

Detailed Technical Program

Date	Time	ID	Event	Location
16-Dec-18	0800-900		Registration	Registration desk
	0900-9300	CG	Inauguration	Location : Hall 1 & 2
	1000-1030		Address by Chief Guest	Dr G Satheesh Reddy
	1030-1100	K1	Keynote-1	
			REACTION THEOREMS FOR COMPACT RANGE ANALYSIS	Prabhakar Pathak
	1100-1130		Opening of Exhibition and Tea break	
	1130-1200	K2	Keynote-2	
			FROM DESIGN TO MARKET: EMC ENGINEERING	Levent Sevgi
	1230-1300	K3	Keynote-3	
			Feed Design, Manufacture, Test and Qualification for Satellite Applications	Philip Venezia
	1030-1330	K4	Keynote-4	
			Problems of Antenna Miniaturization and possible Remedies	Lot Shafai
	1330-1430		Lunch	
	1430-1630	YP	Young Professional in Space and Engineering	Location : Hall 1
			Chair : Puneet Mishra	
		1	Satellite Configuration, Design, Assembly, Integration and Testing	Priyanka Mishra, ISRO
		2	Game Changing Antenna Technologies Enabling New Class of Earth Science and Interplanetary Mission	Nacer Chahat, JPL/NASA
		3	CANSAT Design and Application	Raghav Sharma, Xovian Aerospace
		4	Antenna for Communication, Navigation and Remote Sensing Satellite and challenges in their Measurements	Mr. Puneet K Mishra, ISRO
		OS	ORAL SESSIONS	
	1430-1630	OS-1	Microstrip Antennas-I	Location : Hall 2
			Chair : Senthil Kumar	Coordinator : Prashant Mishra
		210	Design Consideration of High Gain Microstrip Antenna Arrays for Telemetry Tracking and Command System of Geostationary Satellites	Chandrakanta Kumar, Sitaramana Puram, V Senthil Kumar and D Venkataramana
		13	Shorting Pin and Slot Loaded Dual Band Microstrip Antenna for MICS and GPS Applications	Mrityunjay Kumar Ray and Kaushik Mandal
		66	Circularly Polarized Dual Frequency Square Microstrip Patch Antenna	Mandar Joshi and Vitthal Gond

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		160	An Investigation into the Equivalnce of Radiation Characteristics of 90deg Circular Sector Microstrip Antenna vis-à-vis Circular Microstrip Antenna	Sudip Kumar Ghosh, Subhradeep Chakraborty, Abhijyoti Ghosh, Llk Singh and Sudipta Chattopadhyay
		192	Investigation on Novel Quarter-Arc Shaped Clusters of Shorting Pins for Improvement in Cross-Polarization Discrimination of Diamond-Shaped Microstrip Patch Antenna	Susamay Samanta, Kaushik Mandal, P Soni Reddy and Partha Pratim Sarkar
1430-1630	OS-2	Reflector Antennas -I		Location : MR1.05
			Chair : SB Sarma	Coordinator : M Swetha
		30	Novel Design of Wideband Conjugate Feed for Compact Offset Parabolic Reflector Antenna	Kush Parikh, Shashibhusan Sharma and Balvat Makwana
		117	Wideband Bi-static Offset-Fed Reflector STAR Antenna System	Prathap Valale Prasannakumar, Mohamed Elmansouri and Dejan Filipovic
		36	A Shared Aperture S/Ka - Band Antenna for Polarization Diversity	Satyajit Chakrabarti
		24	Secondary Pattern Generation and Validation of Single Offset Parabolic Reflector Antenna with Dual Mode Feed Horn to Improve Cross Polarization Suppression Bandwidth	Balvant Makwana, Shashi Sharma and Kush Parikh
		239	Design of Multimode Ka Band Hybrid Dielectric Rod as a Monopulse Tracking Feed for Ka Band LEO Satellite Ground Station	Sandesh Bhimrao Mane, Naveen Agarwal, Sandip Sankar Roy, Chinmoy Saha, T Nagasekhar and C S Padmavathy
		28	System Identification of the IDSN32M Antenna Control System Model	Nandini Gupta, Vijay Goyal and Vivek Sanadhya
1430-1630	OS-3	MIMO Antenna -I		Location : MR1.06
			Chair : Milind Mahajan	Coordinator : Nurul Islam
		145	A Wideband Polarization Diversity 3D MIMO Antenna	Debapratim Dhara, Gaurangi Gupta and A. R. Harish
		163	Two-Port MIMO Wide-Band Antenna With Two-Port MIMO Reconfigurable Antenna for Cognitive Radio Platforms	Tanjir Alam, Sreenath Reddy Thummaluru and Raghvendra Kumar Chaudhary
		162	Dual-Beam Antenna for Millimeter Wave MIMO Applications	Zamir Wani, Mahesh P. Abegaonkar and Shiban K. Koul
		193	Compact Planar 3.5/5.5 GHz Dual-Band MIMO USB Dongle Antenna for WiMAX Applications	Deepika Sipal, Mahesh P. Abegaonkar and Shiban K. Koul
		314	A Wideband Slotted D-Shaped Monopole MIMO Antenna With Triple Branch Neutralization Line	Payel Mondal, Debapratim Dhara and A.R. Harish
		309	A Compact Microstrip- Line Fed Meandered Inverted-F MIMO Antenna	Abhinaya Kumari Esnagari and Bharathi Anantha
1630-1430	Tea break			

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1700-1900	SP	Sponsors session 1	Location : Hall 1
1700-1900	OS-4	RCS, Scattering and Radomes	Location : Hall 2
		Chair : Clency Lee Yow	Coordinator : Anantha Bharti
	261	High Power Microwave Absorber Boxes	Philip Venezia and Clency Lee-Yow
	269	Design of thin broadband microwave absorber using combination of capacitive and circuit analog absorbers	Mondeep Saikia and Kumar Vaibhav Srivastava
	250	Double-layer Polarization Independent Broadband Absorber using Resistive Ink for C, X and Ku Bands application	Yakeen Tayde, Mondeep Saikia and Kumar Vaibhav Srivastava
	2	RCS Reduction in a Thin Radar Absorbing Structure by Random Phase Cancellation	Amrithaa Seshadri, Phalguni Mathur and Hema Singh
	5	Temperature Dependent EM Investigation of Inhomogeneous Dielectric Wall for Application in Ablatable Radome	Hrishikesh Sonaliker
	3	EM Analysis of Planar Phased Array-Radome System for Ground-based FCR Applications	Priyanka B.M., Phalguni Mathur, Hema Singh and Raveendranath U. Nair
1700-1900	OS-5	MIMO Antenna -II	Location : MR1.05
		Chair : M Lakshminarayana	Coordinator : K Sambasiva Rao
	102	Performance Study of a 4-port UWB-MIMO/ Diversity Antenna in Proximity to a Human Arm for WBAN Application	Rohit Mathur and Santanu Dwari
	197	Design and Analysis of Printed MIMO Antenna for Next Generation Wireless Applications	Shiddanagouda F Byanigoudra, Dr.Vani R.M and Dr.P.V Hunagund
	277	Compact Quad-Element Triple-Band MIMO Antennas for WLAN/WiMAX Applications	Arun Kumar Saurabh and Manoj Kumar Meshram
	213	Eight-Port MIMO Antenna for Integrated Narrowband / Ultra-wideband (UWB) Applications	Jawed Aquil, Debdeep Sarkar and Kumar Vaibhav Srivastava
	150	A Quad-port MIMO Antenna with Beam Switching and Pattern Reconfiguration Capability for UWB Applications	Phalguni Mathur and Sujith Raman
	153	3-port MIMO Antenna for UWB Applications with Polarization Dependency Analysis	Sowmiyadevi A and Sujith Raman
1700-1900	OS-6	Microstrip Antennas-II	Location : MR1.06
		Chair : Chandrakant Kumar	Coordinator : Sachin Jain
	251	Unwanted Effects of Defects Used in Microstrip Antenna Designs and Possible Solutions	Chandrakanta Kumar and Debatosh Guha
	278	Microstrip Antenna Feeds for Offset Reflector Antenna for Cross-polarization Reduction at both Diagonal and Asymmetric Planes	Kaushik Debbarma and Ratnajit Bhattacharjee

