



(Approved by AICTE, New Delhi, Affiliated to JNTU Kakinada)

Workshop Report

DATE : 30th December 2016 to 1st January 2017

EVENT : Subject based Workshop

VENUE : E-CAD LAB

ORGANIZED BY : SPACE ,E.C.E Dept.

FACULTY INCHARGE: Mr. K.Raju , Mr.G.Malyadri, Mr. A. Sarath & Mr.B.Venu

EVENT DESCRIPTION:

The ECE department association “SPACE” conducted a three day National level workshop from 30th December 2016 to 1st January in the E-CAD Lab. The resource person for this workshop is **Dr. BTP MADHAV, Professor & CSRG Head, KL University**. The topic of work shop is “**Advanced Antenna Design & Simulation Using HFSS & CST Tools**”. This work shop is conducted for ECE students to reach the Department mission.

SESSION ACTIVITIES:

DAY 01(30th December 2016)

As per the given instructions by the Dr. Siva Ganga Prasad, HOD ECE dept., the student and faculty in charges made proper arrangements for the work shop. Between 9.00AM to 9.30 AM the registration process for participants is completed. The workshop is started with opening remarks of Dr. Siva Ganga Prasad . Exactly at 10.30 AM the workshop is started by is Dr. BTP MADHAV, Professor & CSRG Head, KL University. More than 50 students actively participated in the workshop .

On first day he explained Introduction to RF-Microwave & Antenna, Measurement Parameters for RF- Microwave Antenna , Basic explanation regarding different EM-Tools & Solvers and PM Explanation on HFSS & CST Microwave Studio(Hands on Experience)

DAY 02(31st December 2016)

On second day resource person explained Design of Band Pass Filters using HFSS, Design of frequency dependent microstrip patch antenna with line feeding, Design of frequency dependent microstrip patch antenna with line feeding and Design of Magic Tee using HFSS

At the end of the session Dr. BTP MADHAV explained the participants how microstrip antennas are use full in electronic devices.

DAY 03(1st January 2017)

On third day resource person gave his hands of experience on Design of monopole antenna with HFSS and CST microwave studio and Design of circularly polarized antenna with HFSS and CST microwave studio. Between 2.00 PM to 3.00 PM a Quiz was conducted on the topics explained in the workshop.

By 4.30 PM valedictory function is completed and closing remarks are shared by honorable chairman, Principal and other dignitaries. After the feedback by participants, certificates are distributed to all the participants.

Photos:

