

S.No	Name of Author(s)	Title of Paper	Name of Conference	Place of Conference	Publication Date (DD/MM/YYYY)	National / International
1	Rashpinder Kaur, Gurbinder Singh, Balwinder Singh Dhaliwal, Sandeep Singh Gill	Implementation Of Modified Variable Step Size Least Mean Square Algorithm In Lab View	2012 IEEE International Conference on Computational Intelligence and Computing Research	Tamil Nadu College of Engineering, Coimbatore, India	December 18-20, 2012	International
2	Sandeep Singh Gill, Amanjot Kaur Gill	Ethical Behavior And Corporate Social Responsibility: A Case Study	Third International Conference on Computer Application	Techno Forum Research and Development Centre, Pondicherry, India	December 27 - 29, 2012	International
3	Rashpinder Kaur, Gurbinder Singh, Balwinder Singh Dhaliwal, Sandeep Singh Gill	Acoustic Echo Cancellation Using Modified Variable Step Size Least Mean Square Adaptive Algorithm	Third International Conference on Computer Application	Techno Forum Research and Development Centre, Pondicherry, India	December 27 - 29, 2012	International
4	Sanjeev Kumar, Simrandeep Singh, Gurpurneet Kaur and Sandeep Singh Gill	Silicon Nanowire Double Gate Fets & Its Applications: A Review	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
5	Navneet Kaur, Sandeep Singh Gill, Gurpurneet Kaur, Chahat Jain, Gurjot Kaur Walia	A Review On Leakage Power Control Techniques In VLSI	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
6	Jasmeet Kaur, Mohit gupta, Gurpurneet Kaur, Dr. Sandeep Singh Gill	A Review On Network On Chip: An On-Chip Interconnection Network	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National

7	Honish Kumar, Mohit Gupta, Simrandeep Singh Dr.Sandeep Singh Gill, Navneet Kaur	A Review On Devices Beyond Sub-22nm Node	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
8	Rohin Gupta, Sandeep Singh Gill, Navneet Kaur	Analysis Of 6T CMOS SRAM Cell In 180nm Technology	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
9	Balwinder Singh Dhaliwal, Sandeep Singh Gill, Chetna	Design Of Low Pass FIR Digital Filter Using Genetic Algorithms	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
10	Rashpinder Kaur, Gurjinder Singh, Balwinder Singh Dhaliwal, Sandeep Singh Gill	Performance Analysis Of Variable Step Size Least Mean Square Algorithms	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
11	Gurvinder Singh, Sandeep Singh Gill	Various Design Methodology For Industrial Process Controller-A Review	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
12	Manpreet Singh, Sandeep Singh Gill	Implementation Of Adaptive Beamformer With FFT For Noise Supression	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National

13	Amarjot Kaur, Sandeep Singh Gill	A Review Of Optimization Techniques For VLSI Floorplanning	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
14	Dr.Sandeep Singh Gill , Gurpreet Kaur	Muti-Objective Approach For Power Delay Optimization Using GA	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
15	Simrandeep Singh, Sanjeev Kumar, Honish Kumar and Dr.Sandeep Singh Gill	Performance Of The Inalas/Ingaas HEMT With Different Gate Lengths And Their Use In Wave Application: A Review	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
16	Puneet Bansal, Balwinder Singh Dhaliwal, Sandeep Singh Gill	FPGA Implementation Of CORDIC Based Sine/Cosine Digital Wave Generator	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
17	Tanmeet Kaur, Balwinder Singh Dhaliwal and Sandeep Singh Gill	Performance Evaluation Of MIMO Systems With Different Modulation Techniques	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
18	Mohit Gupta, Jasmeet Kaur, Honish Kumar, Navneet Kaur, Dr.Sandeep Singh Gill ,	A Review On Finfet Characteristics And Its Applications	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National

19	Yogesh Kumar, Kanwaljit Singh and Yogyata Jain	Enhancement Of Prevailing IB- LEACH For Heterogeneous Wireless Sensor Networks	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
20	Yogesh Kumar, Daljeet Singh, Kanwaljit Singh	Improved Method For Managing Password Using Blowfish Algorithm	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
21	Simranjit Singh, Kanwaljit Singh	MSEP-E(MODIFIED SEP-E) For Heterogeneous Clustered Wireless Sensor Networks	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
22	Arwinder Kaur, Kanwaljit Singh	Study Of Congestion Problem In Wireless Sensor Networks	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
23	Kashish Sareen, Kanwaljit Singh	Centroid Localisation For Wireless Sensor Networks	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
24	Shyna Kalra , Chahat Jain and Kanwaljit Singh	Review On Routing Protocol- EIGRP	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National

25	Arpit Badaisha , Ameeta Seehra	Energy Efficient Wireless Optical Broadband Access Networks	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
26	Pawandeep Kaur Gill, Ameeta Seehra	Analysis Of Handover Schemes In WiMAX	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
27	Preet Kaur, Ameeta Seehra	Energy Saving In Cellular Networks By Femtocell Deployment	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
28	Nirmal Singh Grewal et. al	DVB-T Simulation With OWDM	International Conference on Advancement in Engineering and Technology (ICAET'2012)	Bhai Gurdas Institute of Engineering and Technology, Sangrur, India	October 12-13, 2012	International
29	Rajni Bala, Reena Kaushal, Nirmal Singh Grewal, Munish Rattan and Balwinder Singh Dhaliwal	Development Of Fuzzy Logic Based System To Make A Car Intelligent	International Conference on Advancement in Engineering And Technology (ICAET'2012)	Bhai Gurdas Institute of Engineering and Technology, Sangrur, India	October 12-13, 2012	International
30	Er. Yogesh Garg, Nirmal Singh Grewal and Er. Lovekesh	Performance Evaluation Of IEEE 802.16 (Wimax) System Based Adaptive Modulation	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National

31	Komal ,Taranjot Kaur and Nirmal Singh Grewal	Design Of An Embedded System That Displays Vacant Seats In A Bus	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
32	Amandeep Kaur, Nirmal Singh Grewal	Aircraft Take-Off And Landing Using Fuzzy Logics	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
33	Amandeep Kaur, Nirmal Singh Grewal	Study Of Devices Used For Heart Attack Detection	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
34	Komal ,Taranjot Kaur and Nirmal Singh Grewal	Design Of An Obstacle Detection System	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
35	Taranjot Kaur, Komal and Nirmal Singh Grewal	Comparative Study Of Various Methods Used To Design Arithmetic & Logic Unit Using Reversible Logics	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
36	Komal ,Taranjot Kaur and Nirmal Singh Grewal	A Review On Reversible Logic Circuit	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National