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		260	New Insight into the Cross-Polarized Radiations: Symmetric vs Asymmetric Microstrip Patch Geometries	Chandreyee Sarkar, Debatosh Guha and Yahia M M Antar
		329	A New Design Approach to improve the Circular Polarization Characteristics of a Microstrip Antenna	Pavan Kumar, Chandrakanta Kumar and Debatosh Guha
		173	Dual Band Circularly Polarized Slot Antenna Loaded with Asymmetric Cross Strips	Puneeth Kumar T R, Karthik Rudramuni and Krishnamoorthy Kandasamy
		317	A Tri-Band Meander-Shaped Patch Antenna for WLAN and Radio Navigation Applications	Juin Acharjee, Kaushik Mandal and Sujit Mandal
	1430-1630	IA-1	Interactive session -1	Location : Exhibit area G.01 to G.06
	1900-2100		Welcome Dinner and Cultural Program	
17-Dec-18	0800-900		Registration	Registration desk
			INVITED TALKS	Location : Hall 1
	0900-0940	IV-1	Invited talk -1	
			Hybrid Computational Techniques for Analysis of Airborne Antennas and Radomes	CJ Reddy
	0940-1020	IV-2	Invited talk -2	
			Requirements of Antennas for Next Generation Stealth Fighter Aircrafts	NNSSRK Prasad
	1020-1100	IV-3	Invited talk -3	
			Overview of Satellite Communication Systems, Antennas & Propagation Effects	CB Ravipati
	1100-1130		Tea break	
			TUTORIALS	Location : Hall 1
	1130-1210	T1	Tutorial -1	
			Requirement Analysis of monopulse antennas for target tracking	D R Jahagirdar
	1210-1250	T2	Tutorial -2	
			Metamaterials, Periodic Structures and EBG for Antennas, RF and EMC Solutions	Sungtek Kahng
	1250-1330	T3	Tutorial -3	
			Recent Advancements in Small Antenna Designs for Laptop Applications	Chow-Yen-Desmond Sim
	1330-1430		Lunch	
		OS	ORAL SESSIONS	
	0900-1100	OS-7	Re-configurable Antennas-I	Location : Hall 2
			Chair : KV Srivastava	Coordinator : -AnanthaBharti

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		330	Stub Loaded Reconfigurable Microstrip Patch Antenna with Frequency Agility	Sanjeev Yadav, Rajesh Kumar Singh, M M Sharma and Mahesh Abegaonkar
		190	A Frequency Reconfigurable Antenna with slotted ground plane for Multi-band Applications	Ujjwal Gangolu, Swathi Sakinala and Sulakshana Chilkuri
		89	Frequency and Band Reconfigurable Circularly Polarized Square Ring Slot Monopole Antenna	Kapil Saraswat and A.R. Harish
		121	Wideband Frequency Reconfigurable Patch Antenna for Various Wireless Applications	Ankit Bhattacharjee and Santanu Dwari
		148	A Novel Frequency Reconfigurable Slot Antenna using Metasurface	Joysmita Chatterjee, Akhilesh Mohan and Vivek Dixit
		147	Flexibility Assesment of Fully Inkjet-Printed Reconfigurable Antenna With VO2 Switch	Mohammad Vaseem, Su Zhen, Shuai Yang and Atif Shamim
0900-1100	OS-8	Antenna components		Location : MR1.05
			Chair : Chinmoy Saha	Coordinator : SK Rafidul
		154	Design of Wideband Wilkinson Power Divider with Improved Performances	Mukesh Kumar, Sk. Nurul Islam, Gobinda Sen, Susanta Kumar Parui and Santanu Das
		98	Ultra-Broadband C-band Co-axial Isolator Design	Nishant Jaiswal and Punam Pradeepkumar
		245	Development of High Performance Compact Diplexer for Transportable Antenna Terminal	Sivareddy D, Vamsi Krishna Velidi, Subramanyam Avg, Senthil Kumar V, Srinivasan Vv, Venkata Ramana D and Sankaran M
		53	Design of Folded Substrate Integrated Coaxial Line Wideband Balun for K-band Applications	Satya Krishna Idury and Soumava Mukherjee
		115	Multi Wideband Hexagonal-Spiral Microstrip Bandpass Filter for Wireless Applications	Sujatha M, Ramana Reddy R, Naresh K Darimireddy and Ramamohan B
		52	Design of E-Plane Filter for Ka-band Ground Stations	Senthil Kumar V and Dhanesh G Kurup
		141	Band Stop Filter in SIW	Ananya Parameswaran and Singaravelu Raghavan
0900-1100	OS-9	Freq Selective Surfaces-I		Location : MR1.06
			Chair : Hema Singh	Coordinator : -D Nagaraju
		65	Design of a Conductive FSS based Ultrathin Absorber Using Impedance Analysis Method of Equivalent Circuit Model	Debidas Kundu, Akhilesh Mohan and Ajay Chakrabarty
		41	A Reconfigurable FSS Backed Continuously Tunable CAA Inspired Absorber	Saikat Chandra Bakshi and Debasis Mitra
		179	Design and Implementation of Ultrathin Wideband FSS with Sharp Sidebands using Tripole Slots	Krushna Kanth V and Raghavan S
		222	A configuration of FSS and monopole patch antenna for bidirectional gain enhancement applications	Vigyanshu Mishra, Mahesh Abegaonkar, Lalithendra Kurra and Shiban K. Koul

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	255	FSS Loaded High Gain Antenna Array for C - band Applications	Anushka Tiwari and Sushrut Das
1100-1130		Tea break	
1130-1330	OS-10	Compact Ranges	Location : Hall 2
		Chair : Puneet Mishra	Coordinator : -Saurabh Shukla
	229	An Ultra-Wide C-Band Compact Range Feed	Haindavi Manigilla, Puneet Kumar Mishra, Sasikanta Kumar and Satish Kumar Bandlamudi
	275	Short Focal Length Compact Antenna Test Range for Large L Ku Band Antenna Measurements	Lars Jacob Foged, Anders Jernberg, Per Olav Iversen, Andrea Giacomini, Francesco Saccardi, Marcel Boumans, Grzegorz Baran, Roni Braun, Moshe Pinkasy, Gennady G. Pinchuk, Tal Haze, Rueven Konevky, Lior L. Shmidov and Boris Gershkovich
	283	Novel method for RF Characterization of Multi-beam Satellites at CATF	Satish Kumar Bandlamudi, Puneet Kumar Mishra, Haindavi Manigilla and Renuka R.
	328	Compact, Low profile, Dual linear Ku-band feed for Multi-beam Satellite characterization at CATF	Sasikanta Kumar, Puneet Kumar Mishra and Satish Kumar Bandlamudi
1130-1330	OS-11	Analytical techniques	Location : MR1.05
		Chair : NVSN Sarma	Coordinator : -Payel Mondal
	95	FEM based Methods for Uncertainty Quantification in Electromagnetics	Gladwin Jos K T and Vinoy K J
	72	Spectral Stochastic Edge Element Method for Complex EM Problems	Abhijith B N and Vinoy K J
	230	Analytical Evaluation of Sommerfeld Integral Tails Present in Two Layered Media Green's Functions	Kalyan Durbhakula, Deb Chatterjee and Ahmed Hassan
	281	High Frequency Uniform Asymptotic Solution for Diffraction by the Edges of a Curved Plate	Divyabramham Kandimalla and Arijit De
	219	Electromagnetic Field Due to the Vibration of Carbon Nanotube	Maifuz Ali, Jee-Hoon Lee and Seong-Ook Park
	137	Quarter Wavelength Monopole Antenna on Flat Conducting Plates: Uniform Theory of Diffraction	Nagasai Goud Padamati, Sunil Kumar Shetty Midde, Suneel Kumar Korlakota and Divyabramham Kandimalla
1130-1330	OS-12	Satellite antennas -I	Location : MR1.06
		Chair : Sudhakar Rao	Coordinator : -Prashant Mishra
	208	Rotationally Symmetric Shaping of Center-Fed Reflector Antenna For GEO Communication Collocated Small-sized Spacecraft	Dr Ramesh Chandra Gupta, Sravan Kumar Sagi and Milind B. Mahajan
	96	A Thinned Array Solution for an ISOFLUX Antenna from Geostationary Satellite	Atrish Mukherjee, Sagi Sravan Kumar and Alok Kumar Singhal

