**MRCN - 2022**

**Call for Papers**

**Special Session on**

**“Innovations in Signal Processing, Advanced Communication and  Computational Intelligence”**

**Session Chair(s):**

**Dr. Rohit Anand**, Assistant Professor, G.B. Pant DSEU Okhla-1 Campus (formerly G.B. Pant Engineering College), Govt. of NCT of Delhi, New Delhi, India

***E-mail****: roh\_anand@rediffmail.com*

**Dr. Nidhi Sindhwani**, Assistant Professor, Amity Institute of Information Technology, Amity University, Noida, Uttar Pradesh, India

***E-mail****: nidhiece15@gmail.com*

**Dr. (h.c.) Digvijay Pandey**, Assistant Professor, Department of Technical Education, IET, Dr. A.P.J. Abdul Kalam Technical University, Lucknow, India

***E-mail****: digit11011989@gmail.com*

**Aim and Objectives of Session:**

The main aim of this special session is to provide opportunity to the scientific community to utilize their knowledge in the field of signal processing, speech processing, image processing, wireless and mobile communication, optical communication, satellite communication, RF and microwave, antenna design, multimedia communication, internet of things, internet of medical things etc.

With this session, the various researchers and academicians can be brought to a common multi-stream platform so that they can present their new models and ideas.

**Topics of Interest:**

Based on the above-mentioned theme, the topics of interest are (but not limited to):

* Signal analysis and processing
* Digital signal processing and embedded systems
* Image processing, speech processing, music processing and video processing
* Medical image processing
* Pattern recognition
* Computer communication and networking
* RF and Microwave Engineering
* Antenna design and optimization
* Wireless and Mobile communication
* Optical communication and networks
* Satellite communication and radar
* Internet of things
* Internet of medical things

**Expected Number of Articles to Receive: 10 to 15**

**Short Biographies of SESSION CHAIRS**

## Dr. Rohit Anand is currently working as an Assistant Professor in the Department of Electronics and Communication Engineering at G.B.Pant DSEU Okhla-1 Campus (formerly GBPEC), Govt. of NCT of Delhi, New Delhi, India. He has done his Ph.D. (ECE) from IKG Punjab Technical University, Punjab, India. He has teaching experience of more than 21 years including UG and PG Courses. He is a Life Member of Indian Society for Technical Education (ISTE) and Member of IEEE. He has Google Scholar h-index of 20 and i10-index of 43. He has Scopus *h-index* of 15. He has published 12 book chapters in reputed books, 18 papers in Scopus/SCIE Indexed Journals. H also has 4 Patents (2 Granted and 2 Published). He has presented more than 25 research papers in National & International Conferences. He is presently a reviewer in many of the reputed and highly indexed International Journals like IEEE Transactions on Industrial Informatics, International Journal of Microwave and Wireless Technologies, KSII Transactions on Internet and Information Systems and many IGI Global Journals. He has chaired a Session in 15 International Conferences. He has received 1 Gold Medal and 1 Silver Medal in NPTEL Online Certification Courses conducted by MHRD, Govt. of India. He has guided 12 M.Tech. students and is presently guiding 2 Ph.D. students. He is an Editor of 3 Reputed Edited Books. He has voluntarily participated 31 times in Blood Donation He has got the awards such as Indian & Asian Record Holder, Integral Humanism award and Best Teacher award. His research areas and interest areas include Wireless Communication, Electromagnetic Field Theory, Antenna Theory and Design, Image Processing, Optimization, Optical Fiber Communication, IoT etc.

**Dr. Nidhi Sindhwani** is currently working as an Assistant Professor in Amity Institute of Information Technology, Amity University, Noida, India. She has done her Ph.D. (ECE) from Punjabi University, Punjab, India. She has teaching experience of more than 16 years. She is a Life Member of Indian Society for Technical Education (ISTE) and also a Member of IEEE. She has Google Scholar h-index of 15 and i10-index of 24. She has published 12 book chapters in reputed books, 16 papers in Scopus/SCIE Indexed Journals and 4 Patents. She is the Editor of 3 reputed Edited Books. She has presented various research papers in National & International Conferences. She has got the Best Paper Presentation Award in an International Conference. She has chaired a Session in 15 International Conferences. She has been a reviewer in many of the reputed indexed Journals. Her research areas include Wireless Communication, Image Processing, Optimization, Machine Learning, IoT etc.

**Dr. (h.c.) Digvijay Pandey** is currently working as an Assistant Professor in the Department of Technical Education, Kanpur, Government of Uttar Pradesh, India. Before this, he joined TCS in 2012 as an IT analyst and worked on various US/UK/Canada projects until 2016. He is also a faculty member at IERT Allahabad. He has teaching and industry experience of more than 10 years. He has written 16 book chapters and 60 papers that have been published in Science Direct (Elsevier)/SCI/UGC/Scopus Indexed Journals. He has presented several research papers at national and international conferences. He has chaired a session at IEEE International Conference on Advance Trends in Multidisciplinary Research and Innovation's (ICATMRI-2020). He has four patents that have been published in The Patent Office Journal. He served as a reviewer for a number of prestigious journals, including Scientific Reports (nature Publication). Clinical and Translational Imaging (Springer), ijlter (Scopus Indexed), and a slew of others. His research interests include Medical Image Processing, Image Processing, Text Extraction, Information Security, and other related fields.