



INDUSTRIAL TRAINING ON ANTENNA DESIGN, SIMULATION AND FABRICATION



FUNDAMENTALS OF ANTENNA

- Basics of Antenna
- Antenna analysis approaches
- Overview of Antenna parameters
- Microstrip Patch Antenna

ANTENNA SIMULATION USING HFSS

- Introduction to HFSS
- Antenna Simulation using HFSS
- Result Analysis (Charts and Plotting)
- Optimetric Analysis



ANTENNA DESIGN FOR SPECIFIC APPLICATIONS

- Antenna design for ISM band
- Antenna design for 4G/5G
- Antenna design for Wearable applications



FABRICATION & TESTING

- Fabrication procedures & prototyping
- Introduction to Measurement Devices- VNA, Spectrum Analyzer, Site Analyzer, etc.
- Antenna parameters measurements.



Training Module Coordinators:

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