

# **Centre of Excellence in Smart Antenna Systems and Measurements (SASM)**

Certification by WavCom Technology Pvt Ltd, India

## **Internship Modules for Engineering students**

- M1. Antenna Designs and Optimization Techniques
- M2. Millimetre wave antenna design for 5G Applications using HFSS software
- M3. Design of Multiband and Wideband Antennas using HFSS software
- M4. EMC requirements for electronic systems, Measurements of radiated emissions and conducted emissions
- M5. Antenna Arrays and Analysis
- M6. Smart Antenna Systems
- M7. Optimum Beamforming Algorithms and DOA Algorithms Fundamentals using Matlab software
- M8. Signal integrity analysis of High-speed digital circuits
- M9. RF Fundamentals, Nonlinearities and Noise
- M10. RF Passive Circuit Design, RF Active Circuit Design, Transceiver Architecture using Cadence AWR & Keysight ADS
- M11. Design of Low Noise Amplifier from Specifications for wireless applications using LTspice software
- M12. System design for EMC

### **For Further Information Contact:**

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