

Sr. No.	Department	International	Authors	Title of paper	Journal name	Vol. no.	ISSN/	Publication date (MM/YY YY)	Page no.	SCI/
							ISBN/ACCN No.			NON-SCI/SCOPUS
1	ECE	National	Jasmeet Kaur, Navneet Kaur and Gurpurneet Kaur	R-2R Digital To Analog Converter Using CMOS 180nm Technology	Journal of Lab Experiments	Vol. 13, No. 1	ISSN: 09726055	March, 2013	1--5	NON-SCI
2	ECE	National	Narwant S. Grewal, Munish Rattan, Manjeet Singh Patterh	A Linear Antenna Array Failure Correction With Null Steering Using Firefly Algorithm	Defence Science Journal	Vol. 64, No. 2	ISSN:0011-748X	March, 2014	136-142	SCIENCE CITATION INDEX EXPANDED (SCISEARCH), SCOPUS
3	ECE	National	Nitika Sharma, Balwinder Singh Dhaliwal and Simranjit Kaur	Design of A Fractal Slot Antenna for Rectenna System and Comparison of Simulated Parameters for Different Dimensions	CPUH-Research Journal	Vol. 1, No. 2	ISSN :2455-6076	July, 2015	43-48	NON-SCI

4	ECE	National	Navneet Kaur, Sandeep Singh Gill and Munish Rattan	Performance Analysis of Dual Material Gate (DMG) Symmetric Dual-k Spacer (SDkS) Tri-Gate FinFET	The Institution of Engineers (India), Electronics and Telecommunication Engineering Division Board, Annual Technical Volume	Vol. , 2016	ISBN : 978-81-932567-1-8	October, 2016	98-102	NON-SCI
5	ECE	National	Gurpurneet Kaur Sandeep Singh Gill Munish Rattan	Design and Electrical Analysis of 3-fin SOI FinFET for Si, SiGe, GaAs and InGaAs Channel Materials	The Institution of Engineers (India), Electronics and Telecommunication Engineering Division Board, Annual Technical Volume	Vol. , 2016	ISBN : 978-81-932567-1-8	October, 2016	18-21	NON-SCI
6	ECE	International	Sandeep Singh Gill, Rajeevan Chandel, Ashwani Kumar Chandel	Netlist Bipartitioning Using Particle Swarm Optimization Technique	International Journal of Artificial Intelligence and Soft Computing (Inder Science)	Vol.3, No.1	ISSN : 1755-4	July , 2012	1--15	NON-SCI

7	ECE	International	Sandeep Singh Gill and Amanjot Kaur Gill	Corelation Between Employee and Customer Satisfaction: A Case Of A Heart Care Facility	World Journal of Social Sciences	Vol. 2, No.4	ISSN : 1838-3785	July, 2012	267-272	NON-SCI
8	ECE	International	Chandni, Kanwaljit Singh	Location Estimation Scheme With Improved Accuracy	International Journal for Science and Emerging Technologies With Latest Trends (IJSETT)	Vol. 3, No. 1	ISSN:2277-8136	2012	9--18	NON-SCI
9	ECE	International	Prabhjeet Singh, Narwant S. Grewal	NRZ Versus RZ In 136 X 10 Gbps DWDM Systems	International Journal of Scientific & Engineering Research	Vol. 3, Issue 7	ISSN: 2229-5518	July 2012	1--3	NON-SCI

10	ECE	International	Er. Amandeep Kaur, Dr. Sandeep Singh Gill, Baljeet Kaur	Enhancement of the Accuracy of Photonic Structure of Pphotonic Crystal Fibre by Using Artificial Neural Networks	International Journal of Computer Technology and Applications	Vol. 3, No.4	ISSN : 2229-6093	August, 2012	1516-1520	NON-SCI
11	ECE	International	Kulpreet S.Sikand, Sandeep Singh Gill, R.Chandel and A. Chandel	Implementation of Multi-way Partitioning Algorithm	International Journal of Computer and Communication Engineering	Vol. 2, No. 1	ISSN: 2010-3743	January, 2013	28-32	NON-SCI
12	ECE	International	Jaspal Singh, Sandeep Singh Gill	Implementation of High Speed and Low Power Clock and Data Recovery Circuit using DLL	International Journal of Advanced Engineering & Technological Research (IAETR)	Vol. , Issue 2	ISSN: 2278 – 7070 (online)	April, 2013	389 – 393	NON-SCI.

13	ECE	International	Tanmeet Kaur, Balwinder Singh Dhaliwal and Sandeep Singh Gill	Performance Evaluation Of MIMO Systems With Varying Number Of Transmitting Antennas	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering	Vol. 1, Issue 2	ISSN: 2321 – 2004	May, 2013	38 – 40	NON-SCI
14	ECE	International	Tanmeet Kaur, Balwinder Singh Dhaliwal, Sandeep Singh Gill	Simulation Of MIMO Antenna Systems In Simulink	International Journal on Emerging Technologies	Vol. 4, No. 1	ISSN: 0975-8364	June, 2013	166-168	NON-SCI
15	ECE	International	Kashish Sareen, Kanwaljit Singh	Routing and Communication Using Clustering For Wireless Sensor Networks	International Journal of Engineering Research and Applications (IJERA)	Vol. 2, Issue 4	ISSN : 2248 – 9622	August, 2012	561-565	NON-SCI

