



# School of Electronics Engineering

## Department of Communication Engineering

### Value Added Course



## Millimeter Wave Radar and its applications – (VAC2413)

Online- 9<sup>th</sup> March to 2<sup>nd</sup> April (6:30 PM - 8:30 PM)  
 Offline – 23<sup>rd</sup> March, 2026.

### Week 1 (09/03/2026 to 13/03/2026): 10 Hours

- ❖ Radar Fundamentals
- ❖ Radar Waveforms and Signal Modelling
- ❖ Range, Velocity and Angle Estimation

### Week 2 (23/03/2026 to 31/03/2026): 18 Hours

- ❖ System Level Implementation
- ❖ AI in Radar Processing
- ❖ Advanced mmWave Radar Processing
- ❖ Automotive Radar Systems
- ❖ Radar in Biomedical Applications

### Week 3 (01/04/2026 to 02/04/2026): 04 Hours

- ❖ Radar in Embedded and Industrial Applications
- ❖ Integration and Future Trends



Resource Person:  
 Dr. K. G. Sujanth Narayan Ph.D  
 Assistant Professor III,  
 SASTRA University, Thanjavur.

- SDG 3: Good Health and Well-being
- SDG 8: Decent Work and Economic Growth
- SDG 9: Industry, Innovation, and Infrastructure
- SDG 12: Responsible Consumption and Production

**Eligibility: UG/ PG/ Ph.D Students**

Starting from **9<sup>th</sup> March, 2026 (Monday)**

**Registration Fee: Rs. 300/- + 18% GST**

**Registration Link:** <https://events.vit.ac.in/>

Co-ordinators: Dr. Jasmine, Dr. A. Christina Josephine Malathi, Dr. S. Revathi



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