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		270	All-metal Dual Frequency RHCP High Gain Antenna for the Extreme Environments of a Potential Europa Lander	Nacer Chahat
		287	L-Band Shaped Beam Horn Antenna for Geostationary Imaging Satellite Onboard Navigation Applications	Shivam Arora, Venkata Sitaraman Puram and Sandhya Reddy
		94	Design and Development of Ultra-Broadband circularly polarized X-band 8X8 array with multi level sequential phase rotation useful for payload of micro and nano satellite links	Kumbha Sambasiva Rao and DR Jahagirdar
1330-1430			Lunch	
1430-1630	SP		Sponsors session 2	Location : Hall 1
1430-1630	SS1		Special session 1	
			SPECIAL TOPICS ON THE THEORY AND APPLICATIONS OF ANTENNAS AND ARRAYS	Location : Hall 2
			Chair : Prabhakar Pathak	Coordinator : Prashant Mishra
		4	Wide Bandwidth and Wide Scanning Phased Array Antennas	Ashutosh Kedar
		71	A Study on Modeling of Geometrical & Physical Parameters of Waveguide Transmitarrays	Siddhartha Panigrahi and Hsi-Tseng Chou
		11	Radar Cross Section of Dipole Phased Arrays: Estimation and Reduction	Hema Singh
		199	Efficient Synthesis of Scanned Conformal Arrays with Chebyshev Patterns	KJ Vinoy and Anuj Malik
	OS		ORAL SESSIONS	
1430-1630	OS-13		SIW based Antennas -I	Location : MR1.05
			Chair : MM Sharma	Coordinator : Nurul Islam
		326	A New Printed Log Periodic Antenna using SIW Concept	Suvadeep Choudhury, Akhilesh Mohan and Debatosh Guha
		200	Active Integrated Empty SIW Cavity Backed Slot Antenna for Increased EIRP	Moitreya Adhikary, Sunil Kumar Sahoo, Anirban Sarkar, Abhishek Sharma, Animesh Biswas and M. J. Akhtar
		273	Cavity Backed Substrate Integrated Waveguide Horn Antenna with Enhanced Gain for 5G Applications	Hemant Kumar and Girish Kumar
		241	Compact Symmetric Quarter Mode Substrate Integrated Waveguide (QMSIW) Antenna	Anil Kumar Nayak, Rahul Pachpole and Amalendu Patnaik
		318	Miniaturized SIW Fed 45° Inclined Slot Antenna	Jagadish Kumar Prajapati, Sandeep S Kakatkar and Vinay D Ghanvat
1430-1630	OS-14		Microstrip Antennas-III	Location : MR1.06
			Chair : Debatosh Guha	Coordinator : K Sambasiva Rao

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		308	Ground Truncated Broadband Slotted Circular Microstrip Antenna	Sellakkutti Suganthi, Deepal Deepak Patil and Elisha Chand
		97	A Compact Circularly Polarized Annular Ring Antenna with Wide Effective Bandwidth	Manisha Kahar, Mrinal Kanti Mandal, Joydeb Mandal and Rajeev Jyoti
		51	A Coupled-fed Compact Size UHF RFID Reader Antenna with Parasitic Slotted Element	Chow-Yen-Desmond Sim, Jai-He Zhuang and Wei-Sheng Liao
		109	An Extensive Parametric Study on Performance Improvement of a Tapered Slot Antenna	Farhana Parveen, Sreekala Suseela and Parveen Wahid
		195	CPW-fed Dual-band Dual-sense Circularly Polarized square Slot Antenna	Manas Midya, Shankar Bhattacharjee and Monojit Mitra
		256	BROAD BAND OMNI DIRECTIONAL ANTENNA SYSTEM FOR ONBOARD TELEMETRY APPLICATIONS	Varanasi Srinivasa Rao, DR Jahagirdar and Girish Kumar
1630-1700			Tea break	
1700-1900	SA		Student Paper Competition	Location : Hall 1
			Chair : Abhilasha Mishra	Coordinator : Chandrayee Sarkar et al
		103	Studies on Frequency Reconfigurable Antenna for Cognitive Radio Applications	Mehak Bansal
		104	Improving Performance of Thin Mantle Cloak by Reducing Higher Order Scattering Coefficients	Vadher Pratik, Mahesh Singh Bisht and Kumar Vaibhav Srivastava
		107	Design and Implementation of High Performance Passive Components for Microwave Communication	Satya Krishna Idury
		108	Frequency Selective Surfaces	R. Adeline Mellita
		228	Triband rectangular printed microstrip and Koch fractal antennas for 4G/LTE applications	Durga Saiteja, Rohith Reddy and Shirisha Reddy
		311	RF Energy Harvesting	Leela Venkata Surya Teja Kammili, Seshasai Addanki and Venkatesh Gudamsetty
		297	Microstrip Patch antenna for RF Energy Harvesting	Sunanda Bag, Mothika Monika, Vivek Chary G and Nipun Kumar Mishra
		215	Gain Enhancement of Microstrip Patch Antenna Using Ultrathin Metasurface Lens	Pendyala Shravya, Amit Kumar Singh, D Ramakrishna and Shiban K. Koul
		157	Cavity Backed Fabry-Perot Antenna: New Design for Wideband High Gain Characteristics	Spandan Manna and Alolika Pal
1700-1900	SS2		Special session 2	
			ARRAY ANTENNAS	Location : Hall 2
			Chair : Amalendu Patnaik,	Coordinator : D Ramakrishna
		56	Phased Array Antennas for Aircraft Applications	Sudhakar Rao, Ameesh Pandya and Calen Ostroot

