

Session Title:		Technical Poster Session: 1
Session Chair(s):		Nrusingha Pradhan (Central university of Karnataka, India)
1571173283	Mo-TP-S3.1	Design and Analysis of Textile Based Low Cost UWB Monopole Antenna for Wearable Applications Shubhanshi Jain (IISc, India), Prithvisha Gupta (Heritage Institute of Technology, India), Chinmoy Saha (IIST, India)
1571173310	Mo-TP-S3.2	Transmission Based Metasurface for Generating OAM Beams Akash Paramanik (IIT Madras, India), Madasu Venkateswara Rao (Aditya University, India), Krishnamoorthy Chitti and Subramanian Venkatachalam (IIT Madras, India)
1571173476	Mo-TP-S3.3	Loop Antenna Fed Metasurface-Assisted Microwave Sensor for Breast Tumor Detection Kritika Manglesh, Suraj Kumar Das, Animesh Biswas (IIT Mandi, India), Anirban Sarkar (IIT Bombay, India)
1571167936	Mo-TP-S3.4	A High-Efficiency Resistively Loaded Metasurface Absorber for X-Band Operation Chatla Monica and Praveen Kittu B (SRM University, India), Mark Clemente-Arenas (Universidad Nacional Tecnológica de Lima Sur, Peru), Shaik Mohammad Abzal and Rupesh Kumar (SRM University, India)
1571168775	Mo-TP-S3.5	Design and Fabrication of Interaction Cavity for Dual-Band Gyro-TWT Mukesh Alaria, Anju Kumari, Kamlesh Meena and Sanjay Ghosh (CSIR-CEERI, India),
1571169305	Mo-TP-S3.6	Design of a Spherical Cavity Based RF Pulse Compressor Ashok Bansiwala, P. Shalini, V. Nallasamy and Subrata Kumar Datta (DRDO, India)
1571172399	Mo-TP-S3.7	Deep Learning Inspired Design of Pierce Electron Gun for High Power Microwave Sources Mita Jana (DRDO, India), MV Kartikeyan (IIITDM-Kancheepuram, India), Abhishek Jha (IIT Tirupati, India), S K Datta (DRDO, India)
1571173148	Mo-TP-S3.8	Compact Multiple Band Bandpass Filter with Independent Passband Control Using Modified Mushroom Resonator Loaded SIW Cavity Soumit Samadder Chaudhury (ICFAI Foundation for Higher Education, India), Seema Awasthi (IIT Kanpur, India), Rajat Kumar Singh (IIIT Allahabad, India)
1571173182	Mo-TP-S3.9	A Schottky Diode Based Low Loss MMIC SPDT Switch Covering Full W Band Dhruba Das, Md Bodiujjaman Lasker and Sanjay Chaurasiya (SAMEER, India)
1571173206	Mo-TP-S3.10	Design of Concurrent Dual Band 3-dB Wilkinson Power Divider Using Dual-Band Real-to-Real Matching Network Shadab Rabbani (MIT Muzaffarpur, India), Sandip Kumar (Cadence Design Systems, India), Umar Farooque (MIT Muzaffarpur, India), Shriman Narayana (Rajiv Gandhi National Aviation University, India), Ajay Kumar and Pawan Kumar Jaiswal (MIT Muzaffarpur, India)
1571173393	Mo-TP-S3.11	Five-Way Microstrip Antenna Array Tapering Network with Tunability Yinyi Zhao, Arjuna Madanayake and Satheesh Bojja Venkatakrishnan (Florida International University, USA)
1571162371	Mo-TP-S3.12	A Dual-Polarized Triple-Band RDRA by Metal Strip Inclusion Sahin Islam and Susanta Kumar Parui (Indian Institute of Engineering Science and Technology, India), Goffar Ali Sarkar (Kalinpong Government Polytechnic, India)
1571172372	Mo-TP-S3.13	A Compact Substrate-Integrated CRLH Leaky-Wave Antenna for Symmetrical Wideband Beam Scanning for Ku-K Band Applications Priya Rahul, Sudhakar Sahu and Wriddhi Bhowmik (Kalinga Institute of Industrial Technology, India)
1571172491	Mo-TP-S3.14	Design and Development of a Microstrip Monopulse Tracking Antenna Feed for Telemetry Applications Vipin W. Paradkar, Aditi Nagulpelli, Vijayabhaskar N (Larsen & Toubro, India)
