

List of Conference Publications by ECE Faculty

Session (July, 2014-June, 2015)

S.No.	Name of Author(s)	Title of Paper	Name of Conference	Place of Conference	Date of Conference	National / International
1.	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
2.	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
3.	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
4.	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
5.	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
6.	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
7.	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

8.	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
9.	Parampal Singh, Balwinder Singh Dhaliwal	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
10.	Mukta Sharma, and Balwinder Singh Dhaliwal	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
11.	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

Session (July, 2015- June, 2016)

S.No.	Name of Author(s)	Title of Paper	Name of Conference	Place of Conference	Date of Conference	National / International
1.	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
2.	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
3.	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
4.	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
5.	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
6.	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
7.	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

8.	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	May 24- 27, 2016	International
9.	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
10.	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
11.	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
12.	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
13.	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
14.	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

15.	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
16.	Aysha Sharma and Balwinder Singh Dhaliwal	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
17.	Balwinder Singh Dhaliwal 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	Jaipur, India	November 27 – 28, 2015	National
18.	Balwinder Singh Dhaliwal 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
19.	Navreet Saini, Balwinder Singh Dhaliwal 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
20.	Balwinder Singh Dhaliwal 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
21.	Aysha Sharma and Balwinder Singh Dhaliwal	Digital Filter Design using Soft Computing Approaches	International Conference on Innovative Trends in Electronics Engineering	Patiala, India	January 29, 2016	International

22.	Nitika Sharma, Balwinder Singh Dhalial	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
23.	Nitika Sharma, Balwinder Singh Dhalial, 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
24.	Hardev Singh, K. S. Bedi and Balwinder Singh Dhalial	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
25.	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
26.	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	April 9, 2016	National
27.	Gagandeep Kaur, Chahat Jain, Munish Rattan	A novel multiband Psi slotted fractal antenna for S-band applications	IEEE International Conference on Computing , Communiacion and Automation	Galgotia's University, Noida	April 29-30, 2016	International
28.	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	-----	2016	International
29.	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

30.	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
31.	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
32.	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
33.	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
34.	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
35.	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
36.	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	April 9, 2016	National
37.	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	April 9, 2016	National

38.	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
39.	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
40.	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 ISPCC)	Jaypee University of Information Technology Wagnaghat, Solan-173234, India	September 24-26, 2015	International

Session (July, 2016- June, 2017)

S.No.	Name of Author(s)	Title of Paper	Name of Conference	Place of Conference	Date of Conference	National / International
1.	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
2.	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
3.	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	November, 2016	International
4.	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
5.	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
6.	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
7.	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

8.	Sudarshana Jilowa, Sandeep Singh Gill, Gurjot Kaur Walia	Performance Analysis of Symmetric and Asymmetric 4HSiC 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
9.	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
10.	Sanandeep Singh, Sandeep Singh Gill, Navneet Kaur	Design and Performance Comparison of Symmetric and Asymmetric Underlap DualK 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
11.	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
12.	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
13.	Pawanjot Kaur, Ameeta Seehra	Traffic Splitting in Hybrid Virtual-MIMO System in Wireless Sensor Networks	IEEE 4th 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
14.	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

15.	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
16.	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
17.	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
18.	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
19.	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
20.	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
21.	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

22.	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
23.	Mandeep Singh, Balwinder Singh Dhaliwal	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
24.	Suman, H K Sardana and Balwinder Singh Dhaliwal	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
25.	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
26.	Gaurav Gupta, Munish Rattan, Jasmeet Kaur	A Review on Efficient data transmission in Vehicular ADHOC 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
27.	Deepak Papneja, Munish Rattan and Jasmeet Kaur	Multi-Coset Sampling based Wideband Spectrum Sensing in Cognitive Radio using Greedy Algorithm	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
28.	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

29.	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
30.	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		September 23-27, 2016	International
31.	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
32.	Divnoor Kaur and Baljeet Kaur	Implementation of a seamless bidirectional communication link for longhaul networks on optical fiberfree 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
33.	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
34.	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
35.	Gaganpreet Kaur, Ashish Thakur, Harminder Kaur	Implementation of File Transfer With GnuRadio 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