16	ECE	International	Yogesh Kumar, Kanwaljit Singh	Enhanced Energy Conserving Improved and Balanced LEACH For Heterogeneous Wireless Sensor Networks	International Journal of Computer Science & Engineering Technology (IJCSET)	Vol. 3, No. 9,	ISSN : 2229-3345	September, 2012	422-430	NON-SCI
17	ECE	International	Anil dudy, Kanwaljit Singh	Denoising Of Ultrasonographic Image Using DTCWT	International Journal of Computer Applications & Information Technology	Vol. 1, Issue 2	ISSN : 2278-7720	September, 2012	34-36	NON-SCI
18	ECE	International	Yogesh Kumar, Kanwaljit Singh	Enhancement Of Improved Balanced LEACH For Heterogeneous Wireless Sensor Networks	Advanced Computing : An International Journal (ACIJ)	Vol. 3, No. 5	ISSN:2229-726X	September, 2012	35-42	NON-SCI

19	ECE	International	Aditi Kalsh, Nirmal Singh Grewal	Sign Language Recognition System	International Journal of Computational Engineering Research (IJCER)	Vo. 3, Issue 6	ISSN: 2250-3005	June 2013	15-21	NON-SCI
20	ECE	International	Nirmal Singh Grewal	Sign Language Recognition Using Digital Image Processing	International Journal of Electronics and Data Communication (UDEC)	Vo. 1, Issue 4	ISSN:2320-2084	June 2013	15-18	NON-SCI
21	ECE	International	Narwant S. Grewal, Munish Rattan, Manjeet S. Patterh	A Linear Antenna Array Failure Correction Using Firefly Algorithm	Progress In Electromagnetics Research	Vol. 27	ISSN: 1937-8726	December, 2012	241-254	SCI

22	ECE	International	Simranjit K. Josan, J. S. Sohal, Balwinder Singh Dhaliwal	Parameter Optimization Of Elliptical Microstrip Patch Antenna Using Genetic Algorithms	International Journal of Research in Computer and Communication Technology (IJRCCT)	Vol. 1, Issue 3	ISSN: 2278-5841	August, 2012	92 – 96	NON-SCI
23	ECE	International	Mohit Mehta, Munish Rattan	An Improved ACO Based Algorithm For Image Edge Detection	International Journal of Computing and Corporate Research	Vol. 2, Issue 5	ISSN:2249-054X	September, 2012	1--18	NON-SCI
24	ECE	International	Ravi Kumar, Munish Rattan	Analysis Of Various Quality Mterics For Medical Image Processing	International Journal of Advanced Research in Computer Science and Software Engineering	Vol. 2, Issue 11	ISSN:2277-128X	November, 2012	137-144	NON-SCI

25	ECE	International	Kiranjot Kaur, Munish Rattan , Manjeet Singh Patterh	Biogeography Based Optimization Of Cognitive Radio System	International Journal of Electronics (Taylor & Francis)	Vol. 101, Issue 1	ISSN: 0020-7217	March, 2013	24-36	SCIENCE CITATION INDEX EXPANDED (THOMSON REUTERS), SCOPUS (ELSEVIER), SCIENCE CITATION INDEX (THOMSON REUTERS)
26	ECE	International	Rajandeep Singh, Maninder Lal Singh, Baljeet Kaur	A Novel Triple Pump 1050 nm, 1400 nm, 800 nm Pumping Scheme For Thulium Doped Fiber Amplifier	Optik - International Journal for Light and Electron Optics (Elsevier Science)	Vol. 123, Issue 20	ISSN Print: 2160- 8881	October, 2012	1815-1816	SCI, SCOPUS
27	ECE	International	Baljeet Kaur , Ajay K. Sharma, Vinod Kapoor	Performance Enhancement With Square Root Module For WDM RoF-EPON Link	Optik-International Journal for Light and Electron Optics (Elsevier Science)	Vol. 124, Issue 10	ISSN: 0030-4026	June, 2013	967-971	SCI, SCOPUS

28	ECE	International	Baljeet Kaur , Ajay K. Sharma, Vinod Kapoor	On WDM RoF-EPON Link Using OSSB Transmission With and Without Square Root Module	Optik - International Journal For Light and Electron Optics (Elsevier Science)	Vol. 124, Issue 12	ISSN: 0030-4026	June, 2013	1334-1337	SCI, SCOPUS
29	ECE	International	Baljeet Kaur , Ajay K. Sharma, Vinod Kapoor	Performance Analysis Of WDM RoF-EPON Link With and Without DCF and FBG	Optics and Photonics Journal (Scientific Research)	Vol. 3, No. 2	ISSN Print: 2160-8881	June, 2013	163-168	NON-SCI
30	ECE	International	Chahat Jain, Navneet Kaur, Gurpurneet Kaur	Artificial Magnetic Conductor For Miniaturized Antenna Applications-A Review	International Journal of Emerging Technology and Advanced Engineering (IJETAE)	Vol. 2, Issue 7	ISSN : 2250-2459	July, 2012	81-84	NON-SCI