1571172962	Mo-TP-S3.15	A Dual Band Novel Flexible Antenna for Wearable Applications Jayanth S Balan and Priyanka Das (VIT, India), Shivam Mishra, Deepak Ram and Somak Bhattacharyya (IIT (BHU), India)
1571173247	Mo-TP-S3.16	A Dual-Band Polarization Reconfigurable Antenna at GNSS and WLAN Frequencies for UAV Applications Qurratul Ayn (NIT Andhra Pradesh, India), Yuvaraj S (IIITDM Kancheepuram, India), Kiran Kumar Gurrula (NIT Andhra Pradesh, India)
1571173287	Mo-TP-S3.17	A Low Profile Circularly Polarized Ramp Fractal Antenna for Vehicular Communication Shalikram Rajpoot and Swati MV (NIT Silchar, India)
1571173390	Mo-TP-S3.18	Empirical Formulations to Determine the Frequencies for Extracting the Geometrical Parameters of the Curved Plate from the Backscattered Data Krishna Mohan Boga and Kandimalla Divyabramham (IIIT Sri City, India), Arijit De (IIT Kharagpur, India)

1571173397	Mo-TP-S3.19	Obtaining Circular Polarization for a Printed Circular Monopole Antenna Hariharan Pippari, Ajay Prudhvi Raj Pasupula and Kamla Prasan Ray (Defence Institute of Advanced Technology, India)
1571173418	Mo-TP-S3.20	Machine Learning-Based Prediction of L-Shaped Filtering Antenna Performance Using Geometric Parameter Optimization Shraddha Hiranwar, Ujwal Hiwase and Ankita Harkare (Shri Ramdeobaba College of Engineering and Management, Nagpur, India), Mahesh P Abegaonkar (IIT Delhi, India)
1571173440	Mo-TP-S3.21	Design and Optimization of a Cylindrical Dielectric Resonator Antenna for THz Body-Centric IoT Applications Rutuja Manish Karemore, Aishwarya Soman, Ritika Chouksey, Nirzara Tijare and Ankita Harkare (Shri Ramdeobaba College of Engineering and Management, Nagpur, India), Mahesh P Abegaonkar (IIT Delhi, India)
1571173495	Mo-TP-S3.22	Design and Development of Square AMC Unit Cell Array to Improve Miniaturized Inverted-F Antenna (MIFA) Performance Varigala Sai Charan Gupta, Sasmita Kumari Nayak and Sanjeev Mishra (International Institute of Information Technology Bhubaneswar, India)
1571157457	Mo-TP-S3.23	Inhouse Tool Development to Generate Holographic Metasurface for 6G Application Pranjali Rarhi (NIT, Rourkela, India), Raju Malleboina (IISc, India), Jogesh Chandra Dash (NIT Rourkela, India), Debdeep Sarkar (IISc, India)
1571172500	Mo-TP-S3.24	A Dual-Layer Wideband R-a-T-R Rasorber for Stealth and EMI Shielding Applications Ranjith Kumar R and Parthasarathy Ramanujam (NIT, Trichy, India)
1571172536	Mo-TP-S3.25	The Synthesis of Pixelated Wideband Through Multiband Metamaterial Absorber (MA) Using Jumping Spider Optimization Algorithm for Electromagnetic Energy Harvesting Applications Prakash Ranjan and Chetan Barde, Shweta Kumari and Neha Sinha (IIIT Bhagalpur, India)
1571173104	Mo-TP-S3.26	A Metamaterial-Inspired Low-Temperature Microwave Sensor for Real-Time Temperature Monitoring S. Sheik Shameer (Sastr University, India), Yih-Chien Chen (Lunghua University of Science and Technology, Taiwan)
1571173373	Mo-TP-S3.27	Antenna Beam Steering Using the near-Field Risley Prism Method: Assessment of Rotated Cells and Supercells for Phase Transformation Metasurfaces Purna B. Samal, Karu Esselle, Dush Thalakatuna and Khushboo Singh (University of Technology Sydney, Australia)
1571173402	Mo-TP-S3.28	Compact Dual Band FSS Absorber with Wider Angular Stability for C and X Bands Murakonda Sainath and Eduru Sreelakshmi (NIT Tiruchirappalli, India), Nrusingha Charan Pradhan (Central University of Karnataka, India)
