



FACULTY DEVELOPMENT PROGRAMME
On
ADVANCES IN MICROWAVE ANTENNA DESIGN

Organized by

ACADEMIC STAFF COLLEGE K L UNIVERSITY, AP.

In Association with

Department of ECE, K L University

and

Electronics & ICT Academy, NIT, Warangal, Telangana.

(8th – 13th May, 2017)

Introduction

Recently, advances of wireless communication technologies such as cellular communication, wireless LAN and other personal devices is remarkable and the communication speed beyond 1000Mbps is made available under mobile communication environments. Moreover, the opportunities to use wireless communication in our daily lives are increasing by rapid diffusion of sophisticated mobile information terminals such as phones and tablets. Government, military and medical sectors are providing the momentum behind majority of research initiatives for the development of communication systems. There are research areas like microwave and millimeter waves, terahertz, novel antennas, RFID, wireless sensor networks, software defined radio which are progressing rapidly time to time.

In this regard, it is decided to invite Professors from reputed institutions and working professionals from defense labs to deliver the topics on

- Review of basic definitions, concepts and relations.
- Design of antenna elements with simulators
- Multifunction antennas and arrays
- Fractal Antennas
- Ultra wide band antennas
- Conformal Antennas
- Reconfigurable Antennas
- Metamaterials
- Smart Antennas
- Hands on Experience on practical antenna design and testing with VNA.

Major Course Contents

The primary objectives of the course are as follows:

- i) Exposing participants to the fundamentals of antenna radiation and defining the parameters.

- ii) Building in confidence and capability amongst the participants in the application of advanced tools and techniques to design.
- iii) These lectures will give exposure to new areas of research and development which is carried out at the foreign universities and rest of the world. This FDP will help to enhance research competence of faculty and department in the areas like antennas and communication systems.
- iv) Providing exposure to practical problems and their solutions, through case studies and live projects in RF communication.
- v) Simulation is used throughout this course. In this section, attention will be given to practical issues (meshing, feeding the structure, problems with dielectrics, etc

Registration is open to:

This programme is open to the faculty of engineering colleges & working professionals of Industry in Andhra Pradesh, Telangana, Karnataka, Pondicherry, Goa and Andaman and Nicobar Islands.

Important Dates: Last date (application & online payment): 4th May 2017

Intimation of Selected members: 6th May, 2017

How to apply: A scanned copy of filled-in application duly signed by appropriate authorities (along with online payment details) should reach the host institute coordinator on or before the last date by E-Mail with their name and contact number.

Registration Fee Particulars:

Faculty members and Research Scholars: Rs 2000/- Only (Telangana, Andhra Pradesh, Karnataka, Pondicherry and Goa and Andaman & Nicobar Islands)

Faculty members and Research Scholars from other states: Rs 8500/-

Faculty Members from SC/ ST category of mentioned states: Rs: 500

Industry participants (Ph.D. and PG scholars) Rs 6000/-Only

The participants need to send the particulars of online payment along with scanned copy of application through e-mail to btpmadhav@kluniversity.in on or before 4th May, 2017

Selection and Mode of Payment

Selected candidates will be intimated through Email. They have to remit the necessary course fee to the Bank as per the details given below. Outstation participants requiring accommodation and boarding facilities have to indicate the same in the application.

Account Name	Registrar KLU
Account Number	62310916292
Bank	State Bank of Hyderabad
Branch	K L University
Branch Code	021361
IFSC	SBHY0021361

For any queries regarding registration of the course, please contact the Convener:

Prof. B T P MADHAV,

Department of Electronics and Communication Engineering, K.L.UNIVERSITY,
VADESWARAM-522502, ANDHRA PRADESH

Phones:

Mobile: 8008940999,

Office: 0863 – 2399999

Fax: 0863 – 2399999

Email : btpmadhav@kluniversity.in

About the institutes :

The Koneru Lakshmaiah Charities was established as a trust in the year 1980 with its official address at Museum road, Governorpet, Vijayawada, Andhra Pradesh – 520 002 and started K L College of Engineering in the Academic year 1980-81. The trust was converted into a Society by the name Koneru Lakshmaiah Education Foundation in the year 1996. The KL College of Engineering has attained autonomous status in the year 2006 and in February 2009, the Koneru Lakshmaiah Education Foundation Society was recognized as Deemed to be University. In short Koneru Lakshmaiah Education Foundation is named as K L University.

K L University is situated in a spacious 100-acre campus on the banks of Buckingham Canal of river Krishna, eight kilometres from Vijayawada city. Built within a rural setting of lush green fields, the institute is a virtual paradise of pristine nature and idyllic beauty. The campus has been aptly named "Green Fields" and the splendid avenue of trees and gardens bear testimony to the importance of ecology and environment. The campus ambience is most befitting for scholastic pursuits. The University has been situated on a built up area of around 15, 00,000 S. Ft.

National Institute of Technology, Warangal is the first among 17 RECs setup as joint venture of the Government of India and the state government. Over the years the college has established itself as a premier Institution imparting technical education of a very high standard leading to the B.Tech degrees in various branches of engineering and M.Tech. and Ph.D. programs in various specializations.



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Advances In Microwave Antenna Design Organized by



ACADEMIC STAFF COLLEGE K L UNIVERSITY, Vaddeswaram, A.P.

In Association with

**Department of E.C.E, K L University and
E & ICT Academy, NIT Warangal, Telangana.**

1. Name:

Declaration

2. Designation:

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the FDP and shall attend the course for the entire duration. I also undertake the responsibility to inform the Coordinator in case, I am unable to attend the course.

3. Institution:

4. Mail id:

Mobile no.:

5. DU No.

Bank:

Date:

6. Address for correspondence:

Station

Signature

7. Educational Qualification with experience:

Address for Correspondence:

Send the details of application along with DU code & Bank name to the mail id. btomadhav@kluniversity.in

8. Subjects taught so far:

**Dr. B.T.P.MADHAV,
Professor & CSRG Head,
FDP Convener,**

9. No. of refresher courses/workshops attended:

Department of Electronics and Communication
Engineering, K.L.UNIVERSITY, VADDESWAREM-
522502, ANDHRA PRADESH

10. Experience (in years):

Contact :

Teaching:

Research:

Industry:

Mobile: 8008940999,

11. Do you require accommodation during training:

Office: 0863 – 2399999

Yes/No

12. Do you belong to SC/ ST Category: Yes/ No

(If yes please attach a photo copy of proof)

Dr. NVSN Sarma

Professor, NIT Warangal

Dr. ASCS Sastry
HOD, ECE, K L U

Dr. V Rajesh
Principal, Academic Staff College,
K L University

Convener: Dr. B T P Madhav, Professor & CSRG Head

Coordinators:

Dr P Pardhasaradhi, Professor, ECE, KLU, Phone: 8885552918

D Sreenivasa Rao, Asst Professor, KLU, 9908959608