31	ECE	International	Navneet Kaur, Gurpurneet Kaur and Chahat Jain	Investigation Of Fast Switched CMOS Inverter Using 180nm VLSI Technology	International Journal of Computer Applications	Vol. 51, No. 15	ISSN: 0975 – 8887	August, 2012	14-18	NON-SCI
32	ECE	International	Mohit Gupta, Navneet Kaur and Dr.Sandeep Singh Gill	Swarm Based Approach For The Optimization Of Power-Delay Product In A CMOS Repeater Driven RC Interconnect Line	International Journal of Engineering Research & Technology (IJERT)	Vol.2 , Issue 9	e-ISSN: 2278-0181	September, 2013	2423-2429	NON-SCI
33	ECE	International	Simrandeep Singh, Dr.Sandeep Singh Gill	Performance Evaluation Of Combinational Circuit Using Leakage Reduction Techniques in 45nm Technology	International Journal of Electronics & Communication Engineering Research (IJECER)	Vol.1 , Issue 4	ISSN: 2321-9718	September, 2013	34-38	NON-SCI

34	ECE	International	Dr.Sandeep Singh Gill , Bhavna Verma and Amanjot Kaur Gill	Effect of Menstrual Cycle On The Formant Frequencies Of Speech Signal	International Journal of Advanced Engineering & Computing Technologies	Vol.2, Issue 6	ISSN: 2249-4928	December, 2013	1--4	NON-SCI
35	ECE	International	Dr.Sandeep Singh Gill , Amanjot Kaur Gill	Startup Issues Of CMOS Power Supply	International Journal of Advanced Engineering & Computing Technologies, Special Edition	Vol. 1, Issue 6	ISSN: 2249-4928	December, 2013	1--4	NON-SCI
36	ECE	International	Ramandeep Singh, Kiranpreet Singh, Sandeep Singh Gill	Comparison between Virtex-6 Technologies on FPGA for UART Transmission	International Journal of Modern Communication Technologies & Research (IJMCTR)	Vol. 2, Issue-4	ISSN: 2321-0850	April, 2014	35-37	NON-SCI

37	ECE	International	Dr.Sandeep Singh Gill , Varun Gautam	Low Power VLSI Design CNTL Technique For Combinatiok,nal Circuit Design	International Journal of Electronics & Communication Technology (IJECT)	Vol. 5, Issue-2	ISSN: 2230-7109	June, 2014	35-37	NON-SCI
38	ECE	International	Mandeep Kaur, Kanwaljit Singh	Optimization Of Stability Period In WSN Using GA Based Stable Election Protocol	International Journal of Computer Applications	Vol. 91, No. 08	ISSN : 0975 – 8887	April, 2014	33-36	NON-SCI
39	ECE	International	Kritika Prasher and Ameeta Seehra	Performance Analysis Of V-BLAST MIMO System Under Various Modulation Techniques Using Rayleigh Channel	International Journal of Electrical and Electronics Engineering (IJEEE)	Vol. 1, Issue 2	ISSN : 1694-2426	May, 2014	269-273	NON-SCI

40	ECE	International	Kritika Prasher and Ameeta Seehra	Performance Evaluation Of V-BLAST MIMO Using Rayleigh Channel & Rician Channel	International Journal of Information and Computation Technology	Vol. 4, No. 15	ISSN: 0974-2239	June , 2014	1549-1558	NON-SCI
41	ECE	International	Aditi Kalsh, Nirmal Singh Grewal	Sign Language Recognition For Deaf And Dumb	International Journal of Advanced Research in Computer Science and Software Engineering	Vol. 3, Issue 9	ISSN: 2277- 128X	September, 2013	103-106	NON-SCI
42	ECE	International	Balwinder Singh Dhaliwal , Shyam S. Pattnaik	Artificial Neural Network Analysis of Sierpinski Gasket Fractal Antenna: A Low Cost Alternative To Experimentation	Advances in Artificial Neural Systems (Hindawi)	Vol. 2013	ISSN: 2249-9555	September, 2013	1--7	NON-SCI

43	ECE	International	Balwinder Singh Dhalwal , Shyam S. Pattnaik	Feed Point Optimization of Fractal Antenna Using GRNN-GA Hybrid Algorithm	Advances in Intellignet Systems and Computing (Springer)	Vol. 236	ISSN: 2194-5357	February, 2014	25 -30	NON-SCI
44	ECE	International	Balwinder Singh Dhalwal , Shyam S. Pattnaik, Jasmine Boparai	A Cross-Stitch Geometry Based Multiband Fractal Antenna	Microwave and Optical Technology Letters	Vol. 56, Issue 3	ISSN(online):1098-2760	March, 2014	667-671	SCIENCE CITATION INDEX EXPANDED (CLARIVATE ANALYTICS), SCOPUS (ELSEVIER)
45	ECE	International	Kiranjot Kaur, Munish Rattan and Manjeet S. Patterh	Optimization Of Cognitive Radio System using Stimulated Annealing	Wireless Personal Communications (Springer)	Vol. 71, Issue 2	ISSN:0929-6212	July, 2013	1283-1296	SCIENCE CITATION INDEX EXPANDED (SCISEARCH), SCOPUS

46	ECE	International	Shalu, Baljeet Kaur	Performance Enhancement of WDM-ROF Networks with SOA-MZI	International Journal of Engineering Research & Technology (IJERT)	Vol. 2, Issue 9	ISSN: 2278-0181	September, 2013	1526-1530	NON-SCI
47	ECE	International	Baljeet Kaur , Ajay K. Sharma, Vinod Kapoor	On WDM R of-EPON Link Using OSSB Transmission With and Without DCF and FBG	Optik - International Journal for Light and Electron Optics (Elsevier)	Vol. 125, Issue 9	ISSN: 0030-4026	May, 2014	2066-2069	SCI, SCOPUS
48	ECE	International	Baljeet Kaur , Ajay K. Sharma, Vinod Kapoor	Performance improvement on OVSF based WDM RoF EPON link using SOA with DCF and FBG	Optik - International Journal for Light and Electron Optics (Elsevier)	Vol. 125, Issue 9	ISSN: 0030-4026	May, 2014	2062-2065	SCI, SCOPUS

