INTERNATIONAL JOURNAL OF MICROWAVE AND OPTICAL TECHNOLOGY



VOL.18, NO.1, JANUARY 2023

Message from the Editor-in-Chief

Banmali S. Rawat

First of all, I would like to wish "Very Happy, Prosperous and Healthy New Year-2022" to all our authors, Subscribers, Editorial Board Members, Reviewers and Web Manager Mr. Shridhar. The main highlight of the year 2022 was that the COVID-19 Pandemic was eradicated to the maximum extent from the entire globe due to availability of vaccines but not completely gone. In fact, recently it has been noticed that it is coming back in a big way in some countries. So, we all should be vigilant and should take all necessary precautions until it is really over.

It gives me great pleasure to bring out the 1st issue of the **International Journal of Microwave and Optical Technology (IJMOT)** for the year 2023. This first issue of year 2023 consists of interesting papers in the areas of:

Microwave related areas:

OTFS Waveform Effectiveness in 6G Communication Networks, Simulation and Design of a Dual Mode Square-Shaped Resonant Band-Pass Filter Using Suspended Substrate Strip-line with Transmission Zero Control for 5G Applications, SAR, Sweat and Bending Analysis for the ISM Band Wearable Jeans Antenna, Partially-Connected Hybrid Precoding with Successive Interference Cancellation Technique, A Miniaturized 4×4 Spatula-Shaped MIMO Antenna for Radar and Satellite Applications, Development of a New Compact and Miniaturized Monopole Planar Antenna with Multiple Slots for Ultra Wide Band Wireless Applications, Plane Wave Scattering From a Planar Junction between Electrically Resistive and Magnetically Conductive Half-Sheets, A Frequency Reconfigurable MIMO Antenna With UWB Sensing For Multi-Band Operations, Design of a Cross-Coupled Third Order Bandpass Filter on Substrate Integrated Waveguide Resonator (SIW-R), and Frequency and Radiation Pattern Reconfigurable Monopole Antenna for WLAN/WiMAX Applications.

Optical areas:

Design and Analysis of Suspended Core Photonic Crystal Fiber Formed by Semicircular Air Holes Near the Core.

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. We are contacting other indexing agencies also in this regard.

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.

<u>Banmali S. Rawat</u>

Dated: December 27, 2022