



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

One day Seminar on

RF Antenna Design with Hands on Training using HFSS

A Detailed Report

One day Seminar on RF Antenna Design with Hands on Training using HFSS” was conducted by Adhi College of Engineering and Technology, Department of Electronics & Communication Engineering with Industry Institute Interaction of **Entuple Technologies**, Bangalore on 31.01.17 at 10.30 AM to 3.30 PM in the Room No: 102. **Dr.K.Sakthisudhan**, HOD, ECE Department, Convener, welcomed the delegates and Mrs.S.Pricilla Mary & Ms.S.Priya, Coordinators, honored the guest. The faculty and students of ECE have attended the seminar function. **Mr. Kaviyarasu**, Industrial resource person, Entuple Technologies, Bangalore was delivered lecture in the field of RF antenna and microwave design and its requirement in recent thrusting areas. He delivered the excellent presentation of antenna design with software demonstration.

ABOUT THE WORKSHOP:

The session comprises of some important topics such as:

- Basic antenna design in HFSS
- Analysis of design with parameters
- Wave guides
- VSWR measurement in Smith Chart
- Impedance Matching

- Return loss and coupling loss measurement
- SAR in human model design and measurement

The students were attained the working knowledge of antenna design based on different configurations and industrial requirements with mathematical calculations and how to incorporate the design into Industrial, Medical and Scientific applications. The chief guest was felicitated by **Dr.K.Sakthisudhan**, HOD, ECE department, who presided over the function and shared his experience in the field of antenna design.

HOD

Event Gallery

of

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