49	ECE	International	Deep Jyoti, Baljeet Kaur, Kuldeepak Singh	Light Polarized Coherent OFDM Free Space Optical System	International Journal of Information and Computation Technology	Vol. 4, No. 14	ISSN: 0974-2239	June , 2014	1367-1372	NON-SCI
50	ECE	International	Parneet Kaur, Gurjot Kaur Walia and Amandeep Singh Dhaliwal	GAIT Recognition For Improved Human Identification Using ENN and NN	International Journal of Advanced Research In Computer Science and Software Engineering	Vol. 3, Issue 11	ISSN: 2277 128X	November, 2013	1154-1161	NON-SCI
51	ECE	International	Navjot Kaur, Navandeep Singh Tung, and Gurjot Kaur Walia	A Review On Experience Management In Software Engineering	International Journal of Advanced Research In Computer Science	Vol. 5, No. 3	ISSN: 0976-5697	April, 2014	198-201	NON-SCI

52	ECE	International	Vijender Singh, Dr. Sandeep Singh Gill	Signal Strength Estimation of Wireless Communication System	International Journal of Advanced Research in Computer Engineering & Technology (IJARCET)	Vol. 3, Issue 8	ISSN: 2278-1323	August, 2014	2612-2617	NON-SCI
53	ECE	International	Cheena Jain and Sandeep Singh Gill	Carbon Nano Tube Field Effect Transistor Based 4-Bit Full Adder Cell	British Journal of Applied Science & Technology	Vol. 4 Issue 25	ISSN: 2231-0843	September, 2014	3678-3686	NON-SCI
54	ECE	International	Ravinder Singh, Sandeep Singh, Ramandeep Singh	Multiple Circuit Partitioning Implementation Using Primal Dual Approach	International Journal of Modern Communication Technology & Research (IJMCTR)	Vol. 2, Issue 10	ISSN:2321-0850	October, 2014	14-16	NON-SCI

55	ECE	International	Kiranpreet Singh, Sandeep Singh , Ramandeep Singh	Hybrid Technique Based VLSI Design Automation	International Journal of Modern Communication Technology & Research (IJMCTR)	Vol. 2, Issue 10	ISSN: 2321-0850	October, 2014	11--13	NON-SCI
56	ECE	International	Simranjeet Singh Puaar, Sandeep Singh Gill	Power Evaluation of Adiabatic Logic Circuits in 45nm Technology	International Journal of Electronics and Communication Engineering & Technology (IJE CET)	Vol. 5, Issue 12	ISSN: 0976 – 6464	December, 2014	230-237	NON-SCI
57	ECE	International	Deepak Kapila and Sandeep Singh Gill	A Hybrid Approach for Scheduling in WIMAX for Reduction of Process Waiting Time	International Journal of innovation and Applied Studies	Vol. 9, No. 4	ISSN: 2028 – 9324	December, 2014	1620-1625	NON-SCI

58	ECE	International	Surekha Rani, Balwinder Singh Dhaliwal, Sandeep Singh Gill	Differential Evolution Biogeography Based Optimization for Linear Phase Fir Low Pass Filter Design	Chemical and Process Engineering Research	Vol.31	ISSN: 2224-7467	March, 2015	81-88	NON-SCI
59	ECE	International	Amritansh Saini, Sandeep Singh Gill, Ramandeep Singh	Design and Comparative analysis of Thin Film Transistor	International Journal of Enhanced Research in Science Technology & Engineering	Vol. 4, Issue 4	ISSN: 2319- 7463	April, 2015	55-61	NON-SCI
60	ECE	International	Gurinder Singh, Ameeta Seehra, Sukhbir Singh	Investigation on order and width of RZ super Gaussian pulse in different WDM systems at 40 Gb/s using dispersion compensating fibers	Optik -International Journal for light and Electron Optics (Elsevier)	Vol. 125, Issue 16	ISSN: 347-5162	August, 2014	4270-4273	SCI, SCOPUS

61	ECE	International	Rashmi, Ameeta Seehra	Detection and Prevention of Black-Hole Attack in MANETS	International Journal of Computer Science Trends and Technology (IJCT)	Vol. 2, Issue 4	ISSN: 2347-8578	August, 2014	204-209	NON-SCI
62	ECE	International	Harpreet Kaur and Ameeta Seehra	Performance Evaluation of Energy efficient Clustering Protocol for Cluster Head Selection in Wireless Sensor Networks	International Journal of Peer to Peer Networks (IJP2P)	Vol. 5, No. 3	ISSN:2229-3930	August, 2014	1--13	NON-SCI
63	ECE	International	Rashmi, Ameeta Seehra	A Novel Approach for Preventing Black- Hole Attack in MANETS	International Journal of Ambient Systems and Applications (IJASA)	Vol. 2, No. 3	ISSN:2320-9259	September, 2014	1--9	NON-SCI

