE OUTLINE**

Emerging Areas and research trends in wireless communication/ Networking

OFDM / MIMO - OFDM

SDR Technology

Challenges & Opportunities in Wireless Sensor Networks

HFSS - Hands on Session

**WHO CAN APPLY**

Faculty members and research scholars of ECE/AE/CSE/IT/EEE from AICTE recognized Engineering Colleges are eligible to apply for the course. Participants from industry can also apply.

**FEE AND MODE OF PAYMENT**

No course fee is charged for the participants from TEQIP II Institutions and Govt./Govt. Controlled Engineering Colleges. Participants from all other colleges are charged course fee of Rs. 750/-. Payment should be done in the form of DD in favor of **The Principal, LBSITW, Poojappura, Trivandrum** payable at Trivandrum. No TA/DA/ accommodation will be given to the participants.

**HOW TO APPLY**

The registration form duly endorsed by the head of the institution should reach the coordinator latest by 3rdJune 2015. Advance copy of registration form may be sent through e-mail to the coordinator (wireless2015lbt@gmail.com). The selection will be on first come first served basis. Number of participants is limited to 30.

Last date of receipt of application is 3rd June2015.

Intimation of selection will be done by 5thJune 2015 by e-mail.

The registration form along with DD may be sent to the following address**.**

 **The** **Coordinator, STTP on Recent Advances in Wireless Communications, Dept of ECE, LBS Institute of Technology for Women, Poojappura, Thiruvananthapuram - 695012.**

**Registration Form**

Short Term Training Programme

on

**“Recent Advances in Wireless Communication“-**

**Sponsored by TEQIP- II**

**June 8th  -12th, 2015**

Name:

Designation:

Department:

Whether the Institution is Govt

/Govt Controlled:

Address for

Communication:

Pin Code:

Mobile/Phone:

E-mail ID:

DD No.

Date. Bank:

Place :

Date :

Signature of the Participant:

**Sponsorship Certificate**

Mr/Ms/Dr……………………………………………

is a faculty member of our Institution and his/her application is hereby sponsored for the short term training programme on Recent Advances in Wireless Communication.

The applicant would be permitted to attend the course in full if selected.

Place : Signature of the Principal

Date : Office seal

Coordinators

|  |  |
| --- | --- |
| Suma SekharAssociate ProfessorDept of ECE Ph:9447469958 | Ajay V GAssociate Professor Dept of ECEPh:9446630517  |

Short Term Training Programme

on

**“Recent Advances in Wireless Communication”**

**Sponsored by TEQIP- II**

**08/06/2015 to 12/06/2015**



Organized by

**DEPARTMENT OF ECE**

LBS INSTITUTE OF TECHNOLOGY FOR WOMEN, POOJAPPURA

Thiruvananthapuram, Kerala

PIN. 695012