ICMAP – 2018: Technical Program Schedule

DAY 1: 9th February, 2018

Day	Time	Session	Venue	Session Details	Code	Paper Title | *Author(s)*
9th February, 2018	11:30 pm – 1:30 pm	1P1A	EDC Hall Class Room Chandrasekaran	INVITED TALK	INV-1P1-1	High-Resolution Integrated Microwave Photonic Signal Processing, Amol Choudhary, *Faculty of Science, University of Sydney, Australia*
					INV-1P1-2	Thermo-Optically Tunable Silicon Photonics Devices, Bijoy.K.Das, Indian Institute of Technology, Chennai, India
				CONTRIBUTORY PAPERS **[Optical System I]**	1P1A-077	Tunable Single Passband Microwave Photonic Filter based on direct generation technique, Mohd Ashraf and Rakesh Ranjan
					1P1A-154	Frequency Shifter for Photonic Multiple Microwave Frequency Measurement, Rohit Kumar, Amitesh Kumar and Anju Kumari
					1P1A-179	Microwave photonic rejection filter using stimulated Brillouin scattering, Siva Shakthi A, Anjali Yelikar and Ravi Pant
					1P1A-067	Linearity Analysis of a Frequency Tripled Optically Generated Radio Frequency Signal, Rangana Banerjee Chaudhuri, Arnav Mukhopadhyay and Abhirup Das Barman
					1P1A-211	Demonstration of Terahertz Tunable Filter Using Reconfigurable Metallic Slit Arrays, Sanaz Zarei
					1P1A-288	127 Gb/s 16QAM Signal Generation using Optical DAC, Vinod Bajaj and Arvind Kumar Mishra
		1P1B	EDC Hall Class Room Newton	CONTRIBUTORY PAPERS **[Silicon Photonics]**	1P1B-094	Integrated Silicon Photonics Directional Couplers for WDM Applications, Ramesh K. Gupta, Sujith Chandran, and Bijoy Krishna Das
					1P1B-005	TerraSAR-X based PsInSAR for subsidence mapping of Burgan Oil Field, Kuwait, Pratyusha Gonnuru and Shashi Kumar
					1P1B-198	On-chip Silicon photonics assisted frequency doubling and pulse generation, Vadivukkarasi Jeyaselvan and Shankar Kumar Selvaraja
					1P1B-265	Modal Characteristics of Conventional Slot and Silicon Nanowire Optical Rectangular Waveguide, Ritu Raj Singh and Vishnu Priye
					1P1B-275	Design of Mode Filter Using Bragg Fiber having Asymmetric Loop Boundary, Muzaffar Imam and Devendra Chack
					1P1B-276	Design and performance analysis of MMI based all optical logic gates on SOI substrate, Shamsul Hassan and Devendra Chack
					1P1B-259	Design of ITO based Hybrid Silicon Optical Modulator, Himanshu Ranjan Das and Subhash Arya
		1M1A	EDC Hall Senate Hall	INVITED TALK	INV-1M1	
				CONTRIBUTORY PAPERS **[Microwave Filter]**	1M1A-045	Compact Metamaterial Inspired Dual-Band Bandpass Filter Using Parallel Coupled Line and Circular Shaped Stub, Mohammad Naureen, Dilip Kumar Choudhary and Raghvendra Kumar Chaudhary
					1M1A-084	Bandstop Filter in SIW Technology, Ananya Parameswaran and S. Raghavan
					1M1A-130	Band Pass Filter for Ultra-Wideband T/R Module,Atul Kumar, Krishna Kumar Pandit, Somsing Rathod, Rajashekhar Chowhan P, K Sreenivasulu and K P Ray
					1M1A-232	Design and Implementation of CPW Low Pass Filter with Good Filter Selectivity and Sharpness Factor,M.G. Kulkarni, A.N. Cheeran, K.P. Ray and S.S. Kakatkar
					1M1A-286	An Ultra Wideband Microstrip Bandpass Filter with wide stopband using SIR and DGS,Intekhab Hussain, Sushrut Das and M. G. Tiary
		1M1B	EDC Hall Class Room Bohr	CONTRIBUTORY PAPERS **[Microwave Antenna 1]**	1M1B-036	Coplanar Waveguide fed Dual Band Antenna with Square Slot and DGS for UWB Range, J Gandhimohan and T. Shanmuganantham
					1M1B-040	A Compact Integrated Antenna-Mixer Using Microstrip Circular Patch at 2.4 GHz,Arun Kumar
					1M1B-063	A Compact Modified Star shape Microstrip Patch Antenna for Wideband Application,Som Pal Gangwar, KapilGangwar and Arun Kumar
					1M1B-073	An Enhanced Beam Scanning Leaky-Wave Antenna With Suppressed Open-stop Band,RatneshRanjan and JayantaGhosh
					1M1B-115	A Planar Dual-Band Circularly Polarized Antenna,Mohammad Imroz Khan, Avinash Chandra and Sushrut Das
					1M1B-108	Half Mode Substrate Integrated Waveguide Cavity Backed Antenna With Low Cross-Polarization,Kundan Kumar, ShrutiPriya and Santanu Dwari

ICMAP – 2018: Technical Program Schedule(Contd.)