1571173462	Mo-TP-S3.29	One-Dimensional Angle Insensitive Continuous Beam-Steering Passive Coded Metasurface for Reconfigurable Intelligent Surface Applications Suraj Kumar Das, Ravi Anand and Animesh Biswas (IIT Mandi, India), Anirban Sarkar (IIT Bombay, India)
1571162882	Mo-TP-S3.30	Topology-Driven Performance Assessment of MDI-QKD in Quantum Communication Chandni Bhuaria, Rimjhim Sharma, Shalini Singh and Rajarshi Mahapatra (IIIT Naya Raipur, India)
1571172058	Mo-TP-S3.31	Resolution and Performance Characterization of THz Imaging Systems A. Mercy Latha, Kabilan K and Rishi Ranjan (CEERI, India)
1571173398	Mo-TP-S3.32	Performance Evaluation of a High Capacity MIMO-FSO System with Hybrid Modulation over Long-Distance Atmospheric Links Amudha A and Sriram Kumar (NIT Tiruchirappalli, India)
1571173479	Mo-TP-S3.33	Compact Layered FSS for Third-Order Bandpass Filtering Anitha George, Parambil Abdulla, Vaishnavi M, Karthika S, Harikrishnan P.R and Anju Iqbal (CUSAT, India)
1571160674	Mo-TP-S3.34	Study of Wave Propagation Dynamics for Sub-Terahertz Band 6G Communication Anagha Arun (NIT Rourkela, India), Rajbala Solanki (NUS, Singapore), Jogesh Chandra Dash (NIT Rourkela, India)
1571168701	Mo-TP-S3.35	Filter Bank Multicarrier System Analysis in the Presence of IQ Mismatch KM Shweta, Sanjeev Sharma and Amritanshu Pandey (IIT (BHU), India)
1571172839	Mo-TP-S3.36	Compact Wideband Circularly Polarized Microstrip Antenna with Defected Ground Structure for 5G, Wi-Fi 6E, and C-Band Applications Reshmi Dhara, Sanoj Mahato, Neelam Singh and Tshering Sangmoo Sherpa (NIT Sikkim, India)
1571165704	Mo-TP-S3.37	Scalar Load-Pull Characterization: Calibration and Measurement Techniques Dhiman Sarkar (IISc, India)
1571184565	Mo-TP-S3.38	Non-Invasive Monitoring of Bone Fracture Healing Using a Resonance-Based Microwave Sensor Saurav Kumar Roy, Adarsh Singh, Debasis Mitra and Rik Chattopadhyay (Indian Institute of Engineering Science and Technology, India), Souptick Chanda (IIT Guwahati, India)

1571184629	Mo-TP-S3.39	A Compact Implantable Antenna for Biotelemetry Applications in Arteriovenous Grafts Manogna Naidu Neerukattu (VFSTR University, India), Anil Kumar Nayak (VIT AP University, India), Kambiz Moez (University of Alberta, Canada), Amalendu Patnaik (IIT Roorkee, India)
1571173449	Mo-TP-S3.40	Physiological Responses of Plants to 2.45 GHz Non-Ionizing Electromagnetic Radiation Meenu L, Aiswarya S (Center for Wireless Networks & Applications, India), K. A. Unnikrishna Menon and Sreedevi K Menon (Amrita Vishwa Vidyapeetham, India)
1571173849	Mo-TP-S3.41	SWIPT Enabled IoT Applications Integrated with Overlay CCRN Considering Non-Linearity in Power Amplifiers Srijibendu Bagchi (RCC Institute of Information Technology, India), Joydeep Sengupta (VNIT Nagpur, India)
1571162628	Mo-TP-S3.42	Study of Synthetic Aperture Radar (SAR) Images Under the Purview of Speckle Noise Mitigation Vivek Kumar, Govind Murmu, and Prashant Kumar Varshney (IIT ISM DHANBAD, India)
1571166994	Mo-TP-S3.43	Design & Development of 2.2 KVA Front End Converter for Ku Band Transmitter for Troposcatter Application Khilawan Choudhary, Arun Kumar Singh and S K Datta (DRDO, India)
1571173484	Mo-TP-S3.44	Machine Learning-Assisted Signal Integrity Prediction in High-Speed Interconnects Shilpa Pavithran and Alex James (Digital University Kerala, India)