37	Narwant Singh Grewal, Amardeep Singh	Cryptography Algorithms Used For Data Security	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
38	Anuradha, Narwant Singh Grewal	High Speed ALU Design Using Ancient Vedic Mathematics	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
39	Reetika Singla, Narwant Singh Grewal	A Comparative Study Of Digital IIR Filter Design Using Optimization Techniques	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
40	Lakhwinder Singh, Narwant Singh Grewal and Chahat Jain	Design Of Multiband C-Shaped Microstrip Patch Antenna	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
41	Taranjit Kaur and Balwinder Singh Dhaliwal	Design Of Linear Phase Digital High Pass FIR Filter Using Mutation Based Particle Swarm Optimization Technique	International Conference on Advancements in Engineering & Technology (ICAET-2012)	Bhai Gurdas Institute of Engineering and Technology, Sangrur, India	October 12-13,2012	International
42	Ankita, J. S. Sohal and Balwinder Singh Dhaliwal	Design Of ANN Model For Analyzing Slotted Triangular Patch Antenna	International Conference on Advancements in Engineering & Technology (ICAET-2012)	Bhai Gurdas Institute of Engineering and Technology, Sangrur, India	October 12-13,2012	International

43	Monika and Balwinder Singh Dhaliwal	Parameter Estimation Of Reflector Antenna Using Multi-Objective Particle Swarm Optimization	International Conference on Advancements in Engineering & Technology (ICAET-2012)	Bhai Gurdas Institute of Engineering and Technology, Sangrur, India	October 12-13,2012	International
44	Simranjit Kaur, J. S. Sohal and Balwinder Singh Dhaliwal	Calculation Of Optimized Parameters Of Elliptical Microstrip Patch Antenna Using Genetic Algorithms	International Conference on Communications & Electronics (ICCE-2012)	Krishna Institute Of Engineering & Technology, Ghaziabad, India	October 19-20, 2012	International
45	Manu Bhatia and Balwinder Singh Dhaliwal	On The Design Of Circular Fractal Patch Antenna For Wi-Max Applications	International Conference on Speech, Image, Biomedical and Information Processing (SIBIP-2012)	Chitkara University, Rajpura, India	November 1-2, 2012	International
46	Meenu Sankalp and Balwinder Singh Dhaliwal	Motion Detection Of Coma Patient With Patient Monitoring System Using Image Processing	International Conference on Speech, Image, Biomedical and Information Processing (SIBIP-2012)	Chitkara University, Rajpura, India	November 1-2, 2012	International
47	Balwinder Singh Dhaliwal and Shyam S. Pattnaik	Performance Evaluation Of Artificial Neural Networks In Microstrip Fractal Antenna Parameter Estimation	IEEE International Conference on Communication Systems 2012 (IEEE ICCS'12)	Singapore	November 21-23, 2012	International
48	Simranjit K. Josan, J. S. Sohal and Balwinder Singh Dhaliwal	Design Of Elliptical Microstrip Patch Antenna Using Genetic Algorithms	IEEE International Conference on Communication Systems 2012 (IEEE ICCS'12)	Singapore	November 21-23, 2012	International

49	Balwinder Singh Dhaliwal and Shyam S. Pattnaik	Design Of A Miniaturized Crown Rectangular Fractal Antenna Using RBF Neural Networks	National Symposium on Antennas and Propagation (APSYM 2012)	Department of Electronics of the Cochin University of Science of Technology (CUSAT), Cochin, India	December, 2012	National
50	Balwinder Singh Dhaliwal , Richa Sawhney	Optimization Of Rectangular Microstrip Patch Antenna Using Cooperative Bacterial Foraging Optimization	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
51	Mukta Sharma, Balwinder Singh Dhaliwal	A Review On Micro Bacterial Foraging Optimization	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
52	Parampal Singh, Balwinder Singh Dhaliwal	Review Of Linear Phase Low Pass Filter Using Optimization Techniques	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
53	Manu Bhatia, Balwinder Singh Dhaliwal	Design Of Circular Fractal Patch Antenna For WI-MAX Applications	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National

54	Balwinder Singh Dhalival , T. Singh and Anita	High Speed, Low Pass FIR Filter Design: Review	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
55	Manpreet Kaur, Balwinder Singh Dhalival	Overview Of Reversible Logic Gates	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
56	Balwinder Singh Dhalival and Shyam S. Pattnaik	Design Of A Miniaturized Tapered Crown Rectangular Fractal Antenna For ISM Band	IEEE Indian Antenna Week (IAW-2013)	Marathwada Institute of Technology Aurangabad, Maharashtra, India	June 3-7, 2013	National
57	Tejinder Singh, Balwinder Singh Dhalival	Design Of High-Speed FIR Filter Based On Signal Array Multiplier Implemented On FPGA	International Conference on Emerging Technologies in Electronics & Communication (ICETEC 2013)	Guru Nanak Dev University, Amritsar, India	December 20-22, 2013	International
58	Daljeet Kaur, Munish Rattan , Gurjinder Kaur	Spectrum Aware Mesh Routing In Cognitive Radio Networks	International Conference on Advancements in Engineering & Technology (ICAET-2012)	Bhai Gurdas Institute of Engineering and Technology, Sangrur, India	October 12-13, 2012	International

59	Nutan Singal, Munish Rattan	Performance Analysis of DCT, SVD and SPIHT Algorithm for Image Compression Application Based On Standard Deviation	International Conference on Communications & Electronics (ICCE-2012)	Krishna Institute Of Engineering & Technology, Ghaziabad	October 19-20, 2012	International
60	Tanupreet Sabharwal, Munish Rattan	Automation Of HDL And C++ Code Generation For Pipelined And Multiplier Free 2D-CWT Image Compression Algorithm	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
61	Jaspreet Kaur, Amit Kaur, Munish Rattan	Low Power TIQ Flash A/D Converter	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
62	Gurpurneet Kaur, Chatarpratap Singh, Munish Rattan, Navneet Kaur, Chahat Jain	A Review On VLSI Interconnect	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
63	Sobneek Kaur, Munish Rattan	A Review Of Cognitive Radio Spectrum Sensing Techniques	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National

64	Nancy garg, Munish Rattan	Image Segmentation And Object Extraction Using Binary Partition Tree & Ant Colony Optimization	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
65	Tanupreet Sabharwall, Munish Rattan	Review Article On Wavelet Based Still Image Compression Techniques	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
66	Manisha Singla, Dr. Munish Rattan	Patch Antenna Array And Their Applications	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
67	Rupinder Kaur, Dr. Munish Rattan	Proximity Coupled Patch Antenna And Its Applications	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
68	Narender kumar, Dr. Munish Rattan	Study Of Dynamic Power Management Techniques For Low-Power Embedded Systems	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National