DAY 1: 9th February, 2018

9th February, 2018	2:30 pm – 4:30 pm	1P2A	EDC Hall Class Room Chandrasekaran	INVITED TALK	**INV-1P2**	Silicon Photonics for Microwave Photonics, Alan Mickelson, University of Colorado Boulder, USA
				CONTRIBUTORY PAPERS **[Optical Devices]**	**1P2A-020**	30-Gb/s Low Power Inductorless CMOS Transimpedance Amplifier for Optical Receivers, Anusha Udaykumar, Raghu Srinivas and Punithavathi Duraiswamy
					1P2A-039	Optoelectronic Oscillator: Electron-photon and photon-electron conversion device, B. N. Biswas, Arindum Mukherjee, N. R. Das and Dia Ghosh
					1P2A-069	Mathematical modelling of extrinsic Fabry-Perot Interferometer cavity, Suman Ranjan and Sanjoy Mandal
					1P2A-071	Unified Coupled Equations for Raman Mediated Interaction in Slow-light Regime, Tanmoy Datta, Akash Kumar Pradhan, Shatrughna Kumar and Mrinal Sen
					1P2A-168	Subcarrier modulation to improve detuning bandwidth of harmonic mode locked fiber lasers, Govind Kumar, Mansoor B and Pradeep Kumar Krishnamurthy
					1P2A-092	Thermal analysis of tetrakis β-diketonate dysprosium complexes for OLED application, Jyoti Priya, Navneet Kumar Gondia and Shailendra Kumar Sharma
		1P2B	EDC Hall Class Room Newton	CONTRIBUTORY PAPERS **[Optical System II]**	**1P2B-078**	Multiple Rhythms in an Optoelectronic Oscillator, Dia Ghosh, Arindum Mukherjee, Nikhil Ranjan Das and B N Biswas
					1P2B-080	High-order harmonic generation below the ionization potential using laser-ablated Indium plume, Mangaljit Singh
					1P2B-165	Fabrication and characterization of solution-processed perovskite photodetector, Aditi Upadhaya, Chandra Mohan Negi, Ajay Singh Verma and Saral Kumar Kumar Gupta
					1P2B-199	Performance Analysis of 16-Channel CWDM System with EDFA and SOA Amplifiers, Annapurna Kumari
					1P2B-093	Design study of a Quasi-Optical Launcher for 2 MW, 170 GHz Coaxial Cavity Gyrotron, Yuvaraj Sivasubramanian, Madan Singh Chauhan, Delphine Alphonsa Jose and Kartikeyan Machavaram
					1P2B-001	On-Chip Four Channal Mult-Casting using a coupled cavity system, Awanish Pandey and Shankar Kumar Selvaraja
					1P2B-170	Modelling of Multicore Erbium Doped Fiber Amplifier, Balbindar Kaur and Subhash C Arya
		1M2A	EDC Hall Senate Hall	INVITED TALK	**INV-1M2**	
				CONTRIBUTORY PAPERS **[Microwave Antenna 2]**	**1M2A-106**	Polarization Reconfigurable HIS Reflector for Dipole Antenna Using Varactor Diode for WiMax Applications, Neha Singh, Kumar Goodwill, Phaniswar Malladi and Machavaram Kartikeyan
					1M2A-120	Compact Dual Frequency Substrate Integrated Waveguide Semi-Ring Loop Slot Antenna, Shruti Priya, Santanu Dwari and Kundan Kumar
					1M2A-124	A Compact 4-port UWB-MIMO/Diversity Antenna for WPAN Application, Rohit Mathur and Santanu Dwari
					1M2A-133	CPW Fed Slot Dipole Antenna with Comb Shape for Satellite Applications, Vemuganti Rahul, Dr.S. Ashok Kumar and Dr.T.Shanmuganantham
					1M2A-134	Design and Performance of Rectangular Patch Heterogenious Antenna on for Wearable Applications,KatuboinaNeelaveni, Dr.S. Ashok Kumar and Dr.T. Shanmuganantham
					1M2A-137	A Fishing hook shaped dipole antenna for broadband circular polarization, Kapil Saraswat, Abhishek Kumar Awasthi and A.R. Harish
		1M2B	EDC Hall Class room Bohr	CONTRIBUTORY PAPERS **[Microwave Antenna 3]**	**1M2B-110**	Design of Wearable Textile Antenna with Various Substrate and Investigation on Fabric Selection,PranitaPotey and Dr.Kushal Tuckley
					1M2B-183	A Compact Printed UWB Monopole Antenna with Triple Band Notch Characteristics, Anirban Karmakar, Jeet Banerjee, Anuradha Saha, Piyali Chakraborty, Paromita Debnath, Piu Das and Anindita Bhattacharjee
					1M2B-065	A High Isolation MIMO Cylindrical Dielectric Resonator Antenna for 4G Applications,Gourab Das and Ravi Kumar Gangwar
					1M2B-112	A Microstrip Feeding Structure to Generate Wideband Circular Polarization in DieletricResonantor Antenna,Rajkishor Kumar, Naveen Mishra and Raghvendra Kumar Chaudhary
					1M2B-187	Miniaturization Of Microstrip Slot Antenna Using SRR And CSRR Loading,Bharath Reddy Gudibandi and Sriram Kumar Damodaran
					1M2B-284	Improved Reflector Backed UWB Fat MonopoleAntenna For GPR Application,Dhiraj K. Singh and Naveena M

