

### Shri Vile Parle Kelavani Mandal's DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING

(Autonomous College Permanently Affiliated to the University of Mumbai) NAAC Accredited with "A" Grade (CGPA: 3.18)





# INTERNATIONAL CONFERENCE ON WIRELESS COMMUNICATIONS

10<sup>th</sup>-11<sup>th</sup> October, 2025

Organised by Department of Electronics and Telecommunication Engineering, D. J. Sanghvi College of Engineering, Mumbai, India.

# About ICWICOM 2025

ICWICOM is being organized with a view to cultivate research activities in the field of Wireless Communication at our institute. In order to facilitate exchange of ideas and practical applications, the conference is expected to bring in eminent personalities from various areas of wireless communication on a common platform. Interactions during the conference are expected to open up many research areas for upcoming Post-graduate & Doctoral students as well.

The proceedings of the conference will be published in book series "Lecture Notes on Electrical Engineering (LNEE), (Scopus Index Series)".

# **Important Dates**

Paper submission through CMT: <u>Tap here.</u>
Paper submission Date: 20<sup>th</sup> May, 2025
Acceptance Notification 30<sup>th</sup> June, 2025
Registration Deadline: 15<sup>th</sup> July, 2025

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# Topics covered

### Microwave & Antennas

**Antenna Theory** 

Antenna Arrays

Conformal Antennas

Microstrip Antennas

**Artificial Magnetic Conductors** 

Fractal Antennas

Frequency Selective Surfaces

Electromagnetic Numerical Techniques

Millimeter-wave/Terahertz

Communications

Radar Systems

**UWB** Communications

Antennas in MIMO

Nanotechnology

**MEMS** 

### Signal Processing

Signal Processing for Wireless Communications

Multimedia Communications

Artificial Intelligence in Wireless Network

Computer Vision

Pattern Analysis & Classification

Large Dimensional Signal Processing

Wireless Telemedicine & e-Health Services

## Wireless Communication/Networking

Mobile Ad-hoc & Sensor Networks

Channel Modelling & Characterization

Pervasive & Ubiquitous Computing

Wireless Sensor Network

Cognitive Radio Network & Applications

**Next-Generation Network** 

Network Protocol & Congestion Control

QoS, Reliability & Performance Modelling

Heterogeneous Wireless Network

Mobile Computing System

Self-Organizing Network

Software Defined Radio

The Microsoft CMT service was used for managing the peer-reviewing process for this conference. This service was provided for free by Microsoft and they bore all expenses, including costs for Azure cloud services as well as for software development and support.