69	Gurmukh Singh, Dr. Munish Rattan	A New Class Of Antennas-Self Structing Antennas	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
70	Prabhjot Singh, Baljeet Kaur	Systolic Array Architectures For FFT: A Review In	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
71	Ashu Jaggi, Baljeet Kaur, Kulwinder Singh	Reduction Of Cross Phase Modulation In SCM-WDM System	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
72	Baljeet Kaur, Shalu	Introduction On WDM-ROF Optical Network	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
73	Neha Gupta, Baljeet Kaur	Performance & Analysis Of Solitons In Optical Domain	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National

74	Vinod Kumar, Baljeet Kaur , Ajay K. Sharma	Performance Analysis Of SCM And WDM Techniques On Rof-EPON Link	The Clute Institute International Academic Conference	Evergreen Laurel Hotel in Paris, France	June 9-11, 2013	International
75	Harminder Kaur, Gurjot Kaur Walia , Jagjeet Kaur, Navandeep Singh	Evolution In Mobile Communication Technology- A Review	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
76	Ravneet Kaur, Gurjot Kaur Walia, Harminder Kaur	Upgradation In Mobile Technology And Its Needs-A Review	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
77	Harminder Kaur, Gurjot Kaur Walia , Jagjeet Kaur, Navandeep Singh	Policy Based Service Provisioning System For WiMAX Network	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
78	Harminder Kaur	Dielectric Constant Measurements Of Ba6-3xPR6+2xTI18O54 At Microwave Frequencies Range From 8GHZ -12GHZ	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National

79	Baljeet SinghWalia, Gurjot Kaur Walia and Ravneet Kaur	Disaster Management- A Review	National Congress	DAVIET, Jalandhar	March, 2013	National
80	Navneet Kaur, Chahat Jain, Gurpurneet Kaur and Rohin Gupta	Design Of CMOS Inverter In 180nm Technology	International Conference on Advancements in Engineering & Technology (ICAET-2012)	Bhai Gurdas Institute of Engineering and Technology, Sangrur, India	October 12-13, 2012	International
81	Chahat Jain, Navneet Kaur, Gurpurneet Kaur and Shyna kalra	A Quicker Eye To The Future: 3nethra	Third National Conference on Recent Advances in Electronics and Communication Technologies (RAECT-13)	GNDEC, Ludhiana, India	March 21-22, 2013	National
82	Rohin Gupta	A Simplified Risc Processor Design Using Verilog	International Conference on Advancements in Engineering & Technology (ICAET-2012)	Bhai Gurdas Institute of Engineering and Technology, Sangrur, India	October 12-13, 2012	International
83	Sandeep Singh Gill, Amanjot Kaur Gill	State Of Tourism Industry In Punjab (India): A Case Study	Congress on Economy, Finance and Business (CEFB2013)	Department of Finance and Cooperative Management, National Taipei University, Thailand	November 06-08, 2013	International

84	Sandeep Singh Gill, Amanjot Kaur Gill	Corporate Social Responsibility In Small And Medium Enterprises In Industrial Hub Of Ludhiana (India): A Case Study	Congress on Economy, Finance and Business (CEFB2013)	Department of Finance and Cooperative Management, National Taipei University, Thailand	November 06-08, 2013	International
85	Dr. Sandeep Singh Gill, Bhavna Verma, Amanjot Kaur Gill	Effect Of Menstrual Cycle On The Formant Frequencies Of Speech Signal	ICETEAS '13	Rajasthan College of Engg. For Women, Jaipur, India	December 27-28, 2013	International
86	Dr. Sandeep Singh Gill, Amanjot Kaur Gill	Startup Issues In CMOS Power Supply	ICETEAS '13	Rajasthan College of Engg. For Women, Jaipur, India	December 27-28 , 2013	International
87	Rohin Gupta, Sandeep Singh Gill, Navneet Kaur	A Novel Low Leakage And High Density 5T CMOS SRAM Cell In 45nm Technology	IEEE Conference on Recent Advances in Engineering and Computational Sciences (RAECS-2014)	PU, Chandigarh	March 6-8, 2014	National
88	P. Bansal, Balwinder Singh Dhaliwal and Sandeep Singh Gill	Memory Efficient Radix-2 FFT Processor Using CORDIC Algorithm	IEEE International Conference on Green Computing Communication and Electrical Engineering	PU, Chandigarh	March 6-8, 2014	International
89	Aditi Kalsh, Nirmal Singh Grewal	Design and Development Of Efficient Sign Language Recognition System	International Conference on Emerging Technologies in Electronics And Communication- ICETEC 2013	Guru Nanak Dev University, Amritsar, Punjab, India	December 20-22, 2013	International

90	Pallavi Sharma, Narwant Singh Grewal	A Hybrid Approach Based Broadcast Algorithm In Wireless ADHOC Networks	Proceedings of International Conference IRAJ	Pune (India)	August 10, 2013	International
91	Narwant Singh Grewal , Munish Rattan, Dr. Manjeet Singh Patterh	Antenna Array Pattern Failure Correction Using Differential Evolution Algorithm	2013 IEEE International Conference on Signal Processing, Computing and Control (ISPCC)	JUIT Wahnaghat, Solan, H. P. India	September 26-28, 2013	International
92	Er. Simerpreet Singh, Narwant Singh Grewal	Impact Of Various Propagation Models On Performance Of On-Demand Routing Protocols	4th International Conference on Emerging Trends in Engineering & Technology- IETET 2013	GIMT, Kurukshetra, India	October 25-27, 2013	International
93	Savita Rani, Narwant Singh Grewal	Design Of Floating Point Multiplication And Implementation On Hybrid FPGA	International Conference on Emerging Technologies in Electronics And Communication- ICETEC 2013	Guru Nanak Dev University, Amritsar, Punjab, India	December 20-22, 2013	International
94	Narwant Singh Grewal , Munish Rattan, Dr. Manjeet Singh Patterh	Array Failure Correction Using Simulated Annealing	IEEE Antenna Week Advances In Engineering and Computational Sciences	NITTTR, Chandigarh , India	May 26-30, 2014	National
95	Jasmine Boparai, Balwinder Singh Dhaliwal	A New Multiband Fractal Antenna For Wireless Applications	IEEE International Conference on Microwaves, Antenna, Propagation and Remote Sensing (ICMARS-2013)	International Centre For Radio Science Jodhpur, India	December 11-14, 2013	International