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		100	Time Modulated Planar Array: A Fractal Pattern Approach to Enhance Directivity	Ananya Mukherjee, Sujit Kumar Mandal and Rowdra Ghatak
		120	Design optimization of 15-34 GHz Ultrawideband Tapered Slot Antenna Array with Defected Ground	Laya Varghese, Balamati Choudhury and Raveendranath Unnikrishnan Nair
		249	Non-Diffracting Beams with Azimuthal Orbital Angular Momentum Modulation for High Data Rate Communication Systems	Patanjali Parimi, Ravi Kadlimatti and Michael Kolacki
OS ORAL SESSIONS				
1700-1900	OS-15	Meta-material based antennas-I		Location : MR1.05
		Chair : Koushik Datta		Coordinator :Vivek Pandit
		177	A Dual-Band Multi-layer Metasurface Lens	Vinod Kumar P and Basudeb Ghosh
		93	Gain enhancement using shared metamaterial aperture for WLAN antennas with pattern diversity	Swapna S, Karthikeya G S, Shibam K Koul and Ananjan Basu
		244	Design and Characterization of Ultrathin Wide Band Transmission and Reflection Type Metasurface	Amit Kumar Singh, Mahesh P. Abegaonkar and Shibam K. Koul
		289	Effect of position randomness on absorption bandwidth of disordered metamaterial absorbers	Shraddha Choudhary and Kirankumar R. Hiremath
		125	Design of a Polarization Insensitive Wideband Absorber using Graphene based Metasurface	Gopinath Samanta, Jeet Ghosh, Debasis Mitra and Sekhar Ranjan Bhadra Chaudhuri
		149	Compact Wideband Internal Antenna for Sub-6GHz 5G Radios	Jayprakash Thakur
1700-1900	SM	Organizing committee and Sponsors meet		Location : MR1.06
1430-1630	IA-1	Interactive session -2		Location : Exhibit area G.01 to G.06
1900-2100	Dinner			
18-Dec-18	0800-900	Registration		Registration desk
TUTORIALS				Location : Hall 1
	0900-0940	T4	Tutorial -4	
			Planar Antennas: In Search of Cross-Polarized Radiation & Scope for Future Research	Debatosh Guha
	0940-1020	T5	Tutorial -5	
			Antenna Fundamentals, Designs, and Applications to Satellite and Ground Systems	Sudhakar Rao
INVITED TALKS				Location : Hall 1
	1020-1100	IV-4	Invited talk -4	
			Additively Manufactured Flexible and Wearable Antenna Systems	Atif Shamim

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0900-1100	SS3	Special session 3		
			Advances in Commercial Electromagnetic Simulation Tools	Location : Hall 2
			Chair : C. J. Reddy	Coordinator : Payel Mondal
		21	Recent MLFMM Improvements in FEKO	Johann van Tonder, Ulrich Jakobus, Marianne Bingle, Marlize Schoeman, Johan Huysamen and C.J. Reddy
		47	In-Core LU-Decomposition of Symmetrical Dense MoM Matrix in WIPL-D Multi-GPU Solver	Branko Mrdakovic, Milan Kostic, Dragan Olcan and Branko Kolundzija
		211	Parallelization and Performance Evaluation of Direct Dense Matrix Solution on Cray XC40 –Supercomputer (SAHASRAT)	Venkat Prasad Padhy, Yoginder Kumar Negi and Narayanaswamy Balakrishnan
		295	Procedure for Using Measured Sources in Antenna Placement Problems	Lucia Scialacqua, Francesco Saccardi, Andrea Giacomini, Lars Jacob Foged, Roni Braun, Moshe Pinkasy, Gennady Pinchuk, Tal Haze, Reuven Konevsky, Lior Shmidov, Boris Gershkovich, Rahul Unni and Per Olav Iversen
OS Oral sessions				
0900-1100	OS-16	Frequency Selective Surfaces-II		Location : MR1.05
			Chair : Susanta Parui	Coordinator : Sourabh Shukla
		180	Design of an Ultra-Wideband Absorptive Frequency Selective Surface for Radome Applications	Gobinda Sen, Mukesh Kumar, Sk Nurul Islam and Santanu
		119	Closely Spaced Tri Resonance Wide Band FSS for S/Ku/Ka Band	Pulkit Sharma, Sravan Kumar Sagi and Milind Mahajan
		132	Tri-Band Band-Stop Frequency Selective Surface using Tortuous Jerusalem Cross with Angularly Stable Response	Suresh Kumar T R and Vinoy K J
		77	A Polarization Insensitive Frequency Selective Surface with Bandpass and Bandstop Response	Anik Naha Biswas, Suparna Ballav, Susanta Kumar Parui and Ayan Chatterjee
0900-1100	OS-17	Phased arrays		Location : MR1.06
			Chair : S Beenamole	Coordinator : Debpratim Dhara
		205	Design of Electronically Steerable Randomly Spaced Planar Antenna Array by Exploiting Spatial Density Theory	V. S. Gangwar, Juhi Kumari Modi, Ashwin. P, A. K. Singh and S. P. Singh
		258	Study of Active Scan Impedance of Quasi-Yagi Phased Array Antenna for different substrate thicknesses	Dovari Nagaraju and Yogesh Kumar Verma
		40	Electronically Scanned Phased Array Antenna Design and Implementation	Khaled Hassab-Allah, Hazme Al-Banna and Ahmed Adel
		242	CONCEPT OF ACTIVE ELECTRONICALLY SCANNED ARRAY(AESA) SEEKER BEAM CONTROL AND STABILIZATION	Jyothi Matangi, Srinivas Erukonda and Yogesh Kumar Verma
		49	Electronically Steerable Phased Array of Cylindrical Dielectric Resonator Antenna	Nipun Mishra, Soma Das and Dinesh Kumar V

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		1	Active Cancellation of Probing Signals in Dipole Array Mounted on Conformal Platforms	Avinash Singh and Hema Singh
1100-1130			Tea break	
1130-1330	IA-1		Industry Academia Forum	Location : Hall 1
1130-1330	SS4		Special session 4	
			Earth Station and Ground Antennas	Location : Hall 2
			Chair : V.V. Srinivasan/D R Jahagirdar	Coordinator : M Swetha
		124	Array Antenna for Indian Deep Space Network	Dharvendra Yadav, Tk Rajendran, Vv Srinivasan, Umang Parikh, Raghvendra Chaudhary and Jv Narsimham
		202	Multiple Satellite Telemetry and Tracking System	Anandan Vk, Pradeepkumar C, Satyanarayana Snv and Manas Sarkar
		203	REALIZATION OF A SANDWICH SPHERICAL RADOME FOR X- BAND WEATHER RADAR	Ceena Sunil, Sambasiva Rao B, Manas Sarkar, Anitha Daniel and Senthil Kumar V
		237	Dual band (S/Ka) Comosite Dual Polarized Monopulse feed for LEO satellite tracking	Sandip Roy, Chinmoy Saha, T Naga Sekhar, Dr. NareshKumar Mallenahalli and Padmavathy C S
	OS		ORAL SESSIONS	
1130-1330	OS-18		Fractal Antennas	Location : MR1.05
			Chair : Deb Chatterjee	Coordinator :Sachin Jain
		175	Fractal Loaded Hexagonal Wide Slot Antenna for Super Wide Band Application	Swarup Das, Shankar Bhattacharjee and Sekhar Ranjan Bhadra Chaudhuri
		159	Koch-fed-Obtrude/Slot AGP Fractal Antennas for Wideband Applications	Asutosh Mohanty and Sudhakar Sahu
		79	Compact Multi-Layer Circularly Polarized Hexagonal-Spiral Antenna for Wireless Applications	Rajasekhar N, Ramana Reddy R and Naresh K Darimireddy
		134	Modified Fractal-shaped Slotted Patch Antenna with Crossed Dipole-shaped Slotted Ground Plane with Enhanced Gain for X-band Applications	Diptiranjan Samantaray, Somak Bhattacharyya and K V Srinivas
		90	On the Design of Osgood Curve Fractal Antenna for C band applications	Gurmeet Singh and Amar Partap Singh Pharwaha
1130-1330	OS-19		Satellite antennas -II	Location : MR1.06
			Chair : Rajiv Jyoti	Coordinator :SK Rafidul

