



## Message from the Editor-in-Chief

Banmali S. Rawat

I hope all our Authors, Subscribers, Editorial Board Members, Reviewers, Readers all over the globe, Web Manager Mr. Shridhar and their families are in Very Good Health and Safe under the Pandemic situation due to dangerous Coronavirus. Please take all necessary precautionary measures as advised by your respective Governments in different countries. This is the first time most of us have witnessed such a global pandemic which has taken thousands of lives all over the globe and still not over yet. This has affected IJMOT publication also in various ways but we are trying our best to publish this issue in time.

It gives me great pleasure to bring out the 4th issue of the **International Journal of Microwave and Optical Technology (IJMOT)** for the year 2020. This issue consists of the following interesting papers in the areas of:

### Microwave Related Area:

**Microstrip Power Amplifier Design for ISM Band Using Balanced Amplifier Topology**, Improvement of Selectivity and Compactness of Novel CPW Reconfigurable LPF/BPF Using T-Shaped Resonators For Microwave Applications, Optimizing the Antenna Characteristics Parameters in nxn Array double Bi-Ellipse Microstrip for Satellite Communications, **Triple Notch Reconfigurable Parasitic Patch Monopole Antenna with Defected Ground Structures**, Using Effective Codebook in Hybrid Precoding for MIMO Mm-Wave Communication, Performance Evaluation and Optimization of 5G Radio Access Network with Higher Order Sectorisation, Electromagnetic Modeling of Body Tissues at Microwave and Millimeter-wave Frequencies for Monitoring Vital Signs with CW Radar, A Study of the Characteristics of Antenna with Different Triangular Patch Array Structures, Compact MIMO Antenna for LTE and 5G applications, Triple Band Dielectric Resonator Antenna Array Using Power Divider Network Technique for GPS Navigation/Bluetooth/Satellite Applications and Multi-Resonator Stacked Variations of Sectoral Microstrip Antennas For Wideband Response.

### Optical Related Area:

Theory and Model Analysis of Exciton Dependent Photo Characteristics in CNFET and Optimization of Coating Thickness on Optical Fiber via Layer-by-Layer Technique for pH Sensing Application.

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 would like to invite all the authors to **The 17<sup>th</sup> International Symposium on Microwave and Optical Technology (ISMOT-2021)** to be organized in New Delhi, India from December 17-19, 2020 under the leadership of Profs. Mridula Gupta and R. S. Gupta from the University of Delhi, South Campus and M. A. Institute of Technology, Delhi, India, respectively. All the details regarding ISMOT-2020 can be accessed at:

[www.ismot2021.org/](http://www.ismot2021.org/)



**I am looking forward to active participation by all the authors of IJMOT and their organizations. Please publicize the ISMOT-2021 in your organization/country as much as possible.**

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.

**Banmali S. Rawat**

**Dated: June 23, 2020**