96	Balwinder Singh Dhaliwal , Shyam S. Pattnaik	A Miniaturized Multiband Split Ring Fractal Patch Antenna	IEEE Indian Antenna Week (IAW-2014)	NITTTR, Chandigarh & Punjab Technical University, Jalandhar, India	May 26-30, 2014	National
97	Harminder Kaur , Jagjit Kaur	A Review On Experimental And Analytical Analysis Of Earth Air Tunnel Heat Exchanger	Agriculture, Food Engineering and Environmental Sciences- Sustainable Approaches (AFEESSA- 2014)	Jawaharlal Nehru University, New Delhi, India	March 29-30, 2014	National
98	Harminder Kaur , Pallavi Jain	An Improved Gateway Based Design Of Network Model For Wireless Sensor Network	International Conference on Recent Trends in Electronics, Data Communication and Computing (ICRTED-2014)	Jawaharlal Nehru University, New Delhi	June, 2014	International
99	Chahat Jain	A Novel Multiband Fractal Antenna On A Fractalised Mushroom Stack	IEEE Indian Antenna Week (IAW-2014)	NITTTR, Chandigarh & Punjab Technical University, Jalandhar, India	May 26-30, 2014	National
100	Jasdeep Kaur, Sandeep Singh Gill	QoS Based Energy Efficient Key Management in Body Sensor Networks	International Conference on Medical Imaging, m-Health & Emerging Communication Systems	G.L.Bajaj Institute of Technology & Management, Greater Noida, India	November 7-8, 2014	International
101	Amanjot Kaur Gill, Sandeep Singh Gill	The Science & Technology Entrepreneurs Park (STEP), GNDEC, Ludhiana : A Case Study	6th National Conference on Innovative Approaches in Management , Law & Social Sciences for Sustainable Growth and Development	Manav Bharti University, Sultanpur, Solan, HP, India	November 28-29, 2014	National

102	Simranjeet Singh Puaar, Sandeep Singh Gill	Power Evaluation of Adiabatic Logic Circuits in 45nm Technology	International Conference on Emerging Trends in Engineering and Management -2014 (ICETEM-2014)	Sree Narayan Gurukulam college of Engineering, Ernakulam, Kerala, India	December 30-31, 2014	International
103	Amanjot Kaur Gill, Sandeep Singh Gill	Employees' Satisfaction about HR Policies and Practices : a study on Agro Based Industries in Punjab (India)	International Conference on Emerging Trends in Engineering and Management -2014 (ICETEM-2014)	Sree Narayan Gurukulam college of Engineering, Ernakulam, Kerala, India	December 30-31, 2014	International
104	Ankja Dubey, Sandeep Singh Gill	Comparison of FinFET and IG FinFET at sub-32nm Technology	International Conference on Electrical ,Electronics, Signals, Communication and Optimization (EESCO)	Vignan's Institute of Information Technology Duvvada, Visakhapatnam Andhra Pradesh, India	January 24-25 , 2015	International
105	Gaurav Kumar, Sandeep Singh Gill	QRD-RLS Adaptive Filtering Approach for Acoustic Echo Cancellation and its Comparison with LMS and FLMS Algorithms	International Conference on Electrical, Electronics, Signals, Communication and Optimization (EESCO)	Vignan's Institute of Information Technology Duvvada, Visakhapatnam Andhra Pradesh, India	January 24-25 , 2015	International
106	Surekha Rani, Balwinder Singh Dhaliwal, Sandeep Singh Gill	Differential Evolution Biogeography Based Optimization For Linear Phase FIR Low Pass Filter Design	International Conference on Modeling, Simulation and Optimizing Techniques (ICMSOT-2015)	DAV College, Jalandhar, India	February 12-14, 2015	International
107	Gurveer Kaur, Balwinder Singh Dhaliwal and Shyam S. Pattnaik	Metamaterial Loaded High Gain Smiley Antenna	Proceedings of International Symposium on Antennas and Propagation APSYM, 2014	Department of Electronics, Cochin university of Science & Tecchnology, Kochi, India	December 17-19, 2014	International

108	Parampal Singh, Balwinder Singh Dhalwal	An Efficient Hybrid SIMBO-GA Approach to Design FIR Low Pass Filter	International Conference on Modeling, Simulation and Optimizing Techniques (ICMSOT-2015)	DAV College, Jalandhar, India	February 12-14, 2015	International
109	Mukta Sharma, and Balwinder Singh Dhalwal	Design of Rectangular Microstrip Patch Antenna using Self-adaptive Bacterial Foraging Optimization	International Conference on Electrical Electronics Communication Robotics and Instrumentation Engineering (ICEECIE 2015) Chandigarh	Chandigarh, India	May 17, 2015	International
110	Gaganjot Kaur, Chahat Jain	Circularly Polarized Microstrip Antenna on Hilbert Curve Artificial Magnetic Conductor Surface	International conference on Computing ,Communication and Automation-2015 (IEEE)	Galgotia's university, Noida, UP, India	May 15-16, 2015	International
111	Navneet Kaur, Sandeep Singh Gill, Munish Rattan	Impact of Fin Height on the Performance of 25 nm Rectangular Tri-Gate FinFET	National conference on Advances in Microelectronics, Instrumentation and Communication (MICOM-2015)	BITS, Pilani, India	November 20-21, 2015	National
112	Ankit Gaurav, Navneet Kaur, Sandeep Singh Gill	Performance Analysis of Rectangular and Trapezoidal TG Bulk FinFETs for 20 nm gate length	International Conference INDICON 2015(IEEE)	JMI, New Delhi, India	December 17-20, 2015	International
113	Sudarshana Jilowa, Sandeep Singh Gill, Gurjot Kaur Walia	Design of 3C-SiC Symmetric and Asymmetric Double Gate MOSFET	2nd IEEE International Conference on VLSI Systems, Architecture, Technology and Applications (VLSI SATA 2016)	Amrita School of Engineering, Amrita Vishwa Vidyapeetham Bengaluru Campus, India	January 10-12, 2016	International