Detailed Technical Program

		288	Dual Polarized Global Coverage Horn Antenna for CDMA based Satellite TTC Applications	Shivam Arora, Venkata Sitaraman Puram and Sandhya Reddy
		39	DESIGN OF GREGORIAN REFLECTOR FOR IMAGING	Venkat Reddy, Susmitha Padali and Venkateshwara Rao Tumati
		91	A CRLH-SIW based Frequency-Reconfigurable Antenna for LEO to GEO Inter-Satellite Link	Tushar Goel, Sambaiah Pelluri and Amalendu Patnaik
		286	Circularly Polarized Dual Band Stacked Patch Antenna for Satellite Navigation Applications	Sai Kraanthi Vatyam, Venkata Sitaraman Puram, Shivam
		101	Quadrifilar helical antenna with integrated compact feed for TTC application in LEO satellites	Kumbha Sambasiva Rao and D.R Jahagirdar
1330-1430			Lunch	
1430-1630	WiE		Women-in-Engineering	Location : Hall 1
			Chairs : Abhilasha Mishra and Hema Singh	
		1	EM materials for aircraft/UAV stealth applications	Chandrika Sudhendra
		2	Recent Trends in Radar Antenna Technology	Beenamole K.S
		3	Electromagnetics: From Teaching to Application in Aerospace	Balamati Choudhury
		4	Microwave Antennas for Hyperthermia Treatment of Cancer	Soni Singh
		5	Metamaterial inspired substrate integrated waveguide components: Opportunities and challenges from microwaves to THz	Jigyasa Sharma
		6	Terahertz Radiation – Sources & Applications	Latha Cristie
		7	Low Specific Absorption Rate (SAR) Antenna for Biomedical Applications	Runa Kumari
		8	Computational Modeling and Measurement for RF Specific Absorption Rate	Naina Narang
		9	Antenna – Radome interaction studies	Vinisha CV
1430-1630	SS5		Special session 5	
			Propagation Studies from RF to mmWaves	Location : Hall 2
			Chair : T V C Sarma	Coordinator : Vivek Pandit
		184	Numerical Simulation of Wave Propagation and Scattering in an Inhomogeneous Medium	Venkat Prasad Padhy and Narayanaswamy Balakrishnan
		323	Studies on RF Propagation Path Gain Models for Free-Space Wireless Communication Links	Manasa Leela Gummadavelly and Deb Chatterjee
		319	Analysis of Ionospheric Delay Effects on IRNSS-GPS Receiver Coordinates	Kuruva Lakshmana, Neelakantham Alivelu Manga and Achanta Dattatreya Sarma
		156	Regional variability of specific rain attenuation in mm wave region for Indian Sub-tropical Climate	Arun Verma, Aditi Verma and Ranbir Nandan

Detailed Technical Program

		128	MIMO Antenna Characterization in Realistic Propagation Scenario: Use of Infinitesimal Dipole Models with Cross-correlation Green's Functions	Debdeep Sarkar and Kumar Vaibhav Srivastava
OS ORAL SESSIONS				
1430-1630	OS-20	MMW and THz antennas		Location : MR1.05
			Chair : Sungtek Kahng	Coordinator :D Nagraju
		76	Design of Substrate Integrated Coaxial Line based Broadband Dipole Antenna for Millimeter Wave Application	Naman Baghel and Soumava Mukherjee
		116	Millimeter Wave Fixed Beam End-fire Antenna for Body Area Networks	Shakti Singh Chauhan, Mahesh P. Abegaonkar and Ananjan Basu
		113	60 GHz Recessed Ground Plane Microstrip Patch Antenna Array with Improved Bandwidth and Gain	Anushruti Jaiswal, Mahesh P. Abegaonkar and Shibam K. Koul
		114	Reconfigurable Circular Patch THz Antenna using graphene stack based SIW Technique	Satya Prakash, Sasmita Dash and Amalendu Patnaik
		305	Beam Steering THz Antenna Array using Graphene based Phase Shifter	Arun Kumar Varshney, Nagendra Prasad Pathak and Debabrata Sircar
		135	An Efficient Terahertz Antenna using CPW Interdigital Capacitor	Sohom Das, Soham Ghosh, Diptiranjana Samantaray and Somak Bhattacharyya
1430-1630	OS-21	Broadband and UWB antennas -I		Location : MR1.06
			Chair : Jawad Sinddiqui	Coordinator :Spandan Manna
		263	A Novel Printed Monopole Antenna for Broadband Applications	Bhushan Ballav Pathak, Gagan Kalita, Manas Pratim Barooah, Sanapala Chiranjeevi and Bidisha Dasgupta
		7	A Modified Leaf Shaped Antipodal Vivaldi Antenna for UWB with WLAN Band-Notched Characteristics	Rahul Kumar and Bikash Ranjan Behera
		81	High-gain overlapped elliptical shape diversity antenna for multiband applications	Vandana Satam and Shikha Nema
		178	Guitar-Shaped Patch Antenna With CPW Feed Line For WLAN and WiMAX Band Applications	Amit Verma, Amit Birwal and Kamlesh Patel
		105	Design and Analysis of UWB UHF Printed Dipole Antenna with Integrated Balun for Radar	Shivani Shinde, Manjushree Tamang and Ashish Meena
		10	A Modified Leaf Shaped Antipodal Vivaldi Antenna with Multi-Band Characteristics	Rahul Kumar and Bikash Ranjan Behera
1630-1700	Tea break			
1700-1900	SM	5G and Antenna Measurements session		Location : Hall 1
1700-1900	SS6	Special session 6		
			Ultra Wideband Antennas	Location : Hall 2
			Chair : KP Ray	Coordinator :Spandan Manna

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		12	A Compact Hexa-Band and UWB Antenna Using Heptagon and Nonagon Rings with Vertex Feed	Surendrakumar Painam and Chandramohan Bhuma
		27	Dispersion Characterization of a UWB Vivaldi Antenna in Time and Frequency Domain	Md Nazmul Hasan, Oluwatosin John Babarinde, Sudipta Das and K.Vasu Babu
		35	Experimental study of a printed ultra-wideband modified circular monopole antenna	Surajit Kundu
		80	Dual-polarized UWB Antenna System (30 to 100GHz) for Millimeter Wave Communication	Kashyap Kalavapudi and Steve C Chiu
		312	Solomon Knot Monopole Antenna	Saurabh Shukla and A. R. Harish
OS ORAL SESSIONS				
1700-1900	OS-22	Antenna applications		Location : MR1.05
			Chair : SatyaKesh Dubey	Coordinator :M Jyothi
		161	Different Conversions of the Matching Circuits for a Voltage Doubler on a Microwave Rectifier Circuit	Udayabhaskar Pattapu and Sushrut Das
		129	A Passive Electromagnetic Pressure Sensor for Application in Harsh Environments	Meenal S. Chauhan and Amalendu Patnaik
		254	Adulteration Detection in Petroleum Liquids using Stacked Multi Ring Resonator	Anagha Kunte and Arun Gaikwad
		296	Near-field Microwave Breast Cancer Detection using Electrically Small Sensors and Machine Intelligence	Maged Aldhaeebi, Thamer Almoneef and Omar Ramahi
		112	Design of a High Gain Antenna for a Passive Radar	Vijayashree Bhat, Vinod Jacob, Rakesh M.R, K J Vinoy and T.V Prabhakar
		266	Broadband Compact and Rugged Antenna Designs for Launcher Applications	Prashant Kumar Mishra, Dhananjay R. Jahagirdar and Girish Kumar
		86	SIW Cavity-Backed Antenna-Triplexer for Radio Altimeter/Wi-Fi Applications	Divya Chaturvedi, Arvind Kumar, B. Murugeswari and S. Raghavan
1700-1900	OS-23	Leaky-wave antennas and cavity based antennas		Location : MR1.06
			Chair : Satyajit Chakravarti	Coordinator :Payel Mondal
		182	Coaxial Periodic Leaky Wave Antenna with Narrow Beam width and Improved Broadside Gain	Yancy N, Mrinal Kanti Mandal and Ravi Shaw
		133	Half Mode Substrate Integrated Waveguide based Leaky Wave Antenna for Frequency Beam Scanning	Yancy N, Mrinal Kanti Mandal and Ravi Shaw
		75	A HALF MODE SUBSTRATE INTEGRATED WAVEGUIDE LEAKY WAVE ANTENNA WITH BACKWARD FORWARD AND BROADSIDE BEAM SCANNING	Pravesh Belwal, Rahul Agrawal and S C Gupta

