

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 10th-11th 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: 1<sup>st</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

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.

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#### Wireless Communication/Networking Mobile Ad-hoc & Sensor Networks

Channel Modelling & Characterization Pervasive & Ubiguitous 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