114	Jaidev, Sandeep Singh Gill, Navneet Kaur	Performance Analysis of 20 nm Si and Ge channel based Pentagonal and Trapezoidal NWT	International Conference on Mathematics Physics & Allied Sciences	Carmel College, Margao, Goa, India	March 3-5, 2016	International
115	Amarjot Kaur, Sandeep Singh Gill, Gurjot Kaur Walia	Hybrid Swarm Intelligence for VLSI Floorplan	IEEE International Conference on Computing, Communication and Automation (ICCCA-2016), (Souvenir)	School of Computing Science and Engineering, Galgotias University, Noida, UP, India	April 29-30, 2016	International
116	Navneet Kaur, Sandeep Singh Gill, Munish Rattan	Impact of Gate Oxide Thickness and Aspect Ratio of Fin Height and Fin Width on Nanoscale Tapered FinFETs	IEEE International Conference on Recent Trends in Electronics Information Communication Technology	Sri Venkateshwara College of Engineering, Bengaluru, India	May 20-21, 2016	International
117	Sarvesh Singh, Sandeep Singh Gill, Navneet Kaur	Design and Performance Comparison of 20nm Multi-fin Bulk and SOI FinFETs at Different Temperatures	IEEE International Conference on Recent Trends in Electronics Information Communication Technology	Sri Venkateshwara College of Engineering, Bengaluru, India	May 20-21, 2016	International
118	Ankit Gaurav, Sandeep Singh Gill, Navneet Kaur, Munish Rattan	Density Gradient Quantum Corrections based Performance Optimization of Triangular TG Bulk FinFETs using ANN and GA	IEEE VDAT-16	IIT, Guwahati, India	May 24- 27, 2016	International
119	Parleen Kaur, Ameeta Seehra	Adaptive IIR Filter for Tracking and Frequency Estimation of Electrocardiogram Signals Harmonically	International Conference on current advances in Electronics, Computer Science and Information Technology (ICECSIT)	Pune, India	September 20, 2015	International

120	Pawanjot Kaur, Ameeta Seehra, Simranjit Kaur	Advances in Virtual- MIMO	3rd DAV National Congress on Science, Technology, Engineering, Humanities & Management	DAV Institute of Engineering & Technology, Jalandhar	May 20-21, 2016	National
121	Shivmanmeet Singh, Narwant Singh Grewal	Improved deployment of sensor in reliable messaging protocol for sensor network navigation without locations	International Conference on Innovative research in engineering science, information and communication technology (ICREICT-2015)	LLRIET, Moga, India	July 30-31, 2015	International
122	Narwant Singh Grewal, Munish Rattan, Manjeet Singh Patterh	A Linear Antenna Array Failure Detection using Bat Algorithm	2015 Eighth International Conference on Contemporary Computing (IC3)	Jaypee Institute of Information Technology, Noida (U.P., India)	August 20-22, 2015	International
123	Jasdip Kaur, Chahat Jain, Narwant Singh	An improved image watermarking technique implementing 2-DWT and SVD	IEEE International Conference on Recent Trends in Electronics Information Communication Technology	Sri Venkateshwara College of Engineering, Bengaluru, India	May 20-21, 2016	International
124	Sakshi Sharma, Narwant Singh Grewal, Naazia Makkar	Improving Network Stability of Sink Mobility using Immunity Algorithm in Wireless Sensor Networks	National Conference on Emerging trends in Engineering Science & Technology	SBSCET, Ferozpur, India	June, 2016	National
125	Navreet Saini and Balwinder Singh Dhaliwal	Output Aggregating Methods for Neural Network Ensemble	International Conference on Innovative research in engineering science, information and communication technology (ICREICT-2015)	LLRIET, Moga (India)	July 30-31, 2015	National

126	Aysha Sharma and Balwinder Singh Dhalwal	Design of IIR Filter using Hybrid GA and BBO Algorithm	International Conference on Emerging Trends in Engineering and Technology	Chandigarh, India	November 8, 2015	International
127	Balwinder Singh Dhalwal and S. S. Pattnaik	RBF Neural Networks as a CAD tool for the design of Sierpinski Gasket Fractal Antenna	National Conference on Emerging Technologies in Computer Engineering	Swami Keshvanand Institute of Technology, Management & Gramothan, Ramnagar, Jagatpura, Jaipur, Rajasthan, India	November 27 – 28, 2015	National
128	Balwinder Singh Dhalwal and Shyam Sundar Pattnaik	Compact Crown Circular Pre-Fractal Antenna and Its Analysis Using GA Based Selective ANN Ensemble	Asia-Pacific Microwave Conference (APMC2015)	Jinling Hotel, Nanjing, China	December 6-9, 2015	International
129	Navreet Saini, Balwinder Singh Dhalwal and Simranjit Kaur Josan	Genetic Algorithm Based Selective Neural Network Ensemble Method to Analyse Rectangular Microstrip Antenna	International Conference on Microwave, Optical and Communication Engineering (ICMOCE-2015)	IIT, Bhubaneswar, India	December 18-20, 2015	International
130	Balwinder Singh Dhalwal and Shyam S. Pattnaik	Small Size Dual-band Fractal Boundary Split Ring Planar Antenna,	IEEE Applied Electromagnetics Conference (AEMC-2015)	Department of EEE, IIT Guwahati, India	December 18-21, 2015	International
131	Aysha Sharma and Balwinder Singh Dhalwal	Digital Filter Design using Soft Computing Approaches	International Conference on Innovative Trends in Electronics Engineering	Punjabi University, Patiala, India	January 29, 2016	International

132	Nitika Sharma, Balwinder Singh Dhaliwal	Design of A Fractal Slot Antenna for Rectenna System and Comparison of Simulated Parameters for Different Dimensions	National Conference on Recent Innovations in Science & Engineering,	NIT, Hamirpur, India	March 04-05, 2016	National
133	Nitika Sharma, Balwinder Singh Dhaliwal, Simranjit Kaur	A New Tripple band hybrid Fractal Boundary Antenna	IEEE International Conference on Recent Trends in Electronics Information Communication Technology	Sri Venkateshwara College of Engineering, Bengaluru, India	May 20-21, 2016	International
134	Hardev Singh, K. S. Bedi and Balwinder Singh Dhaliwal	Artificial Neural Networks for Shear Strength Prediction of RCC Beams without web Reinforcement	International Conference on Sciences, Engineering & Technical Innovations (ICSETI-2016)	CT Institute of Technology, Shahpur, Jalandhar, Punjab, India	June 3-4, 2016	International
135	Narender Kumar, Munish Rattan	Implementation of Embedded RISC Processor with Dynamic Power Manangement for Low-Power Embedded system on SOC	2nd IEEE International Conference on Recent Advances in Engineering and Computational Sciences (RAECS-2015)	UIET, Panjab University, Chandigarh, India	December 21-22, 2015	International
136	Gagandeep Kaur, Chahat Jain, Munish Rattan	Review of Antennas Deploying Fractal Slot Geometries	Natiuonal conference on advances in engineering and technology (AETM'16)	MMU, Ambala, India	April 9, 2016	National
137	Gagandeep Kaur, Chahat Jain, Munish Rattan	A novel multiband Psi slotted fractal antenna for S-band applications	IEEE International Conference on Computing , Communiaction and Automation	Galgotia's University, Noida	April 29-30, 2016	International
138	Avneet Kaur, Baljeet Kaur	Performance Analysis of Hybrid TDM-WDM 10G-PON and 40G-PON for NG-PON	International Conference on Soft Computing, Intelligent Systems and Applications (ASISA- 2016)	R.L. Jalappa Institute of Technology, Kodigehalli, Doddaballapur, Bangalore, Karnataka, India	2016	International