36.	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
37.	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
38.	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
39.	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
40.	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
41.	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
42.	Gurpurneet Kaur, Ripjeet Singh, Gurjot Kaur Walia	Performance Analysis of Triangular Gateall 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

43.	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
44.	Saroop Singh, Chahat Jain , Nancy Gupta, Gurjot Walia	Prediction Of Resonant Frequency Of Spiralled Swastika Slotted Antenna Using ANNBFO 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
45.	Ripjeet Singh, Gurpurneet Kaur , Jasmeet Kaur	Design and Performance Analysis of Junctionless Nanowire Transistors based Inverters Using Si and SiGe as Channel Material	IEEE 4th 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
46.	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
47.	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
48.	Sandeep Singh and Chahat Jain	Design and analysis of the fractal antenna over mushroom type AMC in the vicinity of 25 GHz	International Conference on Soft Computing Applications in Wireless Communication (SCAWC-2017)	Guru Nanak Dev Engineering College, Ludhiana, India	March 9-11, 2017	International
49.	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

50.	R. K. Singh and Chahat Jain	EM Analysis of VaneLoaded 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
51.	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
52.	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
53.	Avinashi Chabbra, Saroop Singh, Chahat Jain	Analysis of square fractal antenna on a square sloted 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
54.	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
55.	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

56.	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
57.	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
58.	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
59.	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
60.	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

61.	Mansi Girdhar, Kuldeep 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
62.	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 Uttarakhand , India	October 14-16, 2016	International
63.	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
64.	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
65.	ShwetaVij , Naazia Makkar, SapanjotKaur	Performance Analysis Of Ofdma, Mimo And ScFdma 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
66.	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

67.	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
68.	Sumandeep Kaur, Daljit Singh	Early Detection and Classification Of Diabetic Retinopathy using KMeans 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
69.	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

Session (July, 2017- June, 2018)

S.No.	Name of Author(s)	Title of Paper	Name of Conference	Place of Conference	Date of Conference	National / International
1.	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
2.	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
3.	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
4.	Kirandeep Kaur, Chahat Jain, Narwant Singh	Psi slotted fractal antenna for LTE utilities	Springer International conference on Computer Networks and Inventive Communication Technologies (ICCNCT - 2018)	Coimbatore (Through Skype)	April 26-27,2018	International
5.	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
6.	Kiranjot Kaur, Munish Rattan, Manjeet Singh Patte rh	Cognitive Radio Design Optimization Over Fading Channels Using PSO, GSA and Hybrid PSOGSA	International Conference on Intelligent Computing and Control Systems (ICICCS)	The Vaigai College Engineering (VCE), Madurai, India	June 14-15, 2018	International

7.	Gagandeep Kaur, Chahat Jain, Munish rattan	Multiband Antenna Deploying Swastika Slotted Fractal for WLAN Utilities	2017 14th IEEE India Council International Conference, INDICON 2017	IIT Roorkee, Uttarakhand, India	December 15- 17, 2017	International
8.	Shruti Sharma, Nishu Kansal, Munish Rattan	Implementation and Analysis of SVR Based Machine Learning Approach for Real- Time Modelling of Tissue Deformation	International Conference on Intelligent Computing and Control Systems, ICICCS 2018	The Vaigai College Engineering (VCE), Madurai, India	June 14-15, 2018	International
9.	Damandeep Kaur, Gurjot Kaur Walia	Edge Detection of Malaria Parasites using Ant Colony Optimization	International Conference on Signal Processing, Computing and Control (ISPCC 2017)	Jaypee University of Information Technology, Solan, Himachal Pradesh, India	September 21- 23, 2017	International
10.	Neha, Gurjot Kaur Walia, Harminder Kaur	A Cipher Based Acknowledgement Approach for Securing MANETs by Mitigating Black and Gray Hole Attacks	International Conference on Computing, Analytics and Networks (ICAN-2017)	Chitkara Unioersity, Rajpura, India	October 27-28, 2017	International
11.	Gurjang singh, Shubham goyal, Baljinder Singh, Gurjot Kaur Walia, Haminder Kaur	A Review on Wireless Technology: Fi-Wi	3rd National Conference on latest initiatives and innovation in Communication & Electronics 2017	Deptt of ECE, Chandigarh University, Gharuan, Mohali, India.	October 13, 2017	National
12.	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
13.	Srishti, Jasmeet Kaur	Performance Optimization of FinFET Configurations at 14 nm Technology Using ANN- PSO	22nd International Symposium, VDAT 2018	Madurai, India	June 28-30, 2018	International