ICMAP – 2018: Technical Program Schedule

DAY 1: 9th February, 2018

9th February, 2018	4:45 pm - 6:15 pm	**1P3A**	**EDC Hall Class Room Chandrasekaran**	INVITED TALK	**INV-1P3**	Modeling the Physical Properties of Two-Dimensional Nanomaterials for Optoelectronic Applications, Lok C. Lew Yan Voon, University of West Georgia, USA
				CONTRIBUTORY PAPERS **[Photonic Waveguides]**	**1P3A-239**	Observation of Pulse- Phase Shift in a Highly-Nonlinear Slotted Photonic Crystal Waveguide, Shatrughna Kumar, Tanmoy Datta, Akash Kumar Pradhan and Mrinal Sen
					1P3A-064	Optical modal analysis in H field using Higher Order Compact (HOC) FDM in combination with Conjugate Gradient method, Anup Kumar Thander and Sucharita Bhattacharyya
					1P3A-205	A Plasmonic MIM Bandstop Filter, M Ravi Kumar, Volliboina Abhilash, P Daniel Akhil, Vinay Kumar Killamsetty and Biswajeet Mukherjee
					1P3A-244	Investigation for the efficient interface of strip and PhC Slot waveguide, Chandra Prakash, Haraprasad Mondal, Kamanashis Goswami and Mrinal Sen
					1P3A-264	Guiding of Wave with Opaque Masks, Makoto Morinaga
					1P3A-149	Polarization Insensitive Terahertz Modulator Based on Reconfigurable Metallic Ring Arrays, Sanaz Zarei
		1P3B	**EDC Hall Class Room Newton**	CONTRIBUTORY PAPERS **[Optoelectronic Materials and Devices]**	**1P3B-103**	Polarization Dependent Electro-Optic Effect in SOI Waveguides with Laterally Diffused P-N Junction, Riddhi Nandi and Bijoy Das
					1P3B-123	NIR to green light upconversion emission in Er3+ doped CaTiO3 phosphors, Sasank Pattnaik and Vineet Kumar Rai
					1P3B-283	Modelling of CZTS/ZnS/AZO solar cell for efficiency enhancement, Vallisree Sivathanu, Thangavel Rajalingam, Trupti Ranjan Lenka
					1P3B-082	Fabrication of hydrophobic surfaces from ZnO nanowires via a catalyst-free technique, Rishikanta Mayengbam, S. K. Tripathy and Naorem Khelchand Singh
					1P3B-193	Phase Characterization of a Liquid Crystal Spatial Light Modulator, Alok Kumar Gupta and Naveen Nishchal
					1P3B-195	Demonstration of Plasma Dispersion effect in Silicon-based PN junction Optical Phase Shifter, Dr Subhash Arya
					1P3B-055	First-principle calculations of electronic and elastic properties of LiInTe2 chalcopyrite under different hydrostatic pressures, Satish Chandra and Virendra Kumar
		1M3A	**EDC Hall Senate Hall**	INVITED TALK	**INV-1M3**	Small Antennas for Modern Wireless Communication, Binod Kumar Kanaujia, Jawaharlal Nehru University, New Delhi, India
				CONTRIBUTORY PAPERS **[Microwave Antenna 4]**	**1M3A-175**	Mutual Coupling reduction in Monopole antenna by Graphene Metasurface for THz application, Jeet Ghosh and Sekhar Ranjan Bhadra Chaudhuri
					1M3A-180	Two-Port 3D Printed Trefoil Torus Knot Antenna With Pattern Diversity,S. Vinoth Kumar and A.R. Harish
					1M3A-255	Dielectric Resonator Based Circularly Polarized MIMO Antenna for WLAN Applications,Nikesh Kumar Sahu and Ravi Kumar Gangwar
					1M3A-052	Dual-Mode Dual-Band Modified Slot Coupled Cylindrical Dielectric Resonator Antenna,Anand Sharma, Ravi Kumar Gangwar, Gourab Das, Abhishek Kumar Sukhija and G.S. Reddy
					1M3A-197	Design of a wideband Unidirectional Antenna for Microwave Head Imaging System,Tanmaya Kumar Das and Santanu Kumar Behera
		1M3B	**EDC Hall Class Room Bohr**	CONTRIBUTORY PAPERS **[Microwave Antenna 5]**	**IM3B-145**	Miniaturization and Bandwidth Enhancement of a Dipole Antenna using Graphene-based RIS,GopinathSamanta
					IM3B-157	Compact Four-element 8-Shaped Self-Affine Fractal UWB MIMO Antenna,RohitGurjar, Dharmendra K. Upadhyay and Binod K. Kanaujia
					IM3B-160	Planar Ultra Wideband (UWB) Filtenna Using Hexagonal Shape Structure,Jolly Hanna Kindo, Lalit Kumar and Manoj Singh Parihar
					IM3B-272	Triple Band Dual Polarized Planar Slot Antenna, Mohammad Imroz Khan, Avinash Chandra and Sushrut Das
					IM3B-172	A Compact Triple-band Multi-polarized Slot Antenna for WLAN / WiMAX Application, SritamaDutta, KahaniKumari, DebdeepSarkar and Kumar VaibhavSrivastava
					IM3B-174	High Efficiency Low Power Series Diode Rectifier Design,Aggraj Gupta, UdayabhaskarPattapu and Sushrut Das

ICMAP – 2018: Technical Program Schedule (Contd.)

DAY 2: 10th February, 2018

Day	Time	Session	Venue	Session Details	Code	Paper Title | *Author(s)*
10th February, 2018	9:00 am - 11:15 pm	2P1A	EDC Hall Class Room Chandrasekaran	INVITED TALK	INV-2P1A	Demonstration of Indigenous 320 x 256 Focal plane arrays: a journey from investigation of varying QD heterostructures and devices, to ultimate demonstration of the thermal imaging sensor array, Subhananda Chakrabarti, Indian Institute of Technology, Mumbai, India
					INV-2P1B	Design and optimisation of compact photonic sensors, B M A Rahman, City, University of London, UK
				CONTRIBUTORY PAPERS **[Photonic nanostructures]**	2P1A-282	Structural, Optical and Electrical properties of chlorine doped ZnO nanorods for photovoltaic applications, Pooja Sahoo, Akash Sharma, R. Thangavel
					2P1A-227	Size Dependent Triboelectric Nanogenerator and Effect of Temperature, Shatrudhan Palsaniya, Harshal B. Nemade and Ashok Kumar Dasmahapatra
					2P1A-047	Effect of Silver nanoparticle in the Upconversion Produced by Er3+/Yb3+ codoped TWPO Glass, Md Azam and V K Rai
					2P1A-121	Intense green upconversion emission in Ho3+ doped Y2MoO6 nanophosphors, Manisha Mondal and Vineet Kr Rai
					2P1A-216	Enhancement of defect induced micro-photoluminescence intensity in Er doped ZnO, Rizwana Khanum, Moirangthem Rakesh Singh Singh and Nayan Mani Das
					2P1A-220	Width-Modulated Tapered Air-Slot based Photonic Crystal Nanocavity, Akash Kumar Pradhan, Tanmoy Datta, Partha Saha and Mrinal Sen
		2P1B	EDC Hall Class Room Newton	CONTRIBUTORY PAPERS **[Optical Imaging]**	2P1B-037	Laser bio-speckle technique to study bruising caused by height of impacts on Indian Apple using Intensity based algorithms, Shubhashri Kumari, Chhanda Koley and Anil Kumar Nirala
					2P1B-117	Assessment of skin fibrosis using Mueller matrix polarimetry, Sujatha Narayanan Unni and Mahima Sharma B S
					2P1B-176	Use of Correlation coefficient based image analysis scheme for improved accuracy in focal length measurement, Shashi Prakash and Shivangi Bande
					2P1B-177	An image encryption scheme employing quick response code, Avishek Kumar and Naveen Nishchal
					2P1B-140	Virtual optical encryption using phase shifted digital holography and RSA algorithm, Amit Chatterjee, Jitendra Dhanotia, Vimal Bhatia and Shashi Prakash
					2P1B-144	Fringe Projection Profilometry based Secured Fingerprint Sensor, Puneet Singh, Amit Chatterjee, Vimal Bhatia and Shashi Prakash
		2M1A	EDC Hall Senate Hall	INVITED TALK	INV-2M1	**Huygens Radiators: A Concept for Conformal Antenna Design, Omar Ramahi and Mohamed Elbadawe, University of Waterloo, Canada**
				CONTRIBUTORY PAPERS **[Microwave Source , RF sensor and Microwave Imaging]**	2M1A-201	Microwave Reflectometry based Technique for Detection of Hidden Crevasses in Glacier, Sanjeev Kumar R, ZubairAkhter, Vikesh Singh Bhadouria, M. JaleelAkhtar and AnimeshBiswas
					2M1A-204	Soil Moisture Detection using CSRR based Submersible RF Sensor,AmanVerma, Nilesh Kumar Tiwari and M.J. Akhtar
					2M1A-171	Design of Metalo-Dielectric Metasurface for Field Redistribution and Image Quality Improvement for MRI Application,KeshavSamratModi, SatyaPratap Singh, UmeshTiwari and Ravindra Kumar Sinha
					2M1A-238	Microwave Imaging of Subsurface Defects in Dielectric Structures Using Complementary Split Ring Resonator,GreeshmajaGovind, Nilesh Kumar Tiwari, Kapil Kumar Agrawal and M JaleelAkhtar
					2M1A-068	Time-Dependent Multimode Analysis of a 170 GHz Cylindrical Cavity Gyrotron,Ashutosh Singh and Pradip Kumar Jain
					2M1A-010	Effect of Surface Roughness on Bandwidth of a High Frequency Multiple Beam Klystron Cavity,Ashok Bansiwal, Sushil Raina
					2M1A-013	Novel Dual Frequency Circulator for POW-RFID, Peter Kuhn, Frederic Meyer and Gerd Vom Boegel
		2M1B	EDC Hall Class Room Bohr	CONTRIBUTORY PAPERS **[MICROWAVE REMOTE SENSING]**	2M1B-030	Estimating Root Zone Soil Moisture from AMSR2 Remotely Sensed Surface Soil Moisture Data,Anudeep Sure, DivyeshVarade and OnkarDikshit
					2M1B-033	Ground based bistaticscatterometer measurement of rice crop at C-band in the specular direction,Ajeet Kumar Vishwakarma, Rajendra Prasad, Dillep Kumar Gupta, Pradeep Kumar and Varun Narayan Mishra
					2M1B-038	SpaceborneBistaticPolarimetric SAR for Scattering Analysis and Classification Of Man-made And Natural Features,AksharTripathi, Shashi Kumar and SandeepMaithani
					2M1B-072	Analysis of decomposition methods for classification of land-cover targets based on RISAT-1 Hybrid SAR images, Atasi De, Dheeraj Kumar and Parul Patel
					2M1B-097	C-band SAR Interferometry for Change Detection Analysis in Krishna River Delta,PratyushaGonnuru and Shashi Kumar
					2M1B-099	Microwave Remote sensing for snow parameters retrieval using multi-frequency spaceborne SAR data, ShubhamAwasthi, Shashi Kumar, Praveen Kumar Thakur and Snehmani
					2M1B-111	Automatic Extraction of Built-up from SAR Imagery, ChetnaSoni, Manoj Joseph, A. T. Jeysleen and J. R. Sharma