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		223	A New Fabry-Perot Cavity Antenna with Wideband Characteristics	Koushik Dutta, Anirban Chatterjee, Satyajit Chakrabarti and Debatosh Guha
		207	Wideband Design of a Fabry-Perot Cavity Antenna with Improved Features	Koushik Dutta, Spandan Manna, Alolika Pal, Puneet Kumar Mishra and Debatosh Guha
		274	Size Reduction of Substrate Integrated Waveguide Cavity Backed U-Slot Antenna	Dian Astuti and Eko Rahardjo
	1900-2200		Awards Ceremoney, Cultural Programm and Banquet Dinner	
19-Dec-18				
TUTORIALS				Location : Hall 1
	0900-0940	T6	Tutorial -6	
			Electromagnetically Induced Transparency (EIT) and its potential applications in E-field Sensing	SK Dubey
	0940-1020	T7	Tutorial -7	
			Overview of Multi-Mode and Hybrid-Mode Horn Antennas	Dhaval Pujara
INVITED TALKS				Location : Hall 1
	1020-1100	IV-5	Invited talk -5	
			Antenna and Propagation for Microwave Power Transmission in Space	T Takano
OS ORAL SESSIONS				
	0900-1100	OS-24	Wireless communication antennas-I	Location : Hall 2
			Chair : Chow-Yen-Desmond Sim	Coordinator :Sourabh Shukla
		166	A Compact Dual-Band and Dual-Polarized Open-Ended ZOR Antenna with AMC Ground Plane for 4G-LTE/WLAN/WiMAX Applications	Mohammad Ameen, Vasudeva Reddy Ramireddy and Raghvendra Kumar Chaudhary
		61	Circularly polarized L shape diversity antenna for WiMAX applications	Shilpa Kharche, G Shrikanth Reddy, Jayanta Mukherjee and Rajiv Kumar Gupta
		126	Design and Development of High Gain and Narrow Beam Width Antenna For 5G Application	Rahul Garg, Rahul Kumar Jaiswal and Nagendra Prasad Pathak
		167	3D Printed Near-isotropic Asymmetric Dipole Antenna-on-Package for IoT Applications	Zhen Su, Kirill Klionovski, Rana Bilal and Atif Shamim
		68	Circularly Polarized Stub Integrated Modified Hexagonal Shaped Micostrip Antenna for Wimax Applications	Tejpal Jhahharia, Vivekanand Tiwari and Deepak Bhatnagar
		50	MULTIBAND ANTENNA DESIGN FOR MOBILE HANDSET	Phalguni Mathur and Sujith Raman

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0900-1100	OS-25	Array antennas	Location : MR1.05
		Chair : NVSN Sarma	Coordinator :Vivek Pandit
	14	Effect of Element Pattern Symmetry on the Performance of Dual-Polarized GNSS Adaptive Antenna Arrays	Navid Rezazadeh and Lotfollah Shafai
	70	Broadband Impedance Matching of Narrowband Slotted Waveguide Array Antenna	Yogesh Tyagi, Pratik Mevada, Soumyabrata Chakrabraty and Milind Mahajan
	88	DESIGN AND DEVELOPMENT OF 24x24 MICROSTRIP ARRAY ANTENNA USING HYBRID FEED NETWORK APPROACH AT Ku-BAND	Pradip Mendhe, Sravan Kumar Sagi and Milind Mahajan
	272	Innovative Design Concept: Defected Ground Structure for Improved Planar Array	Sk Rafidul, Debatosh Guha and Chandrakanta Kumar
	248	Specially Designed Microstrip Array with Patterned Ground Plane for Improved Characteristics	Debi Dutta, Debatosh Guha and Chandrakanta Kumar
	204	Genetic Algorithm Aided Synthesis of Low SLL Antenna Array Utilizing Position Optimization based on Zoning Technique	Ashutosh Kedar, Pramod Kumar and Naveen Kumar Vishwakarma
0900-1100	OS-26	Meta-material based antennas-II	Location : MR1.06
		Chair : MV Kartikeyan	Coordinator :D Ramakriahna
	43	Flexible Ultrathin Incident-Angle Insensitive Metamaterial Absorber for Curved Surfaces	Sreenath Reddy Thummaluru and Raghvendra Kumar Chaudhary
	276	Multi-band SIW antenna with modulated metasurface at 5G frequency	Priya Suresh Nair, Amalendu Patnaik and Kartikeyan M.V.
	224	Gain and Aperture Efficiency Improvement using Uniplanar EBG Superstrate	Somia Sharma and Mahesh P Abegaonkar
	106	Compact wearable bent slot antenna with compact EBG for wearable applications	Sreekala Suseela and Parveen Wahid
	123	Dual Mode Dual Wide Band Antenna for wearable applications	Shankar Bhattacharjee, Manas Midya, Sekhar Ranjan Bhadra Chaudhuri and Monojit Mitra
1100-1130	Tea break		
1130-1330	SF	Student's Forum	Location : Hall 1
	OS	ORAL SESSIONS	
1130-1330	OS-27	Re-configurable Antennas-II	Location : Hall 2
		Chair : Girish Kumar	Coordinator : Anantha Bharti

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		315	Frequency Reconfigurable CPW Based Slot Antenna With Centrally Fed Switchable Stubs	Pranav Shrivastava, Shiban Koul and Mahesh Abegaonkar
		16	Design of a Polarisation Reconfigurable Antenna for Coastal Surveillance Radar Application	Rakesh K, Dr. K P Ray and Manjushree Tamang
		226	Gain enhanced mmWave pattern reconfigurable Quasi angled dipole with minimal DNG loading	Karthikeya G.S, Mahesh Abegaonkar and Shiban. K. Koul
		158	Theoretical Study of Fully Printed Magnetically Tunable Reconfigurable Patch Antenna	Farhan Abdul Ghaffar, Mohammad Vaseem, Langis Roy and Atif Shamim
		218	Sierpinski Monopole Antenna Reconfigurable System using Hairpin Bandpass Filter Sections	Manikya Krishna Chaitanya Durbhakula and Dr.N.V. Koteswara Rao
		9	Reconfigurable Dual-Pole Waveguide Bandpass Filter with Multiple Transmission Zeros	Amit Bage, Sushrut Das, Milka Potrebić, Lakhnidar Murmu, Pinku Ranjan and Brajesh Kumar
1130-1330	OS-28	Wireless communication antennas-II		Location : MR1.05
			Chair : S Chattopadhyay	Coordinator : Sachin Jain
		155	A Compact Dual-band Antenna Using Triangular Split Ring Resonator for Bluetooth/WiMax/LTE Applications	Sk Nurul Islam, Anumoy Ghosh, Mukesh Kumar, Gobinda Sen and Santanu Das
		265	A WBAN Reader Antenna to Improve the Wireless Link with an In-Body WBAN Antenna	Sungtek Kahng, Changhyeong Lee, Heejun Park, Gwanggyun Namgoong and Jinyoung Kwon
		32	Dual Band-Dual Sense Circularly Polarized Patch Antenna for Wi-Max Application	Vikrant Bande, Puneeth Kumar T R and Krishnamoorthy Kandasamy
		165	Analysis of E-shaped Patch Antenna for Wireless Applications	Ketavath Kumar Naik, Prudhvi Raj Govathoti, Sai Ganesh B, Amulya Srikantam and Dattatreya G
		186	A Circularly Polarized T- Shaped Patch Antenna for Wireless Communication Application	Reshmi Dhara, Sanjay Kumar Jana, Monojit Mitra and Ayan Chatterjee
		185	A compact rectangular microstrip patch antenna for 2.4 GHz ISM band applications	Yatish Pachigolla S S, Vishesh Dab and Surajit Kundu
1130-1330	OS-29	DRA-based antennas-I		Location : MR1.06
			Chair : Dhaval Pujara	Coordinator : K Sambasiva Rao
		169	Parasitically Coupled Three Element DRA Array with Reduced Side Lobe Label	Suparna Ballav and Susanta Kumar Parui
		284	Design and Development of UWB Dielectric Resonator Antenna	Kedar Trivedi and Dhaval Pujara
		212	Pattern Diversity Based Double Sided Dielectric Resonator Antenna for MIMO Applications	Gourab Das, Nikesh Kumar Sahu and Ravi Kumar Gangwar