Session (July, 2018- June, 2019)

S.No.	Name of Author(s)	Title of Paper	Name of Conference	Place of Conference	Date of Conference	National / International
1.	Simran Bhogal; Sandeep Singh Gill; Kuldeep Singh Saini	Performance Investigation Of CPFSK integrated with OFDM in Inter-satellite OWC System	2018 IEEE 8th International Advance Computing Conference (IACC)	Greater Noida, India	December 14-15, 2018	International
2.	Manpreet Kaur, Narwant Singh Grewal, Preeti Pannu	Implementation of E-Shaped Compact Patch Antenna for wearable applications	International Conference on Advancements in Engineering & Technology (ICAET-2019)	Bhai Gurdas Institute of Engineering and Technology, Sangarur, India	March 15-16, 2019	International
3.	Gurpreet Kaur, Simranjit Kaur, Balwinder S. Dhaliwal	Low Cost Hybrid Tapered Fractal Antenna for Multiband Applications	International Conference on Advancements in Engineering & Technology (ICAET-2019)	Bhai Gurdas Institute of Engineering and Technology, Sangarur, India	March 15-16, 2019	International
4.	Vikas Jain and Balwinder Singh	Design of Wearable Antenna for Body Area Networks	International Conference on Soft Computing: Theories and Applications	Dr. B.R. Ambedkar NIT, Jalandhar, India	December 21-23, 2018	International
5.	Harjot Kaur, Baljit Kaur, Harminder Kaur	Performance Evaluation of Bidirectional Hybrid PON using Common Carrier	International Conference on Recent Research in Computer Science and information Technology (CSIT-2018)	Jawaharlal Nehru University, New Delhi, India	July 15, 2018	International
6.	Shakshi Goyal, Simranjit Kaur, Baljit Kaur	Performance of Trench assisted uncoupled multicore fiber with universal fiber for passive optical network	International Conference on recent development in Science, Humanities and Management, 2018 (ICRDSHM-18)	Mahratta Chamber of Commerce, Industries and Agriculture Tilak Road, Pune (India)	July 8, 2018	International

Session (July, 2019- June, 2020)

S.No.	Name of Author(s)	Title of Paper	Name of Conference	Place of Conference	Date of Conference	National / International
1.	Gurpurneet Kaur, Sandeep Singh Gill, Munish Rattan	Impact of high-k gate Dielectric and Workfunctions variation on Electrical Characteristics of VeSFET	5th International Conference on Advanced Machine Learning Technologies and Applications (AMLTA-2020)	Manipal University, Jaipur	February 13-15, 2020	International
2.	Sameeksha Munjal, Gurpurneet Kaur, Sandeep Singh Gill	Faults in CMOS IC's and Their Mitigation Techniques: Review	2019 International Conference on Communication and Electronics Systems (ICCES 2019)	Coimbatore, India	July 17-19, 2019	International
3.	Shubhneet Kaur, Ameeta Seehra	Comparison of BER and Q-factor in an Is-OWC system using WDM with different modulation techniques	2019 International Conference on Communication and Electronics Systems (ICCES 2019)	Coimbatore, India	July 17-19, 2019	International
4.	Chetanjot Kaur, Narwant Singh Grewal	Antenna Systems for Base Station Applications	International Conference on Innovations in Communication, Computing and Sciences	Chandigarh Engineering College, Mohali, India	July 26-27, 2019	International
5.	Shivmanmeet Singh, Narwant Singh Grewal	A Review on Visible Light Communication	International Conference on Advancements in Engineering and Technology, (ICAET-2020)	Bhai Gurdas Institute of Engineering and Technology, Sangrur, Punjab	March 20-21, 2020	International
6.	Harleen Kaur, Narwant Singh Grewal	Visible Light Communication Indoor Systems - An Overview	International Conference on Advancements in Engineering and Technology, (ICAET-2020)	Bhai Gurdas Institute of Engineering and Technology, Sangrur, Punjab	March 20-21, 2020	International