139	Avneet Kaur, Baljeet Kaur, Kuldeepak Singh	Design and Performance Analysis of Bi-directional TWDM OFDM - PON with wavelength reuse scheme	International Conference on Recent trends in Electronics Information Communication Technology (IEEE)	Sri Venkateshwara College of Engineering Bangalore, India	May 20-21, 2016	International
140	Chahat Jain , Gurjot Kaur Walia, Navneet Kaur, Harminder Kaur, Gurpurneet Kaur	Engineering Cognitively in an Indian Scenario	3rd International Conference on MOOCs, Innovation and Technology in Education	Amritsar College of Engineering and Technology, Amritsar, India	October 1-2, 2015	International
141	Harminder Kaur	A Survey of Hybrid Cluster-Based Energy Efficient Routing Protocols in Wireless Sensor Networks	International Conference on Technologies for Sustainability Engineering, Information Technology, Management and Environment (SUSTECH-15)	DAV Institute of Management, Faridabad, India	November 28, 2015	International
142	Kanwarpreet Kaur, Prabhjot Kaur, Pooja Arora, Gurjot Kaur, Jaspreet kaur	A Review on Classification and Detection Techniques of Brain Tumor	Recent Trends in Environment, Science and Technology(RTSET-2016)	Rayat Bahra, University, Mohali, India	March 11, 2016	National
143	Kanwarpreet Kaur, Gurjot Kaur, Jaspreet Kaur	Detection of Brain Tumor: A Review	International Conference on Advancements in Engineering & Technology (ICAET-2016)	BGIET, Sangrur, India	March 18-19, 2016	International

144	Kanwarpreet Kaur, Gurjot Kaur, Navneet Kaur, Chahat Jain	A Review on Image Denoising Techniques	National Conference on Advances in Engineering & Technology Management & Science	Asra College of Engineering & Technology, Sangrur, India	April 23, 2016	National
145	Kanwarpreet Kaur, Gurjot Kaur, Jaspreet Kaur	Detection of Brain Tumor using NNE Approach	IEEE International Conference on Recent Trends in Electronics Information Communication Technology	Sri Venkateshwara College of Engineering, Bengaluru, India	May 20-21, 2016	International
146	Shruti Sharma, Ravneet Kaur, Vinay Kumar, Chahat Jain	Solar Energy Based Warehouse Control System	National conference on advances in engineering and technology (AETM'16)	MMU, Ambala, India	April 9, 2016	National
147	Sandeep Singh, Chahat Jain, Daljit Singh	A Novel Approach based on Reliable Messaging Protocol for Sensor Network Navigation without Locations	National conference on advances in engineering and technology (AETM'16)	MMU, Ambala, India	April 9, 2016	National
148	Chahat Jain	Design investigation of a spiralled swastika slotted antenna for modern space applications	IEEE International Conference on Recent Trends in Electronics Information Communication Technology	Sri Venkateshwara College of Engineering, Bengaluru, India	May 20-21, 2016	International

149	Rajwinder Kaur, Harminder Kaur, Jaspreet Kaur	Massively Dense Wireless Sensor Network: A Survey	National Conference on latest Initiatives and Innovations in Communication and Electronics	Chandigarh University Gharuan, India	April 29, 2016	National
150	Kirandeep Kaur, Neelu Jain	Performance Analysis of Text-dependent Speaker Recognition System based on Template Model based Classifiers	2015 International Conference on Signal Processing, Computing and Control (2015 ISPC)	Jaypee University of Information Technology Waknaghat, Solan-173234, India	September 24-26, 2015	International
151	Sandeep Singh Gill , Jaidev Kaushik, Navneet Kaur	Performance Analysis of 20 nm Pentagonal and Trapezoidal NanoWire Transistor with Si and Ge Channel	7th International Conference on NANOTECHNOLOGY (NANOTECHNOLOGY '16)	The Church Palace hotel, Via Aurelia, Rome, Italy	October 21-23, 2016	International
152	J. Kaur, Balwinder Singh Dhaliwal and Sandeep Singh Gill	Handwritten Gurmukhi Character Recognition using PSONN	International Conference on Advancements in Engineering & Technology (ICAET-2016)	Bhai Gurdas Group of Institutions, Main Patiala Road, Sangrur, Punjab, India	November, 2016	International
153	Balwinder Singh Dhaliwal, Jaspreet Kaur and Sandeep Singh Gill	Offline Handwritten Gurmukhi Character Recognition using Particle Swarm Optimized Neural Network	Fourth International Conference on Recent Trends in Communication and Computer Networks, (ComNet 2016)	Hotel Grand Inn #99, 2nd Main Road, Gandhi Nagar, Bengaluru, India	November, 2016	International
154	Raman Kumar and Sandeep Singh Gill	Design and Evaluation Of Charge Pump	IEEE PIICON 2016 7th Power India International Conference	Govt. Engineering College Bikaner, Rajasthan, India	November 25-27, 2016	International

155	Navneet Kaur, Sandeep Singh Gill and Munish Rattan	Electrical Characteristics of 14nm SiC-3C Channel SOI FinFET with Dual-k Spacer	IEEE PIICON 2016 7th Power India International Conference	Govt. Engineering College Bikaner, Rajasthan, India	November 25-27, 2016	International
156	Rohit Moudgil, Sandeep Singh Gill	Tuned Fuzzy Approach For Designing Of Pid Controller	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
157	Pulkit Jain, Sandeep Singh Gill	A Fuzzified Router for Multi-objective Global Routing in VLSI Physical Design	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
158	Sudarshana Jilowa, Sandeep Singh Gill, Gurjot Kaur Walia	Performance Analysis of Symmetric and Asymmetric 4H-SiC Based Double Gate MOSFET	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
159	Harsimranjit Singh Gill, Sandeep Singh Gill, Kamaljit Singh Bhatia	Future Generation of Passive Optical Networks	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
160	Sanamdeep Singh, Sandeep Singh Gill, Navneet Kaur	Design and Performance Comparison of Symmetric and Asymmetric Underlap Dual-K Spacer FinFETs	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International

