



Message from the Editor-in-Chief

Banmali S. Rawat

It gives me great pleasure to bring out the 5th issue of the **International Journal of Microwave and Optical Technology (IJMOT)** for the year 2026. This fifth issue of year 2026 consists of the following interesting papers in the areas of:

Microwave related areas:

Fractal DGS for Wideband Antenna Arrays on 3D Printed Substrates Using 1D CNN Ensemble, Performance Analysis of Non-Orthogonal Multiple Access (NOMA) over 5G Fading Channels with Imperfect Successive Interference Cancellation, A Co-Planar Waveguide Magic-T Based Power Combiner/Divider, Design of a 2.4 GHz Rectenna Based on a Textile Vivaldi Antenna for RF Energy Harvesting, A Myometric Ultra-Wideband Antenna: Design and Performance in Biomedical Applications, Compact Four-Port MIMO Antenna with High-Isolation Using Defected Ground Structure for Sub-6 GHz 5G and Wi-MAX Applications, Thinner Substrate Compact Wideband Design of Pentagonal Shape Microstrip Antenna, A Thin, Compact Dual-Band Fat-Intrabody Communication Antenna at 2.45/5.8 GHz with High-Band Gain Enhancement, Design of a Dual-Band Microstrip Bandpass Filter for GPS and WLAN Systems Using Compact Asymmetric Resonators, and Design of Double Inverted V-Slotted Microstrip Antenna for Wood Moisture Detection Applications.

Optical Related Areas:

A Comparative Analysis of Bio-inspired Optimization Algorithms for a VLC-LoS Indoor Localization Using RSSI, Improving the Performance of Optical Networks Under Traffic Congestion Using OSNR-Aware Cross-Layer Modeling and BER/QoS Optimization, Analysis of a High-Capacity WDM-FSO Point-to-Multipoint Last-Mile System Under Diverse Atmospheric Conditions, Visibility-Driven EDFA Gain and Modulation Selection for Reliability-Constrained WDM-FSO Links Under Atmospheric Impairments, Edge-Assisted Machine Learning for Wearable Optical and Multimodal Physiological Stress Monitoring, and Performance Analysis of Flat Long-Reach WDM-PON Based on Cascaded OADM Switching Enabling 1100 km Reach without Active Regeneration.

I am very pleased to inform our authors/subscribers that IJMOT is now indexed by SCOPUS, Google, EBSCO, ISI, Elsevier, and Media Finder. Also IJMOT is an approved journal by UGC of India.

I would like to thank all the editorial board members, reviewers, authors and subscribers for their continued help and support for IJMOT. Without their support it is not possible to publish the journal in a timely manner. Our special thanks to Web Manager Prof. Shridhar Dandin for doing excellent job by publishing all the issues in time.

Banmali S. Rawat

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