64	ECE	International	Harpreet Kaur and Ameeta Seehra	Performance Evaluation of Cluster Head Selection using ANFIS	International Journal of Current Engineering and Technology	Vol. 4, No. 6	ISSN: 347-5161	December, 2014	3871-3875	NON-SCI
65	ECE	International	Anita Yadav, Ameeta Seehra	Mobile Channel Estimation Using M-SMFTF Adaptive Algorithm	International Journal of Electrical, Electronics and Data Communication	Vol. 3, Issue 1	ISSN: 2320-2084	January, 2015	50-53	NON-SCI
66	ECE	International	Parampal Singh and Balwinder Singh Dhaliwal	An Efficient Hybrid SIMBO-GA Approach to Design FIR Low Pass Filter	Journal of Information Engineering and Applications	Vol.5, No.2	ISSN 2224-5782	2015	43 – 49	NON-SCI

67	ECE	International	Harjot Kaur Gill, Balwinder Singh Dhaliwal, Kuldeepak Singh	Performance Analysis of OFDM FSO System using ODSB, OSSB and OVSB Modulation Scheme by Employing Spatial Diversity	International Journal of Engineering Development and Research	Vol. 3, Issue 2	ISSN: 2321-9939	2015	1384 – 1389	NON-SCI
68	ECE	International	Mukta Sharma, Balwinder Singh Dhaliwal	Design of Rectangular Microstrip Patch Antenna using Self-adaptive Bacterial Foraging Optimization	International Journal of Current Engineering and Scientific Research (IJCESR)	Vol. 2, No. 6	ISSN:2393-8374	June, 2015	50-55	NON-SCI
69	ECE	International	Urvinder Singh, Munish Rattan	Design of Linear and Circular Antenna Arrays Using Cuckoo Optimization Algorithm	Progress In Electromagnetics Research C	Vol. 46	ISSN: 1937-8718	2014	1--11	NON-SCI

70	ECE	International	Urvinder Singh, Munish Rattan	Design of thinned concentric circular antenna arrays using firefly Algorithm	Microwaves, Antennas & Propagation, IET	Vol. 8, Issue 12	ISSN: 1751-8725	September, 2014	894-900	SCI, SCOPUS
71	ECE	International	Harminder Kaur	Energy Saving Routing Protocol With Power Consumption Optimization In MANET	International Journal Of Research In Computer Application And Management	Vol. 5, Issue 04	ISSN 2231-1009	April, 2015	1--5	NON-SCI
72	ECE	International	Harjit Singh, Chahat Jain	Design Synthesis of Fractal Antenna on Mushroom Type AMC in the Vicinity of 2.4 GHz	International Journal of Advances in Engineering Science and Technology (JAEEST)	Vol. 3, No. 3	ISSN:2319-1120	December, 2014	172-179	NON-SCI

73	ECE	International	Rajandeep Singh, Chahat Jain	A Spirally Slotted Microstrip Antenna with Improved Bandwidth for Lower C Band Applications	International Journal of Advances in Engineering Science and Technology (IAEST)	Vol. 3, No. 3	ISSN:2319-1120	December, 2014	180-186	NON-SCI
74	ECE	International	Sandeep Kaur, Simranjit Kaur	CPW Fed Circular Truncated Patch Antenna for Modern Wireless Communication System	International Journal of Science, Technology & Management	Vol. 3, Issue 12	ISSN: 2394-1437	December, 2014	109-113	NON-SCI
75	ECE	International	Jugminder Kaur, Sandeep S. Gill , and Balwinder Singh Dhaliwal	Secure Trust Based Key Management Routing Framework for Wireless Sensor Networks	Journal of Engineering (Hindawi)	Vol. 2016	ISSN: 2314-4904	February, 2016	1 – 9	NON-SCI

76	ECE	International	Sandeep Singh Gill, Jaidev Kausik, Navneet Kaur	Performance Analysis of 20 nm Pentagonal and Trapezoidal Nanowire Transistor with Si and Ge Channel	International Journal of Circuits and Electronics	Vol. 1	ISSN: 2367-8879	2016	174-184	NON-SCI
77	ECE	International	Parneet Kaur, Ameeta Seehra	Lifetime Improvement of DEEC and DDEEC Protocol using Sleep Awake Mechanism in Wireless Sensor Networks	International Journal of Engineering Development and Research (IJEDR)	Vol. 3, Issue 4	ISSN: 2321-9939	2016	1087-1090	NON-SCI
78	ECE	International	Ritu, Ameeta Seehra	Optimized Cooperative Spectrum Sensing in Cognitive Radio Networks Based on Dynamic Threshold Energy Detector	International Journal of Engineering Development and Research (IJEDR)	Vol. 4, Issue 1	ISSN: 2321-9939	2016	17-20	NON-SCI

79	ECE	International	Gurveer Kaur, Amandeep Kaur, Gurpreet Kaur Toor, Balwinder Singh Dhalwal and Shyam Sundar Pattnaik	Antennas for Biomedical Applications	Biomedical Engineering Letters (Springer)	Vol. 5, No. 3	ISSN: 2093-9868	October, 2015	203 – 212	NON-SCI
80	ECE	International	Harleen Kaur and Balwinder Singh Dhalwal	Experimental Simulative Analysis Feed Point of Rectangular U Slot Microstrip Patch Antenna	International Journal of Computer Applications	Vol. 129, No. 11	ISSN: 0975 – 8887	November, 2015	10 – 15	NON-SCI
81	ECE	International	Aysha Sharma and Balwinder Singh Dhalwal	Digital Filter Design using Soft Computing Approaches	Research Cell : An International Journal of Engineering Sciences	Vol. 17, No. 1	ISSN: 2229-6913	January, 2016	255 – 262	NON-SCI