7.	Chahat Jain, Balwinder S. Dhaliwal, Gagandeep Kaur	Design and Analysis on Omega Structure Metamaterial in lower C-Band for Shared Aperture Applications	National Conference on Biomedical Engineering	NITTTR, Chandigarh, India	January 22-24, 2020	National
8.	Amritpal Kaur, Balwinder Singh Dhaliwal, S. Pattnaik	Design of hybrid fractal boundary antenna for rf energy harvesting applications	International Conference on Innovations in Communication, Computing and Sciences	Chandigarh Engineering College, Mohali, India	July 26-27, 2019	International
9.	Jasdeep Singh, Tarandeep Singh, Munish Rattan,	Fully connected convolutional network with Laplacian filter for salt segmentation in seismic images	2019 International Conference on Communication and Electronics Systems (ICCES 2019)	Coimbatore, India	July 17-19, 2019	International
10.	Bhumika Narang, Baljeet Kaur, Harminder Kaur	Performance Analysis Of Full Duplex MIMO Fiber-Optical Wireless Communication (OWC) System	2019 International Conference on Communication and Electronics Systems (ICCES 2019)	Coimbatore, India	July 17-19, 2019	International
11.	Gunjan Bhardwaj , Gurjot Kaur Walia, Chahat Jain	Preserving the Healthy Futurity: A New Mentoring Framework for Inculcating the Trend of Sports in Engineering Graduates	International Conference on Enhancing Skills in Physical Education and Sport Science 2020	Osmania University, Hyderabad	March 20-22, 2020	International
12.	Preeti Pannu, Devendra Kumar Sharma	A Compact Four Port UWB-MIMO Antenna With Notch Band Characteristics And High Isolation	2019 International Conference on Communication and Electronics Systems (ICCES 2019)	Coimbatore, India	July 17-19, 2019	International

Session (July, 2020- June, 2021)

S.No.	Name of Author(s)	Title of Paper	Name of Conference	Place of Conference	Date of Conference	National / International
1.	Sarvesh Singh, Sandeep Singh Gill, Navneet Kaur	Temperature Dependence of Multi-fin FinFET for Bulk and SOI Substrate at 20 nm Channel Length	TEQIP-III sponsored International Congress on Sustainable Development through Engineering Innovations	Guru Nanak Dev Engineering College, Ludhiana in association with Indian Geotechnical Society: Ludhiana Chapter and Institution of Engineers (I): Ludhiana Center	September 17-19, 2020	International
2.	Gurpurneet Kaur, Sandeep Singh Gill, Munish Rattan	Design and Performance Analysis of FinFET Based SRAM Cell Stability	TEQIP-III sponsored International Congress on Sustainable Development through Engineering Innovations	Guru Nanak Dev Engineering College, Ludhiana in association with Indian Geotechnical Society: Ludhiana Chapter and Institution of Engineers (I): Ludhiana Center	September 17-19, 2020	International
3.	Shivmanmeet Singh, Narwant Singh	A Review on inter satellite optical wireless communication system	9th International Conference on advancement in engineering and technology	Bhai Gurdas Institute of Engineering and Technology, Sangrur (Punjab), India	25-26 june 2021	International
4.	Chahat Jain, Balwinder S. Dhaliwal	The Future of Antenna Fabrication: 3D Printing Technology	TEQIP-III sponsored International Congress on Sustainable Development through Engineering Innovations	Guru Nanak Dev Engineering College, Ludhiana in association with Indian Geotechnical Society: Ludhiana Chapter and Institution of Engineers (I): Ludhiana Center	September 17-19, 2020	International
5.	Gurjot Kaur Walia, Jagroop Singh Sidhu	Comparative Analysis of Different Noises and Bayer Pattern on Image Demosaicing	Recent Innovations in Science and Technology(RIST 2021)	EKC Technical Campus, Kerala	June 20, 2021	International
6.	Preeti Pannu, Devendra Kumar Sharma	UWB-MIMO Antenna with Stop Band behavior and High isolation	6th IEEE international Women in Engineering (WIE) Conference on Electrical and Computer Engineering 2020 (IEEE WIECON-ECE 2020)	Bhubaneswar, India	December 26-27, 2020	International

