



Certificate course on HFSS for RF and Microwave:

Antenna Design, Simulation & Testing

5th Feb 2024 – 30th April 2024

Duration: 30 hours

Organized by
RIG – IoT and Wireless Communication
Department of ECE, ASIET

ABOUT THE COURSE

The Certificate Course on “HFSS for RF and Microwave: Antenna Design, Simulation & Testing” is a specialized program aimed at providing participants with in-depth knowledge and practical skills in the field of antenna design and simulation, specifically using the High Frequency Structure Simulator (HFSS) software. This course covers a wide range of topics including antenna theory, electromagnetic principles, antenna types and characteristics, RF/microwave design principles and hands-on experience with HFSS software for simulation and optimization of antennas. Participants will learn to design various types of antennas such as microstrip antenna, planar antenna, arrays and more, while also gaining proficiency in analyzing and optimizing antenna performance parameters like radiation pattern, gain, bandwidth, and impedance matching.

Contact :-

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Mr. Prasanth P. Menon , Asst. Professor, ECE

COURSE BENEFITS

- » Completely hands-on
- » Industry experts training
- » Demonstration of Vector Network Analyzer
- » Fabrication & testing
- » Core domain exposure
- » Certificate upon course completion
- » Useful for Mini projects & Main projects
- » Benefit for Sem 7 EM LAB
- » Internship opportunities in core industries

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