ICMAP – 2018: Technical Program Schedule (Contd.)

DAY 2: 10th February, 2018

10th Feburary, 2018	11:30 am - 1:30 pm	**2P2A**	**EDC Hall Class Room Chandrasekaran**	INVITED TALK	INV-2P2A	Ajoy Kar, Heriot-Watt University, UK
					INV-2P2B	Gallium Nitride LED : A Packaging Perspective, Prabakaran Poopalan, Universiti Malaysia Perlis, Malaysia
				CONTRIBUTORY PAPERS **[Optical Networks]**	2P2A-125	Generation of Optical Frequency Comb by Cascading of Mach-Zehnder Modulator and Phase Modulator with Polarization Controller, Jyoti Kumari, Ujjwal Yadav and Jaisingh Thangaraj
					2P2A-129	Transmission Performance of DMT for Optical Metro Access Network using Chirped Fiber Bragg Grating, Raman Jee and Somnath Chandra
					2P2A-138	Optimal of Wavelength Converter Deployment in WDM Optical Networks, Shrinivas Petale and Jaisingh Thangraj
					2P2A-169	RBF Neural Network Nonlinear Equalizer for 100G 16-QAM Coherent Optical System, Syed Ahmad and Pradeep Kumar K.
					2P2A-184	Efficiency Estimation of all Optical Contension Detection in Optical Router for 60 Gbps, Dilbag Singh and Surinder Singh
					2P2A-254	Routing modulation and spectrum assignment under spectrum conversion in elastic optical networks, Upama Vyas and Shashi Prakash
					2P2A-086	Constant Temperature based Current Driven Laser Diode Driver for Stabilized Wavelength in DWDM Communication, Gireesh Gaurav Soni, Abhishek Tripathi and Saurabh Tokikar
		2P2B	**EDC Hall Class Room Newton**	CONTRIBUTORY PAPERS **[Non-linear and Ultra-fast Optics]**	2P2B-027	Evolutionary Algorithms for Designing Metalenses, Krupali Donda and Ravi S. Hegde
					2P2B-139	Comparison of 3D sensing algorithms for single shot fringe projection profilometry, Jitendra Dhanotia, Amit Chatterjee, Shashi Prakash and Vimal Bhatia
					2P2B-141	Hilbert transform based phase extraction algorithm for fringe projection profilometry, Amit Chatterjee, Puneet Singh, Vimal Bhatia and Shashi Prakash
					2P2B-209	An all-optical ultra-compact 4-channel wavelength de-multiplexer, Haraprasad Mondal, Kamanashis Goswami, Chandra Prakash and Mrinal Sen
					2P2B-228	Intensity Dependent Optical Phase Variation in Nonlinear Fiber Bragg Grating, Santosh Pawar, Poonam Namdeo, Poornima Kapoor and Shubhada Kumbhaj
					2P2B-241	Simulation and Experimental Studies on Retro Reflection For Optical Target Detection, Raghavendra S. Solanki and Vrinda Khurana
					2P2B-158	Effect of Temperature on Manakov Solitons in Biased Photorefractive Photovoltaic media, Aavishkar Katti and R.A Yadav
		2M2A	**EDC Hall Senate Hall**	INVITED TALK	INV-2M2	Microwave Applicators for Hyperthermia Treatment of Cancer: An Overview, S. P. Singh, IIT (BHU), Varanasi, India
				CONTRIBUTORY PAPERS **[RADAR]**	2M2A-008	Electromagnetic Design, Fabrication and Analysis of Carbon Veil based Radar Absorbing Composite for Aerospace Applications,HimangshuBaskey, Rudresh Kumar, Alok Dixit, TrilokShami and Eswara Prasad
					2M2A-102	Characterising Radar Cross Section Signature for Evaluation in Test range,PravakarMallick, Milan Kumar Pal, Arun Kumar Ray and Raghvendra Kumar Chaudhary
					2M2A-132	4 Channel X-Band Compact Microwave Monopulse Receiver for an Airborne Radar,Veerendra Mittapally, Gangadhara M and Rama Krishna Reddy B
					2M2A-026	Wideband Tree shaped SIW antenna for RADAR Applications,K Bharath Kumar and T. Shanmuganantham
					2M2A-285	300 Watt GaN Based Transmitter for Secondary Surveillance Radar Application, Amit Tiwari,R. C. Yadav
					2M2A-257	A Flexible Corrugated Vivaldi Antenna for Radar and See-Through Wall Applications, PratulNijhawan, Arvind Kumar and YashashchandraDwivedi
		2M2B	**EDC Hall**	INVITED TALK	INV-2M2	
			EDC Hall Class Room Bohr	CONTRIBUTORY PAPERS **[APPLICATION OF MICROWAVE ENERGY]**	2M2B-024	Motion Detection and Tracking using Microwave sensor for eliminating illegal mine activities,Pritam Singh, S. K. Chaulya, Vinod Kumar Singh and TanmoyaNemaiGhosh
					2M2B-074	Enhancing Microwave properties of epoxy resin at 2.45 GHz using graphite particles for Microwave Processing Application, Ranu Pal, M.J. Akhtar and Kamal K. Kar
					2M2B-075	Microwave frequency-Electromagnetic Field 10 GHz Radiation Exposure Impact on Rat Skin: An Oxidative Stress Insight,Asheesh Gupta, Saurabh Verma, Kumar Vyonkesh Mani, Gaurav Kumar Keshri, Santanu Karmakar, AnjuYadav and Manish Sharma
					2M2B-081	Categorization of Concealed Radioactive Waste for Microwave Treatment,VikeshBhadouria, ZubairAkhter, M. JaleelAkhtar and PrabhatMunshi
					2M2B-059	A Compact Microstrip Patch Antenna with Five Circular Slots for Wideband Applications, Som Pal Gangwar, KapilGangwar and Arun Kumar
					2M2B-287	Design of a High Perfomance Bias Tee and Its Application to a Switchable True Time Delay Line, Ayush Kumar, Abinash Kumar Singh, Joydeb Mandal, Mrinal Kanti Mandal

