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	216	Gain Enhancement of Four Edges Gap-coupled Microstrip Antenna using I-Shaped Resonators as Superstrate <i>Durga Kumar, Rabindra Singh - Kamla Nehru Institute of Technology, Sultanpur, Kushmanda Saurav, Debdeep Sarkar, Kumar Vaibhav Srivastava - Indian Institute of Technology Kanpur</i>

217	Metallic Capped Hybrid Inhomogeneous Hemispherical Dielectric Resonator Antenna for Enhanced Operational Bandwidth <i>Shivam Arora, Latheef A. Shaik, Chinmoy Saha - Indian Institute of Space science and Technology, Thiruvananthapuram, Jawad Y. Siddiqui - Institute of Radiophysics and Electronics University of Calcutta</i>
219	Broadband Metamaterial Based Resonant Cavity Antenna. <i>Satyadeep Das, Sudhakar Sahu - KIIT University, Bhubaneswar</i>
222	Some Practical Considerations of RF to DC Converter using Low Vth CMOS Rectifier <i>Sanjeev.K, Manjunath Machnoor, K.J.Vinoy, T.V.Prabhakar - Indian Institute of Science, Bangalore, India 560012</i>
223	A Compact Spherical Phased Array Antenna for Spacecraft Data Transmission at X-Band <i>B. Pavan Kumar, Chandrakanta Kumar, M. Kumar, V. Senthil Kumar, V. V. Srinivasan – Communication Systems Group, ISRO Satellite Centre, Bangalore</i>
225	Gain Enhancement Evaluation in Superstrate-loaded Planar Antennas <i>E. Anusha-SRM University, Tamil Nadu, P.H. Rao-SAMEER, Chennai, Tamil Nadu, Krishnasamy T.Selvan -SSN College of Engineering, Tamil Nadu</i>
226	Annular-Ring Antenna For UWB Applications <i>Richa Chandel, Anil Kr Gautam - G. B. Pant Engineering college Pauri Garhwal, Uttarakhand, Binod Kr Kanaujia - Ambedkar Inst of Adv Comm Tech & Research, Delhi</i>
227	Time Dependent Capacitance in Photoconductive Antenna <i>Jitendra Prajapati, Mrinmoy Bharadwaj, Amitabh Chatterjee, Ratnajit Bhattacharjee - Indian Institute of Technology Guwahati</i>
228	A Study of CSRR loaded Microstrip Antenna for Multiband Applications <i>Galaba Sai Rajesh, Vijay Kumar - SENSE, VIT Vellore, Tamilnadu</i>
230	Small Size Dual-band Fractal Boundary Split Ring Planar Antenna <i>Balwinder Dhaliwal-Guru Nanak Dev Engineering College, Ludhiana, India; Shyam S.Pattnaik - NITTTR Chandigarh, India</i>
237	Design of Microstrip Patch Antenna with Asymmetric Sai Shape DGS for Bandwidth Enhancement <i>Mrs.Devashree S.Marotkar¹, Dr.Prasanna Zade², Dr.Vivek Kapur¹⁻¹Rajiv Gandhi College Of Engineering & Research, Nagpur, ²Yeshwant Rao Chawan College of Engg</i>
238	Design of a Frequency Agile Rat Race Coupler <i>¹Biswajit Dwivedy, ¹Santanu Kumar Behera, ²Debasis Mishra-¹National Institute of Technology Rourkela, ²VSSUT Burla, Odisha</i>
239	Aperture Coupled Rectangular Element Log Periodic Dielectric Resonator Antenna array for X Band <i>Shashank Solomon, Runa Kumari - Birla Institute of Technology & Science, Pilani, Hyderabad Campus, Hyderabad, India</i>
240	Krylov Recycling Method for 3D Full-wave EM Simulation <i>^{1,2}Gourav Chatterjee, ²Dipanjan Gope -¹Indian Institute of Science Bangalore, India, ²Robert Bosch Engineering Business Solution Limited</i>