161	Rohin Gupta and Sandeep Singh Gill	Soft Computing Techniques: A Review	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
162	Gurpurneet Kaur, Sandeep Singh Gill, Munish Rattan	Design and Performance Analysis of 20nm 5-Fin SOI FinFET for different channel materials	Proceeding of IEEE International Conference on Computing, Communication and Automation (ICCCA-2017)	School of Computing Science and Engineering, Galgotias University, UP, India	May 5-6, 2017	International
163	Pawanjot Kaur, Ameeta Seehra	Traffic Splitting in Hybrid Virtual-MIMO System in Wireless Sensor Networks	IEEE 4rth International Conference on Computing for Sustainable Global Development (INDIACom-2017)	Bharati Vidyapeeth's Institute of Computer Applications and Management, New Delhi, India	March 1-3, 2017	International
164	Kirandeep Kaur, Ameeta Seehra	Enhancement of network life time using fuzzy based Cluster Head Selection Algorithm	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
165	Sarpreet Kaur, Narwant Singh Grewal and Sapanjot Kaur Sandhu	Particle swarm optimization based radio over fiber system with optimized CNR and Bandwidth	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
166	Jaskaran Singh Phull, Narwant Singh Grewal	GNU Radio based implementation of Audio Transmission using Narrow-band Frequency Modulation	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International

167	Harjot Kaur Gill, Harmeet Singh Gill and Balwinder Singh Dhaliwal	Performance Analysis of OFDM-ODSB, OFDM-OSSB and OFDM-OVSB FSO Communication System by Employing Spatial Diversity	Fourth International Conference on Recent Trends in Communication and Computer Networks, (ComNet 2016)	Hotel Grand Inn #99, 2nd Main Road, Gandhi Nagar, Bengaluru	November 12, 2016	International
168	Jayant Chawla, Balwinder Singh Dhaliwal , Simranjit Kaur	An Adaptive Parameter Analysis Approach for Effective WSN Localization	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
169	Kamaldeep Kaur and Balwinder Singh Dhaliwal	Analysis of MIMO Antenna using Artificial Neural Network	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
170	Sahajpal Singh, Balwinder Singh Dhaliwal	Analysis of Hybrid fractal Antenna using Artificial Neural Network	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
171	Ramandeep Kaur, Simranjit Kaur Josan , Balwinder Singh Dhaliwal	Analysis of a Pentagon Fractal Antenna Using Artificial Neural Network	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
172	Simranjit Kaur Josan and Balwinder Singh Dhaliwal	Analysis of Elliptical Microstrip Patch Antenna Using Neural Network Ensemble	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International

173	Mandeep Singh, Balwinder Singh Dhalwal	Quad Staircase Shaped Microstrip Patch Antenna byusing ANN	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
174	Suman, H K Sardana and Balwinder Singh Dhalwal	Radio Frequency Radiation Impact Analysis on ECG and HRV: A Review	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
175	Kiranjot Kaur, Munish Rattan and Manjeet Singh Patterh	Bat Algorithm based Optimization of a Multiuser Cognitive Radio System over Nakagami- m Fading Channels	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
176	Gaurav Gupta, Munish Rattan, Jasmeet Kaur	A Review on Efficient data transmission in Vehicular AD-HOC network using Cognitive Radio	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
177	Deepak Papneja, Munish Rattan and Jasmeet Kaur	Multi-Coset Sampling based Wideb	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
178	Ravinderjit Kaur, Munish Rattan	Design and Optimisation of Radar Absorbing Material with the help of resistor FSS	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International

179	Amrit Singh, Baljeet Kaur	Cost Effective Approach for Suppression of Four Wave Mixing in WDM System	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
180	Avneet Kaur, Baljeet Kaur and Kuldeepak Singh	Next Generation Optical Access Networks: A Review	Proceedings of 4th International Conference on Advancements in Engineering & Technology (ICAET-2016) ISBN No. 978-81-924893-1-5	Bhai Gurdas Institute of Engg. & Technology, Sangrur, India	2016	International
181	Prabhjot Kaur, Baljeet Kaur	Four Code Keying in OCDMA	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
182	Divnoor Kaur and Baljeet Kaur	Implementation of a seamless bidirectional communication link for long-haul networks on optical fiber-free space optics system	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
183	Rajwinder Kaur, Harminder Kaur, Jaspreet Kaur,	HOP optimization in Massively Dense Wireless Sensor Network	IEEE First International Conference on Power Electronics, Intelligent Control and Energy	Delhi Technological University system, Delhi, India	July 4-6, 2016	International
184	Harpreet kaur, Harminder Kaur	New Energy Saving Routing Protocol With Modified Power Consumption Optimization In MANET	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International

185	Gaganpreet Kaur, Ashish Thakur, Harminder Kaur	Implementation of File Transfer With Gnu-Radio Tool on SDR Platform	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
186	Harminder Kaur , Jagjit Kaur	Gateway Based Design of Network Model for WSN	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
187	Shyna Kalra, Harminder Kaur	Improving Energy Efficiency of MANETs using protocol driven by CPE	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
188	Harminder Kaur , Harsimranjit Kaur, Jagjit Kaur	DWDM System Simulation of Design for Different Channel Spacing Using PDCF & PSMF	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
189	Samjot Kaur Aujla, Navneet Kaur and Gurjot Kaur Walia	Effective Detection of Glaucoma from Fundus Images using Computational Intelligence Technique	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
190	Gurjot Kaur , Kanwarpreet Kaur, Chahat Jain , Navneet Kaur and Gurpurneet Kaur	Amalgamation of NNE and Jaya Algorithm to extract the abnormal part in MRI Images	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International

191	Kanwarpreet Kaur, Gurjot Kaur, Jaspreet Kaur, Mandeep Kaur	Detection of Brain Tumor from MRI Images: A Review Student, GNDEC, Ludhiana, India	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
192	Gurpurneet Kaur, Ripjeet Singh, Gurjot Kaur Walia	Performance Analysis of Triangular Gate-all around Nanowire FETs with Si and GaAs as Channel Materials for Different Temperature values	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
193	Damandeep Kaur, Navpreet Singh Samra, Gurjot Kaur	Methods Of Malaria Diagnosis Using Image Processing	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
194	Saroop Singh, Chahat Jain, Nancy Gupta, Gurjot Walia	Prediction Of Resonant Frequency Of Spiralled Swastika Slotted Antenna Using ANN-BFO For Wlan Applications	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
195	Ripjeet Singh, Gurpurneet Kaur, Jasmeet Kaur	Design and Performance Analysis of Junctionless Nanowire Transistors based Inverters Using Si and SiGe as Channel Material	IEEE 4rth International Conference on Computing for Sustainable Global Development (INDIACom-2017)	Bharati Vidyapeeth's Institute of Computer Applications and Management, New Delhi, India	March 1-3, 2017	International
196	Gurleen Kaur, Gurpurneet Kaur and Manpreet Singh Brar	Design and Performance Analysis of 20nm 7-Fin SOI FinFET	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International