ICMAP – 2018: Technical Program Schedule (Contd.)

DAY 2: 10th February, 2018

10th February, 2018	3:00 pm - 4:30 pm		EDC Hall Class Room Chandrasekaran	**INVITED TALK**	**INV-2P2C**	**Design Methodologies for Survivable Elastic Optical Networks with Guardband-Constrained Spectral Allocation, Debasish Datta, IIT (ISM) Dhanbad**
		POSTER SESSION	**EDC Hall Senate Hall**	CONTRIBUTORY POSTERS [PHOTONICS]	PP-014	Reliability of Histogram sliding and Co-occurrence matrix for maturity and ripe stage decision of fruits by Laser bio-speckle technique, Shubhashri Kumari and Anil Kumar Nirala
					PP-058	Rectangular Waveguide based SOI Ring Resonator Filter, Ritu Raj Singh, Soumya Kumari and Vishnu Priye
					PP-061	Optical Limiting Function in Nonlinear Long Period Grating, Vishal Jain, Santosh Pawar, Shubhada Kumbhaj and Pranay Kumar Sen
					PP-087	Modal Analysis in Multimode Soi-based Rib Waveguide with Large Cross Section, Veer Chandra and Rakesh Ranjan
					PP-101	Achievable Rate Analysis of Cooperative Relaying Systems based on Opportunistic - Non Orthogonal Multiple Access Scheme, Pranav Kumar Jha, S Sushmitha Shree and D. Sriram Kumar
					PP-109	Efficient Spectrum Allocation Scheme for Elastic Optical Networks, Neha Mahala
					PP-128	Traffic Contention Resolution by Providing Optical delay in WDM network, Rakesh Maurya, Jaisinsh Thangaraj and Vishnu Priye
					PP-146	Brainy Streets, Dev Savla, Heet Savla and Krishna Bhatt
					PP-152	FBG Based Optical Surveillance Network for Oil and Gas Pipelines, Abhinav Gautam, Amitesh Kumar, Ritu Raj Singh and Vishnu Priye
					PP-200	Light based Positioning and Communication System, Tejas Joshi and Sanif Mujawar
					PP-231	Performance Analysis of GMPLS Optical Network with Multiservice Queueing model, Murla Bhumi Reddy, Jaisingh Thangaraj and Vishnu Priye
					PP-233	Input Laser Power Criterion for Oscillation in a Single Loop OEO, Kousik Bishayee, Shantanu Mandal, Arindum Mukherjee, Baidyanath Biswas and Chandan Kumar Sarkar
					PP-234	Fuzzy logic based Master-slave controller for Paralleling DC-DC converters in LED applications, Vijaya Bhaskar, Aditya Raj and Niroshini Arul
					PP-240	Supercontinuum generation through nanowire As2S3 chalcogenide core photonic crystal fiber, Sweta Rani, Akash Kumar Pradhan, Shatrughna Kumar and Mrinal Sen
					PP-243	A slotted photonic crystal ring resonator for refractive index sensing, Partha Saha, Rashmi Kumari, Akash Kumar Pradhan and Mrinal Sen
					PP-248	Precise Angular Rotation Measurement Using Optical Fiber Gyroscope, Amrit Kaur Manhas, Khyati Sharma, Pradnya Patil, Priyanka Dhage, Arpit Rawankar and Libin Sibichan
					PP-253	Review of Development of AlOx/SiNy Layer Stack in Passivated Emitter Rear Cell(PERC) using Different Process Technologies, Sudipta Banerjee and Dr. Mukul Kumar Das
					PP-256	Linear properties of AIIBIVN2V compounds, Manisha Rautela, Nayanee Singh, Gourav Kumar, Satish Chandra and Virendra Kumar
					PP-267	Interleaved PN junction Waveguide for Optical Phase Shifter, Dr Subhash Arya and Aparna Tiwari

ICMAP – 2018: Technical Program Schedule (Contd.)