82	ECE	International	Balwinder S. Dhaliwal and Shyam S. Pattnaik	Performance Comparison of Bio-Inspired Optimization Algorithms for Sierpinski Gasket Fractal Antenna Design	Neural Computing and Applications (Springer)	Vol.27	ISSN:0941-0643	April, 2016	585-592	SCIENCE CITATION INDEX EXPANDED (SCISEARCH), SCOPUS
83	ECE	International	Harleen Kaur and Balwinder Singh Dhaliwal	Numerical Analysis of Slot Position of Rectangular U Slot Microstrip Patch Antenna	International Journal of Wireless and Microwave Technologies	Vol. 6, No. 3.	ISSN: 2076-1449	May,2016	29-39	NON-SCI
84	ECE	International	Balwinder S. Dhaliwal and Shyam S. Pattnaik	BFO-ANN Ensemble Hybrid Algorithm to Design Compact Fractal Antenna for Rectenna System	Neural Computing and Applications (Springer)	Vol.28	ISSN: 0941-0643	May,2016	917-928	SCIENCE CITATION INDEX EXPANDED (SCISEARCH), SCOPUS

85	ECE	International	Gagandeep Kaur, Chahat Jain, Munish Rattan	Review of Antennas Deploying Fractal Slot Geometries	IOSR Journal of Electronics and Communication Engineering (IOSR- JECE)	Special Issue	ISSN: 2278-8735	April, 2016	42-48	NON-SCI
86	ECE	International	Urvinder Singh, Rohit Salgotra, Munish Rattan	A Novel Binary Spider Monkey Optimization Algorithm for Thinning of Concentric Circular Antenna Arrays	IETE Journal of Research (Taylor & Francis)	Vol. 62, Issue 6	ISSN: 0377-2063	February, 2016	736-744	SCIENCE CITATION INDEX EXPANDED (THOMSON REUTERS), SCOPUS (ELSEVIER)
87	ECE	International	Amandeep Kaur, Baljeet Kaur	Performance Investigation of CO-OFDM WDM-RoF Networks with different Modulation Techniques and Dispersion Compensation using FBG	International Journal of Innovative Research in Computer and Communication Engineering	Vol. 3, Issue 8	ISSN: 2320-9798	August, 2015	7230-7236	NON-SCI

88	ECE	International	Neha, Baljeet Kaur	MATLAB and K-Wave Based Outdoor Ray Propagation Predictor Tool SNELLIX for Surface Wave Modelling	Innovative Systems Design and Engineering	Vol. 6 No. 11	ISSN (online): 2222-2871	August, 2015	7--9	NON-SCI
89	ECE	International	Harminder Kaur	A Survey of Hybrid Cluster-Based Energy Efficient Routing Protocols in Wireless Sensor Networks	International Journal of Electrical and Electronics Engineers	Vol. 7, Issue 2	ISSN(P)-2321-2047	July-December, 2015	169-175	NON-SCI
90	ECE	International	Shruti Sharma, Ravneet Kaur, Vinay Kumar, Chahat Jain	Solar Energy Based Warehouse Control System	IOSR Journal of Electronics and Communication Engineering (IOSR-JECE)	Special Issue	ISSN: 2278-8735	April, 2016	38-42	NON-SCI

91	ECE	International	Sandeep Singh, Chahat Jain, Daljit Singh	A Novel Approach based on Reliable Messaging Protocol for Sensor Network Navigation without Locations	IOSR Journal of Electronics and Communication Engineering (IOSR-JECE)	Special Issue	ISSN: 2278-8735	April, 2016	49-54	NON-SCI
92	ECE	International	Amandeep Kaur, Jasmeet Kaur, Nishu Kansal	Performance Analysis of MANET Using Efficient Power Aware Routing Protocol (EPAR)	IOSR Journal of Electronics and Communication Engineering (IOSR-JECE)	Special Issue	ISSN : 2278-2834 P-ISSN: 2278-8735	2016	105-109	NON-SCI
93	ECE	International	Harsimranjit Singh Gill, Kamaljit Singh Bhatia and Sandeep Singh Gill	Analysis of secured Optical Orthogonal Frequency Division Multiplexed System	International Journal of Optical Communications	Vol. 38	ISSN (Print) 0173-4911	August, 2016	189-193	NON-SCI

94	ECE	International	Satyam Shukla, Sandeep Singh Gill, Navneet Kaur	Comparative Simulation Analysis of Process Parameters variations in 20nm Triangular FinFET	Active and Passive Electronic Components	Vol, 2017	ISSN: 0882-7516	2017	1--8	NON-SCI
95	ECE	International	Jasmeet Kaur, Sandeep Singh Gill, Navneet Kaur	Optimization of CMOS Repeater Driven Interconnect RC line using Genetic Algorithm	Journal of Shanghai Jiaotong University (Science) - Springer	Vol. 22, Issue 2	ISSN: 2367-8879	March, 2017	167-172	SCOPUS
96	ECE	International	Jaspreet Kaur, Balwinder Singh Dhaliwal and Sandeep Singh Gill	Offline Handwritten Gurmukhi Character Recognition using Particle Swarm Optimized Neural Network	International Journal of Computer Applications Proceedings on International Conference on Advancements in Engineering & Technology (ICAET-2016)	Vol. 12,	ISSN 0975-8887	September, 2016,	35 – 41	NON-SCI

