



## Message from the Editor-in-Chief

Banmali S. Rawat

It gives me great pleasure to bring out the 4th issue of the **International Journal of Microwave and Optical Technology (IJMOT)** for the year 2025. **I am very pleased to inform you that with July 2025 issue IJMOT has completed 20 yrs of successful and continuous publication.** This fourth issue of year 2025 or July 2025 issue consists of the following interesting papers in the areas of:

### **Microwave related areas:**

A novel Compact Hairpin Filter with Parasitic Element and Stubs Dedicated for UWB Applications , Simulation of a Brain Tumor Detection System Using Vivaldi's Antennas, Temperature Behaviour Analysis of a GaN LNA Under Harsh Environmental Conditions for Telecommunication Applications, Improvement of RFID Indoor Localization: A Hybrid Approach Based on Greedy and Triangulation Algorithms, A Wideband and Low-Loss Eight-Way Power Divider On Suspended Substrate Stripline for Ku-Band Applications, Machine Learning Approach for Path Loss Prediction in Urban Drive 5G Network Environments, T-Shaped Slot Fed Circularly Polarized Wideband Truncated Antenna for Satcom and Modern Wireless Applications, A Method for Designing Clustered Planar Arrays Using Unconventional Grid-Topologies, A Compact M-Shaped MIMO Antenna Featuring Enhanced Isolation and Diversity for Advanced 5G Applications, Wideband Designs of Regular Shape Microstrip Antennas Using U-slot cut Ground Plane, Analysis of a CPW Fed Loop Shaped Patch Antenna for ISM, WLAN and C Band Applications and Textile Metasurface Antenna for 2.4 GHz Remote Health Monitoring Applications.

### **Optical Related Areas:**

Attenuation and Chromatic Dispersion Enhancement of 5G Free Space Optical Systems for Future Wireless Communications and Polarization Insensitive Flat Pass Band MEMS Actuated Tunable Optical Filter with High-extinction Ratio for DWDM Applications .

**Please note that the authors with their university/organization being subscriber of IJMOT in good standing will have to pay only 50% of publication charges up to 8 pages. After that it is \$30 per extra page.**

I am very pleased to inform our authors/subscribers that IJMOT is now indexed by SCOPUS, SCI (request submitted), 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 Mr. Shridhar for doing excellent job by publishing all the issues in time.

**Banmali S. Rawat**

**Dated: July 28, 2025**