DAY 2: 10th February, 2018

10th February, 2018	3:00 pm - 4:30 pm	POSTER SESSION	EDC Hall Senate Hall	CONTRIBUTORY POSTERS [MICROWAVE]	PM-035	A Novel SRR Loaded Shivling Shaped CPW Fed Wearable Antenna for EEG Monitoring Applications, Sajith K and T. Shanmuganantham
					PM-046	Design and implementation of filtenna at GSM band using DGS, Dr.Laxmi Shrivastava and Richa Chaturvedi
					PM-131	Gain Improvement of Circular Patch Antenna with Frequency Selective Surface, Praful Ranjan and Anoop Kumar Sagar
					PM-142	Design and Simulation of Ku Band GaN HEMT Balanced High Power Amplifier, VivekRatnaparkhi and Anil Hiwale
					PM-162	PARAMETRIC ANALYSIS OF COMPACT MIMO WIDEBAND ANTENNA WITH DIFFERENT DEFECTED GROUND STRUCTURES FOR WIRELESS COMMUNICATION, Trisha Ghosh and Sneha Sandilya
					PM-163	Antipodal Vivaldi antenna with reduced size for WLAN application, SnehaTiwari and Trisha Ghosh
					PM-166	Efficient Design of an Ultra-Wideband Terahertz Metamaterial Absorber, Tarakeswar Shaw and DebasisMitra
					PM-221	E-shaped DGS Microsrip Patch Antenna for Wi-Max Applications, VenuAdepu, Ashok Kumar Srinivasan and T. Shanmuganantham
					PM-223	Band Stop Filter Using Microstrip Line Loaded With Octagonal SRR, Ajay Kumar Pandey, Monika Chauhan, Biswajeet Mukherjee and M.Ravi Kumar
					PM-242	Multiband Handset Antenna using C Shaped Metal Strip and Defected Ground Structure, Shivani Singh, GagandeepBharti and Pradutt Bharti
					PM-245	Assimilation of microwave radiance observations and retrieval of atmospheric constituent profiles from vertical sounding spectra in the millimeter and sub-millimeter wave range, Catherin Sebastian and Shashi M
					PM-269	High Resolution CSRR Loaded Microstrip Line Resonator for Dielectric Sensing Application, Subhasish Pandav and Surya Prakash

ICMAP – 2018: Technical Program Schedule (Contd.)

DAY 2: 10th February, 2018

10th February, 2018	4:45 pm – 6:15 pm	2P3A	EDC Hall	INVITED TALK	INV-2P3	On-chip Nanophotonic Devices for Optical Communication and Interconnects, Mukesh Kumar, Indian Institue of Technology, Indore, India
			EDC Hall Class Room Chandrasekaran	CONTRIBUTORY PAPERS **[Quantum Structures]** **SC:**	2P3A-019	Electrical, Optical and Photoresponse Charactersitics of P3HT:PCBM Bulk heterojunction device, Anjali Yadav, Chandra Mohan Negi, Saral Gupta and Ajay Verma
					2P3A-029	Photo response of P3HT: PCBM/SWCNT bulk hetrojunction device, Priyanka Rathore, Chandra Mohan Singh Negi, Saral Kumar Gupta and Ajay Singh Verma
					2P3A-070	Thermal Analysis of a Non-polar, M-plane III-nitride Quantum Cascade Detector, Sumit Saha, Sweta Rani, Ahna Sharan, Bhubon Ch. Mech and Jitendra Kumar
					2P3A-090	Effect of InGaAs as a Strain Reducing Layer on Molecular Beam Epitaxy grown InAs Quantum Dots, Jhuma Saha, Debiprasad Panda, Debabrata Das and Subhananda Chakrabarti
					2P3A-156	Poly(3, 3"'-dialkylquaterthiophene)/ZnO Quantum Dots Based Hybrid P-N Junction Diode, Chandan Kumar, Gopal Rawat, Hemant Kumar Bhatt, Yogesh Kumar, Smrity Ratan, Ashwini Kumar Mishra, Rajiv Prakash and Satyabrata Jit
					2P3A-002	Bandgap Engineered HgCdTe Nano-Crystal Based Hetero-Junction Infrared Sensor, Abhijit Chatterjee and Dr. K.S.R.K Rao
					2P3A-281	Synthesis, charecterization, and investication of ambipolar behaviour on FeVO4 nanocrystals, M. Malaidurai, Venkat Bulusu, R. Thangavel
		2P3B	EDC Hall Class Room Newton	CONTRIBUTORY PAPERS **[Photonic Crystals]** **SC:**	2P3B-003	Highly Birefringence Decagonal Photonics Crystal Fiber with Low confinement Loss and Small Effective Area, Moutusi De, Sugandha Das and Vinod Kumar Singh
					2P3B-022	Structural dependence of band structure in 1D Magnetized Plasma Ferrites Photonic Crystals, S. Prasad, Y. Sharma, A. Aman and S. Shukla
					2P3B-050	Wavelength-tunable ultrashort soliton generation in gas filled kagome hollow core photonic crystal fiber, Sneha Sharma, Dharmendra Kumar and Jitendra Kumar
					2P3B-066	Transmission spectrum of a Photonic Crystal Ring Resonator with different bus configurations: Simulation based Observation, Neeraj Sunil, Jayakrishnan V, Harish Somanathan and Alok Kumar Jha
					2P3B-279	Elliptical-Core Chalcogenide Photonic Crystal Fiber With Nano-sized Capillaries For Broadband and Tunable Mid-IR Supercontinuum Generation, G. Thavasi Raja
					2P3B-274	Growth and Characterization of GeSn Alloys using RF Sputtering, Ravi Ranjan, Kuntal Burman and Mukul Das
					2P3B-155	Effect of Longitudinal and Shear stress on Photonic Crystal based Ring Resonator, V. Arvind Rameshwar, Aditya Dusi, Balasubramanian M., Poorna Lakshmi U. and Prasant Kumar Pattnaik
		2M3A	EDC Hall Senate Hall	INVITED TALK	INV-2M3	**Maxwell's Children Remove the Bottleneck between Microwave Electronics and Lightwave Technology, B. N. Biswas, SKFGI, Education Division, Mankundu, Hooghly, India**
				CONTRIBUTORY PAPERS **[Metamaterial]**	2M3A-006	Negative refractive index metamaterial for enhancing radiation directivity in S-band, Amit Baghel and Sisir Kumar Nayak
					2M3A-044	Polarization-angle Insensitive Metamaterial Absorber for Wide Incident Angles, Suresh Chejarla, Sreenath Reddy Thummaluru and Raghvendra Kumar Chaudhary
					2M3A-048	Effect of Substrate on The Performance of Metamaterial Based Absorber, Sajal Agarwal and Yogendra Kumar Prajapati
					2M3A-167	A Compact Ultrathin Triband Metamaterial Absorber,AlokRanjan and Jayanta Ghosh
					2M3A-222	A Dual Band Wearable Metamaterial Absorber with Reduced Cross-Polarized Reflection, Gobinda Sen, Mukesh Kumar, SkNurul Islam and Santanu Das
					2M3A-247	Design of Dual-Band Dual-Directional Metamaterial Absorber for Space Application,Saikat Chandra Bakshi and DebasisMitra
					2M3A-181	A compact dual-band open-ended metamaterial antenna for microwave frequency applications, Naveen Mishra, Rajkishor Kumar and Raghvendra Kumar Chaudhary
		2M3B	EDC Hall Class Room Bohr	CONTRIBUTORY PAPERS **[DIELECTRIC RESONATOR ANTENNA]**	2M3B-147	A Wideband Plus shaped Split Dielectric Resonator Antenna for Wireless Applications,MdMuzammilSani, RakeshChowdhury and Raghvendra Kumar Chaudhary
					2M3B-159	Dual Band Circularly Polarized Dielectric Resonator Antenna for X-Band Applications, Anuj Kumar Sahoo, Ravi Dutt Gupta and Manoj Parihar
					2M3B-289	Compact two-element cylindrical dielectric resonator antenna array for quad-band applications, Anshul Gupta and Ravi Kr Gangwar
					2M3B-207	Four element composite triangular dielectric resonator antenna for X-Band applications,PreetiKumari, PankajTripathi, BhagirathSahu, Om Parkash, S. P. Singh and Devendra Kumar
					2M3B-208	Dual segment cylindrical dielectric resonator antenna excited by a novel composite feed, Pankaj Tripathi, Preeti Kumari, Bhagirath Sahu, Om Parkash, S. P. Singh and Devendra Kumar
					2M3B-114	Wideband Multi-segment Dielectric Resonator Antenna for MIMO Applications, Tripta Kumari and Ravi Kumar Gangwar