197	RK Singh, Chahat Jain	Eigen value and transmission characteristics of a disc loaded interaction structure for a Gyro-TWT amplifier	11 th International conference on Industrial and Information systems	IIT, Roorkee, India	Dec 3-4,2016	International
198	Sandeep Singh and Chahat Jain	Design and analysis of the fractal antenna over mushroom type AMC in the vicinity of 2-5 GHz	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
199	Shashi Bhushan Kotwal, Chahat Jain	RSSI Based 3D Localization in Wireless Sensor Networks	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
200	R. K. Singh and Chahat Jain	EM Analysis of Vane-Loaded RF Interaction Structure for its Potential Application in Gyrotrons	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
201	Chahat Jain	Metamaterial Cloaking: Making the invisibility through the visible	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
202	Saroop Singh, Chahat Jain	Analysis of Swastika Slotted pater on a telted square melasurface.	Proceeding of IEEE International Conference on Computing, Communication and Automation (ICCCA-2017)	School of Computing Science and Engineering, Galgotias University, UP, India	May 5-6, 2017	International

203	Avinashi Chabbra, Saroop Singh, Chahat Jain	Analysis of square fractal antenna on a square sloted metasurface	Proceeding of IEEE International Conference on Computing, Communication and Automation (ICCCA-2017)	School of Computing Science and Engineering, Galgotias University, UP, India	May 5-6, 2017	International
204	Sukhjeet Kaur, Ravneet Kaur, Harminder Kaur, Kuldeepak Singh	New Technologies of Optical wireless communications and their Applications	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
205	Ravneet Kaur, Sukhjeet Kaur, Harminder Kaur	An Approach to Study the Applications of Soft Computing	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
206	Shruti Sharma, Ravneet Kaur Gill, Harminder Kaur	Green Wireless Communication-Need & Approaches For Energy Efficient Wireless Communication	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
207	Harkirandeep Kaur, Kuldeepak Singh	Performance Analysis of MIMO-OFDM System for Fading Channels	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
208	Gurpreet Kaur, Kuldeepak Singh	A Robust Adaptive Beamforming Algorithm using Neural Network against a large Mismatch	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International

209	Avinash Kaur, Kuldeepak Singh	Segmentation in the retinal blood vessel and recognition using the Gabor filter	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
210	Jasleen kaur, Kuldeepak Singh	Performance Comparison of NRZ, RZ And CSRZ in Isowc System For Different Optical Windows And Power Levels At 10 Gbps	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
211	Mansi Girdhar, Kuldeepak Singh, Daljeet Singh	Non- Orthogonal Multiple Access in 5G	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
212	Amandeep Kaur, Jasmeet Kaur, Nishu kansal	D-EPAR: Distance-Efficient Power Aware Routing Protocol for MANETs	2nd International Conference on Next Generation Computing Technologies (NGCT-2016)	Center for Information Technology University of Petroleum & Energy Studies Bidholi Campus, Via- Prem Nagar, Dehradun	October 14-16, 2016	International
213	Jasmeet Kaur	Use of Evolutionary Algorithm approaches in Analog Integrated Circuit Design	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
214	Srishti, Jasmeet Kaur	Device Level Variability in fin shapes for 14 nm FinFET technologies	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International

215	ShwetaVij , Naazia Makkar, SapanjotKaur	Performance Analysis Of Ofdma, Mimo And Sc-Fdma Technology In Uplink And Downlink Channels In 4g Lte Networks	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
216	Sheenam Rattan, Jaspreet Kaur	Artificial Neural Network-Based System for Lung Nodules for Early Detection of Lung Cancer	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
217	Surinder Kumar, Jaspreet Kaur	Meta-Material Properties and Application Design	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
218	Sumandeep Kaur, Daljit Singh	Early Detection and Classification Of Diabetic Retinopathy using K-Means Color Compression and Fuzzy Logic	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
219	Tarandeep Singh	IOT Based Smart Waste Management Framework	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
220	Prabhjot Kaur, Sandeep Singh Gill, Navneet Kaur	Performance analysis of Junctionless accumulation mode (JAM) bulk FinFET using Dual-K Spacers at 15nm gate length	International Conference on Trends in Electronics and Informatics (ICOEI 2018)	SCAD College of Engineering and Technology, Cheranmahadevi, Tirunelveli, Tamil Nadu, India	May 11-12, 2018	International

221	Jashanjot Kaur, Sandeep Singh Gill, Gurpurneet Kaur	Electrical Characteristics of Double Gate and Trigate Silicon-On-Insulator Fin FET based Inverter at 20nm Technology	International Conference on Applied Sciences and Engineering (ICASE 2018)	Panjab University, Chandigarh, India	May 25, 2018	International
222	Pulkit Jain, Debjyoti Mallik, H. S. Jatana, Sandeep Singh Gill	SQNR Improvement in Fixed-Point FFT Architecture	2017 International Conference on Computing & Communication Technologies for Smart Nation (IC3TSN),IEEE Explore	G. D.Goenka University, Gurgaon	October 12-14, 2017	International
223	Yashmi and Balwinder Singh Dhaliwal	Design of a dual band crown fractal antenna	IEEE Applied Electromagnetics Conference (AEMC-2017)	MIT,Maharashtra, India.	December 19-22, 2017	International
224	Damandeep Kaur, Gurjot Kaur Walia	Edge Detection of Malaria Parasites using Ant Colony Optimization	International Conference on Signal Processing, Computing and Control (ISPPCC 2017)	Jaypee University of Information Technology, Solan,Himachal Pradesh, India	September 21-23, 2017	International
225	Neha, Gurjot Kaur Walia, Harminder Kaur	A Review on Security Measures for Preventing Different Attacks in MANETs	ISF Congress	DAV University, Jalandhar, India	September 6-7, 2017	National
226	Samjot Kaur Aujla, Navneet Kaur	Impact of Si/SiGe heterojunction on dual agte and dual gate dielectric material SOI FinFET	IEEE International Conference on Computation Methodologies and Communication (ICCMC 2017)	Surya Engenering College, Tamil Nadu, India	July 18-19, 2017	International

227	Navjot Singh Cholia, Munish Rattan, Naazia Makkar	Implementation of DPSK technique using GNU Radio Tool on SDR platform	International Conference on Electrical, Electronics and Communication Engineering (ICEECE-2018)	Telangana, India	April 27-28, 2018	International
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