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		240	Design and Analysis of a Wide Band Dual Circularly Polarized Dielectric Resonator Antenna	Sarah Sanhitha Vemuri, Sandhya Rachamalla, Srujanavahini Nandigama and Ramakrishna Dasari
		201	Design and Development of Wide band Dielectric Resonator antenna for S and C band Application	Arvind Kumar and Pragati Kapoor
1330-1430			Lunch	
1430-1630	SF		IEEE APS Chapter's meet	Location : Hall 1
	OS		ORAL SESSIONS	
1430-1630	OS-30		DRA-based antennas-II	Location : Hall 2
			Chair : Sudhakar Sahu	Coordinator : M Swetha
		264	New Aperture Coupling Technique for Dielectric Resonator Antenna to Reduce Cross-Polarized Fields	Poulomi Gupta, Debatosh Guha and Chandrakanta Kumar
		69	Design, Development and Performance Analysis of Spherical Dielectric Resonant Antenna	Yenda Dilleswara Rao, Sanjeet Kumar, Kp Ray and Surendra Pal
		234	Reflector Backed Conical Dielectric Resonator Antenna with Enhanced Gain	Sounik Kiran Kumar Dash and Taimoor Khan
		110	Performance Improvement of Monopole Loaded Hybrid Dielectric Resonator Antenna by using Sleeve-like Structure	Anamiya Bhattacharya, Gollapalli.V.S.S. Ganesh, Bidisha Dasgupta and Rajeev Jyoti
		198	A DRA Based MIMO Antenna Array for WLAN Application	Goffar Ali Sarkar and Susanta Parui
1430-1630	OS-31		RF Energy harvesting	Location : MR1.05
			Chair : Balamati Choudhuri	Coordinator : D Nagraju
		298	2.45 GHz Energy Harvesting On-chip Rectenna in 0.18 um RF CMOS Process	Arup Ray, Arijit De and Tarun Kanti Bhattacharyya
		292	Low Cost Compact rectifier for RF energy harvesting	Sleebi Divakaran, Laya Mary Joy, Deepti Das Krishna and Nasimuddin N
		136	Metamaterial inspired Rectenna loaded with a DR for RF Energy Harvesting	Vinnakota Sarath Sankar, Runa Kumari and Balamati Choudhury
		246	Design of Nanoantennas for harvesting waste thermal energy from hot automobile exhaust system	Rayudu Sandeep, Ramanand Sai, James Baskaradas and R Chandramouli
1430-1630	OS-32		Broadband and UWB antennas-II	Location : MR1.06
			Chair : Jaleel Akhtar/Yogesh Verma	Coordinator : V Srinivas Rao
		310	UHF Wideband Near-Field Coupled Antenna	Vivek Kumar Pandit, Gaurangi Gupta and A.R. Harish
		62	Antipodal Linear Tapered Slot Antenna for X and Ku band Wireless Communication Applications	Rama Rao T, Phani Kumar K V, Sandeep Kumar P, Nishesh Tiwari, Rajeev Jyoti, Sanjeev K and Yogesh Tyagi

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		262	A compact bandwidth enhanced monopole antenna for ultra-wideband applications	Yatish Pachigolla S S and Surajit Kundu
		67	An Enhanced Bandwidth Dual Polarized Microstrip Fed Ultrawideband Spiral Antenna	Sachin Jain and Usha P. Verma
		216	Radiation Characteristic Improvement of Ku-Band SIW Horn Antenna using Probe-Feeding Technique	Sunil Kumar Sahoo, Abhishek Sharma, Moitreya Adhikary, Animesh Biswas and M. Jaleel Akhtar
1630-1730	FB		Tea break and Feedback session	Location : Hall 1
1730-1800	CL		InCAP-2018 Closing ceremony and InCAP-2019 briefing	Location : Hall 2
Details				
16-Dec-18	1430-1630	IA-1	Interactive session -1	Location : Exhibit area G.01 to G.06
			Chair : CJ Reddy	Coordinator : Ramana Reddy and Sourabh Shukla
		209	Performance analysis of Wearable antenna array	Rama Sanjeeva Reddy, D Vakula and A Amulyakumar
		236	Design and Analysis of a Planar Substrate Integrated Waveguide Horn Antenna	Maneela Kalva, Sandhya Rachamalla, Srujanavahini Nandigama and Ramakrishna Dasari
		253	DGS-integrated Microstrip Patch Designed for Improved Cross-Polar Isolation Over Skew Radiation Planes	Mahammad Intiyas Pasha, Chandrakanta Kumar and Debatosh Guha
		285	Broad Beam X-band Conical Choke Horn Antenna for Satellite Telecommand Application	Sandhya Reddy, Venkata Sitaraman Puram and Shivam Arora
		291	A Novel Fractal Slot DGS Microstrip Antenna for Wi-Fi Application	Rv Hara Prasad, Damera Vakula and M Chakravarthy
		316	A Compact 4 Element MIMO antenna for UWB Application	Bishal Mishra, Rehan Ahmed Siddiqui and Malay Ranjan Tripathy
		320	Suitability of Ionospheric Coefficients for IRNSS Single Frequency Receivers	Qurram Javeed Mohd, Dattatreya Sarma Achanta and Supraja Reddy Ammana
		131	A Ku Band Circularly Polarized Microstrip Antenna for Satellite Applications	Anjaneyulu Gera and Siddartha Varma
		18	Design and Analysis of Miniaturized Triangular SLR Based Metamaterial Antenna for Radar Applications	Moksha Shah, Shreshthi Yadav and Navneet Gupta
		60	High Gain Patch Antenna Array with Parasitic Elements for CubeSat Applications	Mohamed El Bakkali, Gurjot Singh Gaba, Faisal Em Tubbal and Najiba El Amrani El Idrissi
		122	Wideband Circularly Polarized Monopole Patch Antenna	Ruchi Pandey and Sanjeev Kumar Mishra
		146	Characteristic mode Analysis of Circular Microstrip Patch Antenna	Sumithra Panneerselvam and Kannadassan D
		164	CPW-fed broadband circularly polarized antenna for GNSS and Wi-Fi applications	Amit Birwal, Sanjeev Singh and Binod Kumar Kanaujia
		303	Conformal SIW Feed Tapered Antenna Array for the 10 GHz Frequency Applications	Rehan Ahmed Siddiqui, Bishal Mishra and Malay Ranjan Tripathy