ICMAP – 2018: Technical Program Schedule

DAY 3: 11th February, 2018

Day	Time	Session	Venue	Session Details	Code	Paper Title | *Author(s)*
11th Feburary, 2018	9:00 am - 11:15 pm	**3P1A**	**EDC Hall Class Room Chandrasekaran**	INVITED TALK	INV-3P1	Role Of Microwave And Photonics For Smart Connectivity: A Thruster To The New Technology And Industry Revolution, Ramjee Prasad, Aarhus University, Herning, Denmark
				CONTRIBUTORY PAPERS **[Optical Communication]** **SC:**	3P1A-021	Transmission of Polarization Division Multiplexed 25-Gb/s Data at 1.55 μm Over 2 km OM1 Fiber, Debi Pada Jana, Subhradeep Pal, Arvind K. Mishra and Sumanta Gupta
					3P1A-051	Terabit Nyquist superchannel transmission using PM-QPSK subchannels, Divya Sharma and Dr. Y. K. Prajapati
					3P1A-083	Wavelength Dependent Crosstalk Properties in Heterogeneous Two Core Multicore Fibers, Umar Farooque and Rakesh Ranjan
					3P1A-135	Performance enhancement of a novel 2-D code based atmospheric OCDMA system, Ajay Yadav, S Kar and V K Jain
					3P1A-126	Optimal Spectral Slot Width Assignment in Flexible Grid Elastic Optical Network, Ujjwal Yadav and Jaisingh Thangaraj
					3P1A-263	Performance Analysis of Crosstalk in Homogeneous Multi - core Optical Fiber due to Inter - core Coupling, Afzal Hossain and Satya Prashad Majumder
		3P1B	**EDC Hall Class Room Newton**	CONTRIBUTORY PAPERS **[Thin Film structures]** **SC:**	3P1B-190	Fabrication and characterization of chalcogenide micro-spheres for application in communication band, Akhileshwar Mishra and Ravi Pant
					3P1B-250	Detection of N,P,K Fertilizers in Agricultural Soil with NIR Laser Absorption Technique, Arpit Rawankar, Mayurkumar Nanda, Hemant Jadhav, Prem Lotekar, Rahul Pawar, Libin Sibichan and Akshay Pangare
					3P1B-028	Electrical and Optical properties of MEH-PPV:Fullerene(C60) based devices, Nidhi Sharma, Chandra Mohan Negi, Saral Kumar Gupta and Ajay Verma
					3P1B-062	Optical properties of graphene under different hydrostatic pressures, R Santosh and V Kumar
					3P1B-091	Investigation of strain-profile and optoelectronic properties of In(Ga)As/GaAs Trilayer QDIP, Debiprasad Panda, Jhuma Saha, Saikalash Shetty and Subhananda Chakrabarti
					3P1B-280	Cost-effective fabrication of Cu2CoSnS4 thin films for thin film photovoltaics, Akash Sharma, R. Thangavel
					3P1B-122	Optical studies in Er3+ doped SrY2O4 upconverting phosphors for display devices, L Mukhopadhyay and V K Rai
					3P1B-164	On Contacts to III-nitride deep-UV emitters, Biplab Sarkar, Pramod Reddy, Andrew Klump, Robert Rounds, Mathew Breckenridge, Brian Haidet, Seiji Mita, Ronny Kirste, Ramon Collazo and Zlatko Sitar
		3M1A	**EDC Hall Senate Hall**	INVITED TALK	INV-3M1	
				CONTRIBUTORY PAPERS **[Microwave ANTENNA 6]**	3M1A-213	A 4×4 Slot MIMO antenna for WLAN Application, Sonika Biswal and Sushrut Das
					3M1A-194	Five Points Method of Calibration for Six-Port Receivers, Jigisha Das, Srimoyi Roy, Rijubrata Pal and Mrinal Kanti Mandal
					3M1A-249	Wideband Circular Polarized CPW Fed Antenna for Bluetooth Applications, SkNurul Islam, Mukesh Kumar, G Sen and S Das
					3M1A-161	A Compact Polarization Reconfigurable Square Slot Antenna for WiMAX,RuchiVarma, ZebaEqbal and JayantaGhosh
					3M1A-053	Dual-Mode Slot Coupled Ring Dielectric Resonator Antenna with Diversified Radiation Characteristics,Surbhi Gupta, Anand Sharma and Ravi Kumar Gangwar
					3M1A-273	A Dual Wideband Monopole antenna for GSM/ UMTS/LTE/WiFi/and Lower UWB Application, Rakesh Roshan, Seetaram Prajapati, Harshita Tiwari and Greeshmaja Govind
		3M1B	**EDC Hall Class Room Bohr**	CONTRIBUTORY PAPERS **[MICROSTRIP PLANAR COMPONENTS AND CIRCUITS]**	3M1B-079	Reflection-Type Dispersive Delay Line using Stepped Impedance Stub, JoydebMandal, MrinalKantiMandal and Ravi Shaw
					3M1B-095	A Broadband Hybrid GaNCascode Low Noise Amplifier for WiMax Applications, Anwar Jarndal and AmerBassal
					3M1B-104	Multi-Mode Resonator Based Asymmetric Broadband 10dB Directional Coupler, Pratik Mondal and Susanta Kumar Parui
					3M1B-192	A Wideband Single Balanced Diode Mixer,Chandrima Bose, Rijubrata Pal and MrinalKantiMandal
					3M1B-236	Compact Antenna based on SRR using Radial Stub as Virtual Ground for Wireless Applications, Ruchita Sonak, Mohammad Ameen and Raghvendra Kumar Chaudhary
					3M1B-219	A Frequency Tripler with Suppressed Harmonics for Millimeter-wave Applications, Kumari Pushpa and Priyanka Mondal
					3M1B-266	Novel design of Multi Band Compact Planar RF Sensor for Liquid Testing, Nilesh Tiwari, Surya Singh, Debasish Mondal and M Jaleel Akhtar
					3M1B-188	A Wideband 1:2 T-Junction Power Divider for Antenna Array with Optimum Results, AnushkaTiwari, UdayabhaskarPattapu and Sushrut Das