241	SRR LOADED DIPOLE RFID TAG FOR UHF BAND <i>K K Aju John, Manju Abraham, Fijo Jose K, Thomaskutty Mathew-School of Technology and Applied sciences, M G University Regional Center, Edapally, Kerala INDIA</i>
242	Dual-Beam Dielectric Image Line Tapered Antenna in Planar Environment <i>Chandra Shekhar Prasad, Animesh Bishwas - Indian Institute of Technology, Kanpur</i>
246	CPW Fed Dielectric Resonator Antenna with Complementary Characteristics <i>Aneesh Kumar R, Latheef A. Shaik, Chinmoy Saha - Indian Institute of Space science and Technology, Thiruvananthapuram</i>
248	Bandwidth Reconfigurable Cylindrical Dielectric Ring Resonator Antenna with Metallic Loading <i>Latheef A. Shaik, Chinmoy Saha, Shivam Arora - Indian Institute of Space science and Technology, Thiruvananthapuram, Jawad Y. Siddiqui - Institute of Radiophysics and Electronics University of Calcutta</i>
250	A Printed Meander Loop Antenna for USB Dongle Applications <i>Himangshu Jyoti Das, Ratnajit Bhattacharjee - Indian Institute of Technology Guwahati</i>
251	Castor Leaf-shaped Quasi-Self-Complementary Antenna with Dual Band-Rejection Characteristics <i>Situ Rani Patre, S. P. Singh - Indian Institute of Technology (Banaras Hindu University) Varanasi</i>
252	Printed Ultrawide Band- Narrow Band Antenna Pair with Enhanced Isolation for MIMO Applications <i>K. Vamshi Krishna, P. Ravi Teja Naidu, Latheef A. Shaik, Chinmoy Saha - Indian Institute of Space Science and Technology, Jawad Y. Siddiqui - Institute of Radiophysics and Electronics, University of Calcutta</i>
258	Development of a Helical Resonator for ion trap application <i>Ashif Reza¹, Anuraag Misra¹, Saikat Sarkar², Arindam Kumar Sikdar¹, Parnika Das¹-¹Variable Energy Cyclotron Centre, Kolkata-700064, ²The University of Burdwan, Burdwan-713101</i>
259	Modified UWB Microstrip Monopole Antenna for Cognitive Radio Application <i>Arjuna Muduli, Rabindra K. Mishra - Berhampur University, Berhampur Odisha</i>
263	A Beam Steerable 62GHz Hexagonal Inhomogeneous DNG Superstrate <i>Kumar Satyabrat Sahu, Rabindra K. Mishra - Berhampur University, India</i>
264	Design of a Frequency Notched Coplanar Tapered Slot Antenna using Split Ring Resonator <i>Sanghamitro Das¹, Ashwin K. Iyer¹, Latheef A. Shaik², Chinmoy Saha²-¹University of Alberta, Canada, ²Indian Institute of Space Science and Technology</i>
265	UWB Microwave Sensor Array Characterization for Early Detection of Breast Cancer <i>Mahrukh Khan, Deb Chatterjee-School of Computing and Engineering University of Missouri Kansas city (UMKC) Kansas City, Missouri, U.S.A</i>
267	Enhancement of Isolation in Printed MIMO Antenna Using Multiple EBG Elements <i>P. Ravi Teja Naidu, K. Vamshi Krishna, Latheef A. Shaik, Chinmoy Saha- Indian Institute of Space science and Technology, Thiruvananthapuram, India</i>
271	Analysis and Synthesis Of Microstrip Band-Stop Notch Filter Using Hairpin DGS <i>Sumit Mitra, Sudhabindu Ray - Jadavpur University</i>
272	Compact 2-port fractal monopole MIMO antenna with polarization diversity and high isolation <i>S. Rajkumar¹, Krishnasamy T. Selvan¹, P. H. Rao²-¹SSN College of Engineering Kalavakkam-603 110, ²SAMEERCentre for Electromagnetics</i>