97	ECE	International	Suman, Balwinder Singh Dhaliwal , Shyam S. Pattnaik, and Harish K. Sardana,	Perturbed Rectangular Sierpinski Carpet Geometry Based Miniaturized Fractal Patch Antenna	International Journal of Electronics Engineering Research	Vol. 9, No. 3	ISSN 0975-6450	2017	353 – 362	NON-SCI
98	ECE	International	Narwant Singh Grewal, Munish Rattan , Manjeet Singh Patterh	A Linear Mutually Coupled Parallel Dipole Antenna Array Failure Correction Using Bat Algorithm.	Progress In Electromagnetics Research M	Vol. 54	ISSN: 1937-8726	February, 2017	9–18	ELSEVIER'S SCOPUS
99	ECE	International	Avneet Kaur, Baljeet Kaur, Kuldeepak Singh	Design and Performance analysis of bidirectional TWDM-PON employing QAM-OFDM for downstream and remodulation for upstream	Optik - International	Vol. 134	ISSN: 0030-4026	April, 2017	287-294	SCIENCE CITATION INDEX, SCOPUS

100	ECE	International	Jaspreet Kaur, Baljeet Kaur, Kuldeepak Singh	Design and Performance Investigation of Intersatellite Optical Wireless Communication System Employing Modulation Techniques	Springer- Wireless P	Vol.94, Issue	ISSN: 0929-6212	June 2017,	793-807	SCI, SCOPUS
101	ECE	International	Rubeka, Gurinder Singh, Baljeet Kaur	Design of CO-OFDM WDM-RoF Network with different Modulation Techniques and Dispersion Compensation using FBG	International Journal of Engineering Applied Science and Technology	Vol.2, Issue 1	ISSN: 2455-2143	November-December 2016	49-53	NON-SCI
102	ECE	International	Vibhuti, Gurinder Singh, Baljeet Kaur	Comparison Analysis of Ultra, Visible, and Infra high Capacity Intersatellite Optical Wireless Communication System using Distinct Modulation Formats	International Journal of Engineering Applied Science and Technology	Vol.2, Issue 1	ISSN: 2455-2143	November-December 2016	62-66	NON-SCI

103	ECE	International	Chatarpratap Singh Sohi, Karamjeet Singh, Davinder K. Thakur, Gurpurneet Kaur	Design and Performance Analysis of different shapes of Trigate FinFET at 20nm	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering	Vol. 4, Issue 10	ISSN (Print) 2321 – 5527	October, 2016	72-77	NON-SCI
104	ECE	International	Aakshi Sharma, Sapanjot Kaur , Rajan Miglani, Jagjit Singh Malhotra	Implementation of all optical full-addition module based on SOA non linearity	Journal of Optics	Vol. 46, No. 1	ISSN: 0972-8821	March, 2017	43 – 50	SCOPUS
105	ECE	International	Navneet Kaur , Munish Rattan , Sandeep Singh Gill	Influence of Fin Dimensions on Performance of Nanoscale Rectzoidal Bulk FinFET	Journal of Nanoelectronics and Optoelectronics, American Scientific Publishers	Accepted	ISSN: 1555-130X	2018	In Press	SCIENCE CITATION INDEX EXPANDED (SCIE/SCISEARCH)

106	ECE	International	Sandeep Singh Gill et al.	Performance Analysis of Impact of Source/Drain Doping Gradient as well as Roll-off Widths on GIDL of Double Gate MOSFET	Journal of Nanoelectronics and Optoelectronics, American Scientific Publishers	Accepted	ISSN: 1555-130X	2018	In Press	SCIENCE CITATION INDEX EXPANDED (SCIE/SCISEARCH)
107	ECE	International	Jashanjot Kaur, Sandeep Singh Gill, Gurneet Kaur	Electrical Characteristics of Double Gate and Trigate Silicon-On-Insulator Fin FET based Inverter at 20nm Technology	International Journal of Research in Engineering, IT and Social Sciences (IJREISS)	Vol.8, Special Issue	ISSN-2250-0588	June 2018,	72-80	NON-SCI
108	ECE	International	Harsimranjit Singh Gill, Sandeep Singh Gill Kamaljit Singh Bhatia	A novel approach for physical layer security in future-generation passive optical networks	Photonic Network Communications. Springer	Vol. 35, Issue 2	ISSN: 1387-974X.	April, 2018	141-150	SCI, SCOPUS

109	ECE	International	Navneet Kaur, Munish Rattan, Sandeep Singh Gill	Performance optimization of Broadwell-Y shaped transistor using Artificial Neural Network and Moth-Flame Optimization Technique	Majlesi Journal of Electrical Engineering	Vol.12, No 1	ISSN: 2345-377X	March, 2018	61-69	SCOPUS
110	ECE	International	Sanjeev Kumar, Sandeep Singh Gill, Kuldeepak Singh	Performance Investigation of Inter-satellite Optical Wireless Communication (IsOWC) System Employing Multiplexing Techniques	Wireless Personal Communications, Springer	Vol.98, Issue 1	ISSN: 0929-6212	January, 2018	1461–1472	SCIENCE CITATION INDEX EXPANDED (SCISEARCH), SCOPUS
111	ECE	International	Harsimranjit Singh Gill, Sandeep Singh Gill Kamaljit Singh Bhatia	A novel chaos-based encryption approach for future-generation passive optical networks using SHA-2	IEEE/OSA Journal of Optical Communications and Networking	Vol.9, Issue 12	ISSN: 1943-0620	December, 2017	1184-1190	SCI, SCOPUS