ICMAP – 2018: Technical Program Schedule

DAY 3: 11th February, 2018

11th Feburary, 2018	11:30 am - 1:30 pm	**3P2A**	**EDC Hall Class Room Chandrasekaran**	CONTRIBUTORY PAPERS **[Plasmonic Waveguides]** **SC:**	3P2A-015	Resonant behaviour of coupled plasmonic waveguide structure and its application in sensing, Jayeta Banerjee and Mina Ray
					3P2A-018	Asymmetric Resonance based Nanosensor With Enhanced Detection Efficiency Using Dual Stub Coupled Plasmonic Waveguide, Sushmita Paul and Mina Ray
					3P2A-025	Optical Response of Dielectric Waveguides loaded with Compound Plasmonic Resonators, Hardik Vyas and Ravi Hegde
					3P2A-278	Study of Sequential Nanoimprint Lithography Using Optical Disc on Polymer Coated Plastic Substrate, Saswat Mohapatra, Rakesh S. Moirangthem
					3P2A-151	Hybrid Plasmonic Waveguide with Air-slice and dielectric-slot for Sub-wavelength Optical Confinement, Tarun Sharma and Sandeep Dahiya
					3P2A-023	Modification in luminescence properties tailored by Y3+ incorporation in SrGd1.94Eu0.06O4 host for lighting applications, Jyoti Singh and Jairam Manam
		3P2B	**EDC Hall Class Room Newton**	CONTRIBUTORY PAPERS **[Optical Sensors]** **SC:**	3P2B-007	Polymer Clad Silica Fiber for Refractive Index Sensing Application, Tulika Khanikar, Akhilesh Pathak and Vinod Singh
					3P2B-011	Polyaniline modified u-bent fiber-optic pH sensor for physiological use, Sutapa Chandra and Soumyo Mukherji
					3P2B-049	U-bend optical fiber pH sensor using multiple sol-gel coating over TiO2, Akhilesh Pathak, Tulika Khanikar and Vinod Singh
					3P2B-088	FBG Sensing system to Study the Bridge Weigh-in- Motion for Measuring the Vehicle parameters, Sravanthi Alamandala and Putha Kishore
					3P2B-277	Non invasive blood components measurement using optical sensor system interface, Pamshangphy Raikham, Rohit Kumar, Rahul Kumar Shah, Mery Hazarika and R K Sonkar
					3P2B-185	Optical sensors in Moment of Inertia measurement, Raghavendra Kalakuntla, Subba Rao E. V, Pradeep Kumar Vutla and Gopinath S
					3P2B-153	FBG Based Sensing Architecture for Traffic Surveillance in Railways, Abhinav Gautam, Ritu Raj Singh, Amitesh Kumar and Vishnu Priye
		3M2A	**EDC Hall Senate Hall**			
				CONTRIBUTORY PAPERS **[WAVE GUIDE COMPONENTS]**	3M2A-089	Design of a 6 GHz TE10 to TE30 Mode Converter, Andrews Joseph, Abu Alex Aravindnath, Pramod K Sharma and K.C James Raju
					3M2A-182	A Twisted Slotted Waveguide Array Antenna With High Gain Performance, Avinash Chandra and Sushrut Das
					3M2A-189	Metal Assited Slot Waveguide Biochemical Sensor, SulabhSrivastava, Lalit Singh, SurbhiTidke and Mukesh Kumar
					3M2A-217	Numerical Analysis of an Unmatched Bøifot Junction for X-band Orthomode Transducer Applications, AshmiChakraborty Das and Santanu Dwari
		3M2B	**EDC Hall Class Room Bohr**	CONTRIBUTORY PAPERS **[ARRAY ANTENNA]**	3M2B-113	A 2.45 GHz Harmonic suppression array antenna for Rectenna Application, UdayabhaskarPattapu, Aggraj Gupta and Sushrut Das
					3M2B-136	Analysis of Infinite Array of Finite Feed Gap Dipole Antenna Placed Over a Reflector, Abhishek Kumar Awasthi, KapilSaraswat and A.R. Harish
					3M2B-150	An Optimization Technique Utilizing Genetic Algorithm for the Synthesis of Large Thinned Planar Antenna Array with Low Peak Side Lobe Level, Kundan Kumar Suman, Ashwin P, Allen Vivean Miranda, V S Gangwar and R K Gangwar
					3M2B-258	Analysis of Offset Reflector Performance Fed by 2×2 Microstrip Antenna Array using GO Technique, KaushikDebbarma and RatnajitBhattacharjee
					3M2B-230	Dual Broadband High Gain Substrate Integrated Waveguide Slot Array Antenna, ShrutiPriya, Santanu Dwari and Kundan Kumar
					3M2B-215	Estimation of Pattern Degradation Due to Mutual Coupling and Edge effect in Finite Array, Virendra Kumar, Upendra Shankar Pandey and Ravi Kumar Gangwar
					3M2B-148	An Expeditious Synthesis of Thinned Planar Antenna Array by Exploitation of Multi-Objective Optimization Technique, Yetish Reddy, Bharath Kumar, Jijenth M, V S Gangwar, Kundan Kumar Suman and R K Gangwar