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		8	A Wideband Dual-Band Metamaterial loaded antenna for Wireless Applications	Sri Vidya Gundappagari, Shanoor Shaik and Sulakshana Chilukuri
		26	Cross Polarization Reduction in Patch Antenna Using DGS	Husna Khouser and Yogesh Kumar Choukiker
		44	Analysis of impedance matching stair-shaped slot antenna for 60 GHz femtocell applications	K. Bharath Kumar and Dr.T Shanmuganantham
		48	Design of Micro-Machined Reconfigurable Patch Antenna using MEMS Switch	Ashish Kumar and Amar Partap Singh
		118	Exponential Tapered Patch Antenna with DGS for C-Band Applications	Ketavath Kumar Naik, Uv Ratna Kumari and Srilakshmi J
		225	Dual-band Antennas with Multifunctional Beam for DCS/WLAN Applications	Athira Raveendran and Sujith Raman
		267	Characteristic Mode Analysis of Ground Plane for Conformal Antennas	Kamili Jagadeesh Babu, Boddu Subba Rao and Bandi Kiran Kumar
		293	Design of Metamaterial based Antenna	Akshita Bhasker and Rishab Kinnerkar
		324	Design of Inverted U-shaped Radiating Patch Antenna for LTE/WiMAX Applications	Sandhya Rani Sriram, Dattatreya Gopi, Ravi Kumar Palla and Kumar Naik Ketavath
		19	Frequency and Polarization Reconfigurable Microstrip Antenna with Switching Feed Configuration	Suresh Kumar M and Yogesh Kumar Choukiker
		174	Performance Analysis of Frequency reconfigurable Microstrip Antenna	Devesh Kumar, Anwar Shahzad Siddiqui, M. R. Tripathy and H. P. Singh
		181	Substrate Integrated Waveguide (SIW) Leaky-Wave Antenna With Sinusoidally Modulated Transverse Slots	Mahesh Singh and Bratin Ghosh
		271	Design and study Of A simple Circularly Polarised Antenna For Dual Band Applications in S Band	Paikhomba Loktongbam and Santosh Madutha
		42	Design of Different Shaped DRAs for 60 GHz Millimeter-wave Applications	Priya Ranjan Meher, Bikash Ranjan Behera and Sanjeev Kumar Mishra
		17	Dual Band Dual Polarized Coplanar Waveguide Antenna Using Pentagonal Shaped Ground	Mohammad Imroz Khan, Suresh Chejarla and Avinash Chandra
17-Dec-18	1430-1630	IA-2	Interactive session -2	Location : Exhibit area G.01 to G.06
			Chair : E. Rahadjo	Coordinator : D Ramkrishna and Vivek Pandit
		92	Design of Quasi-Yagi Dipole Phased Array Antenna at Ku-Band	Dovari Nagaraju and Yogesh K. Verma
		170	Design of a Compact PIFA for Telemetry Applications	Raja Sharma, Prakhar Jain and KJ Vinoy
		196	Edge cut Inset-fed Dual-Band Slot Antenna for PCS and Bluetooth/WLAN Applications	Rajeshwar Goud Jangampally, N. V. Koteswara Rao Rao and A. Mallikarjuna Prasad
		301	A Triband Microstrip Stacked Patch Antenna Design for GPS and IRNSS Applications Design for GPS and IRNSS Applications	Sujanath Narayan, Velavikneshwaran V and James Baskaradas
		322	5.8 GHz WLAN MIMO ANTENNA WITH POWER DIVIDER ARMS	Dr. Leeladhar Malviya, Ashish Shakya and Karan Gehlod

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	45	Study Of Effects Of SAR In Body Phantoms Of The Human Body In A Patch Antenna	Paikhomba Loktongbam and Omvir Mann
	55	Compact frequency Reconfigurable rectangle patch with double slot Antenna for Cognitive Radio Applications	Vijayachandra Kavuri, Satyanarayana M and B.T. Krishna
	29	Design of Single Layer Dual Band Antenna for Secondary Radars	Indira Srivastava and Dr Ajay Kumar Sharma
	99	Miniaturization and Gain Enhancement of Array Antenna for Dual Band RADAR System	Kanchan Wagh and Shashank Shriramwar
	290	A Novel Flower shaped Top Loaded Transparent DRA for Isolation Improvement in MIMO System	Divya Gudapati, Jagadeesh Babu K and Madhu Ramarakula
	20	Reconfigurable Terahertz Antenna design using Active Metamaterial	Ramesh Reddy Chirrayyagari and Vijay Kumar
	38	DESIGN & ANALYSIS OF KOCH SNOWFLAKE GEOMETRY WITH ENCLOSING RING MULTIBAND PATCH ANTENNA COVERING S AND L BAND APPLICATIONS	Srinivasa Rao Nukala
	58	Pattern Reconfigurable Rectangular Micro-Strip Antenna for Wireless C-Band Applications	Venkateswarlu Peram, Vijayachandra K and Satyanarayana M
	73	The Split Ring Resonator Loaded Conductor Backed CPW Fed Antenna for Interfacing Applications	Sajith K and Dr.T. Shanmuganantham
	74	Fibonacci Word Fractal Antenna Design for Fixed Satellite and Aeronautical Radio Navigation Services	Ashwini Kumar and Amar Partap Singh
	130	A frequency Reconfigurable E-shaped Patch antenna on EBG Structured Substrate and its SAR improvement	Ganesh Totala and Prof. Mrs.Manasi Kaniitkar
	176	2.4 GHz Circularly polarized Microstrip Patch Antenna with Diagonal Structural Symmetry	Guru Varun Nitin Gadepalli and Divyabramham Kandimalla
	194	A Small Broadband Micro Strip Patch Antenna with Ground Plane Optimization	Debajyoti Chatterjee and Anjan Kumar Kundu
	238	Wearable antenna for millimeter wave 5G Communications	Deepak Sharma, Satya Kesh Dubey and Vijay Narain Ojha
	259	Design of Substrate Integrated Waveguide Slot Array Antenna at X-Band	Katyayani V, Srujana Vahini Nandigama, Ramakrishna Dasari and Pandharipande V.M
	294	Beam Convergence in Antenna Pattern using Conical and Hemispherical Dielectric Lens	Abhishek Joshi and Rahul Singhal
	299	Compact Microstrip Antenna for Radar Altimeter Applications	Annapantula Sudhakar, Sunil Prakash Mandru and Moturi Satyanarayana
	321	Design of Wide-Range Spurious Suppressed Compact Multiple-Stub Microstrip Branch-Line Balun with Predefined Bandwidths	Ravi Sekhara Reddy V, Vamsi Krishna Velidi and Prabhakara Rao B
	15	A Composite Circularly Polarized Crossed Bowtie Microstrip Patch Antenna for IRNSS Application	Vruti Joshi and Balvant Makwana
	243	Dual Band Open Ended Slot Antenna for Metal Body Mobile Devices	Maruti Tamrakar and Jayprakash Thakur
	25	Multiband PIFA Antenna for Mobile Handheld Devices	Shruthi G and Yogesh Kumar Choukiker
	33	Planar Disk Power Divider for Amplifier Characterization at C-Band	Kamaljeet Singh and Nirmal A V
	127	Design of a Printed Quadrifilar Helical Antenna	Meenakshi Shyamsundar, Swathi R and Urmi Maitra

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		144	A Relativistic Based Computational Technique For Scattering Analysis Due To An Accelerating Target	Babu Linkoon P Meenaketan, Srikanta Pal and Neela Chatteraj
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