112	ECE	International	Pushkar Mishra, Shyam Sunder Pattnaik and Balwinder Singh Dhaliwal	Modified Concentric Rings Based Square Shaped Fractal Antenna for Wi-Fi & WiMAX Application	International Journal of Electronics Engineering Research	Vol. 9, No. 7	ISSN 0975-6450	2017	1005 – 1012	NON-SCI
113	ECE	International	Balwinder Singh Dhaliwal , Shyam Sundar Pattnaik	Development of PSO-ANN Ensemble Hybrid Algorithm and Its Application in Compact Crown Circular Fractal Patch Antenna Design	Wireless Personal Communications	Vol. 96, No. 1	ISSN: 0929-6212	September, 2017	135-152	SCI, SCOPUS
114	ECE	International	Pushkar Mishra, Shyam S. Pattnaik, Balwinder Singh Dhaliwal	Square-Shaped Fractal Antenna under Metamaterial Loaded Condition for Bandwidth Enhancement	Progress In Electromagnetics Research C	Vol. 78, 2017	ISSN:1937-8718	2017	183–192	SCOPUS

115	ECE	International	Narwant Singh Grewal, Munish Rattan, Manjeet Singh Patterh	A Linear Antenna Array Failure Correction Using Improved Bat Algorithm	International Journal of RF and Microwave Computer-aided Engineering (Wiley) (Impact Factor 0.524)	Vol. 27, Issue 7	ISSN:1099-047X	September, 2017	1--16	SCI, SCOPUS
116	ECE	International	Narwant Singh Grewal, Munish Rattan, Manjeet Singh Patterh	A Non-Uniform Circular Antenna Array Failure Correction Using Firefly Algorithm	Wireless Personal Communications (springer) (Impact Factor 0.701 (2015))	Vol. 97, Issue 1	ISSN: 0929-6212	November, 2017	845-858	SCI, SCOPUS
117	ECE	International	Kiranjot Kaur, Munish Rattan & Manjeet Singh Patterh	Cuckoo Search Based Optimization of Multiuser Cognitive Radio System Under the Effect of Shadowing	Wireless Personal Communications: An International Journal	Vol. 99, No. 3	ISSN 0929-6212	April, 2018	1217-1230	SCI, SCOPUS

118	ECE	International	Navjot Singh Cholia, Munish Rattan, Naazia Makkar	Implementation of DPSK Technique using GNU-Radio Tool on SDR Platform	International Journal of Electronics, Electrical and Computational System (IJEECS)	Vol. 7, Issue 4	ISSN:2348-117X	April, 2018	711-716	NON-SCI
119	ECE	International	Shweta Vij, Naazia Makkar	Performance Analysis of 5G Network Based on BDMA and Massive-MIMO	International Journal for Research in Applied Science & Engineering Technology	Vol. 6, Issue 8	ISSN : 2321-9653	August, 2018	252-260	NON-SCI
120	ECE	International	Ravinder Kaur, Palwinder Kaur, Gagandeep Singh, Gurpreet Singh	Programmatir Buying vs. Traditional Paid Marketing Approaches	International Journal for Scientific Research & Development (IJSRD)	Vol. 5, Issue 5	ISSN (online): 2321-0613	August, 2017	1207-1210	NON-SCI

121	ECE	International	Ravinder Kaur, Palwinder Kaur , Gagandeep Singh, Gurpreet Singh	Impact of Marketing Automation Customer Engagement 7 Retention	International Journal for Scientific Research & Development (IJSRD)	Vol.5, Issue 5	ISSN (online): 2321-0613	August, 2017	1083-1086	NON-SCI
122	ECE	International	Ravneet Kaur, Harminder Kaur	Comparative analysis of chirped, AMI and DPSK modulation techniques in IS-OWC system	Optik - International Journal for Light and Electron Optics (Elsevier)	Vol.154	ISSN: 00304026	February, 2018	755-762	SCI, SCOPUS
123	ECE	International	Taranjit Kaur , Barjinder Singh Saini, Savita Gupta	An optimal spectroscopic feature fusion strategy for MR brain tumor classification using Fisher Criteria and Parameter-Free BAT optimization algorithm	Biocybernetics and Biomedical Engineering (Elsevier)	Vol.38, Issue 2	ISSN: 0208-5216	2018	409-424	SCOPUS

124	ECE	International	Taranjit Kaur, Barjinder Singh Saini, Savita Gupta	A novel fully automatic multilevel thresholding technique based on optimized intuitionistic fuzzy sets and tsallis entropy for MR brain tumor image segmentation.	Australasian Physical & Engineering Sciences in Medicine	Vol. 41, Issue 1	ISSN: 0158-9	March, 2018	41-58	SCIENCE CITATION INDEX EXPANDED (SCISEARCH), SCOPUS
125	ECE	International	Taranjit Kaur, Barjinder Singh Saini, Savita Gupta	A comparative study on Kapur's and Tsallis entropy for multilevel thresholding of MR images via particle swarm optimisation technique	International Journal of Computational Systems Engineering	Vol.4, Issue 2-3	ISSN: 2046-3391	November, 2018	156-164	NON-SCI