Session (July, 2021- June, 2022)

S.No.	Name of Author(s)	Title of Paper	Name of Conference	Place of Conference	Date of Conference	National / International
1.	Gurpurneet Kaur, Sandeep Singh Gill, Munish Rattan	Impact of Fin Aspect ratio (Tk /Lg) on FinFET Characteristics using Compound gate Dielectrics	International Conference on Emerging Technologies: AI, IoT, and CPS for Science & Technology Applications, (ICET 2021) NITTTR Chandigarh, India	NITTTR Chandigarh, India	September 6-7, 2021	International
2.	Gurjot Kaur Walia, Munish Rattan, Navneet Kaur, Gurpurneet Kaur, Rajvir Kaur, Sandeep Singh Gill	Marine Predators Algorithm for Performance Optimization of Nanoscale FinFET	International Conference on Advancements in Nanoelectronics And Communication Technologies(ICANCT-22)	Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT), Jaipur (India) & Institution of Engineers (India)	February 24, 2022	International
3.	Narwant Singh Grewal	A Linear 32x1 elements antenna array failure correction using brain storm optimization algorithm	International Conference on Emerging Technologies: AI, IoT, and CPS for Science & Technology Applications, (ICET 2021) NITTTR Chandigarh, India	NITTTR Chandigarh, India	September 6-7, 2021	International
4.	Chetanjot Kaur, Narwant Singh Grewal	Design of ANN-DE Based Reconfigurable Slot Antenna for WLAN/INSAT Applications	International Conference on Emerging Technologies: AI, IoT, and CPS for Science & Technology Applications, (ICET 2021) NITTTR Chandigarh, India	NITTTR Chandigarh, India	September 6-7, 2021	International
5.	Jaspreet Kaur, Navneet Kaur, Narwant Singh Grewal	A Review Paper on Digital Watermarking Techniques	International Conference on Emerging Technologies: AI, IoT, and CPS for Science & Technology Applications, (ICET 2021) NITTTR Chandigarh, India	NITTTR Chandigarh, India	September 6-7, 2021	International

6.	Navneet Kaur, Jaspreet Kaur, Narwant Singh Grewal	A Review On Antenna Array Failure Correction Using Optimization Techniques	International Conference on Emerging Technologies: AI, IoT, and CPS for Science & Technology Applications, (ICET 2021) NITTTR Chandigarh, India	NITTTR Chandigarh, India	September 6-7, 2021	International
7.	Narwant Singh Grewal	Design Of Square Shape Metasurface Antenna for 2.4 Ghz	9th International Conference on Advancements in Engineering and Technology, (ICAET-2021)	BGIET, Sangrur	September 5-6, 2021	International
8.	Gurjot Kaur Walia, Munish Rattan, Gurwinder Singh	Internet of Things: Assurance Provocation	International Conference on Emerging Technologies:AI, IOT, and CPS for Science and Technology Applications(ICET 2021)	NITTTR, Chandigarh	September 6-7, 2021	International
9.	Chahat Jain, Balwinder Singh, Rupinder Singh	Experimental Investigation of a flexible 3D Ring resonator for Bluetooth Applications	International Conference on Emerging Technologies: AI, IoT, and CPS for Science & Technology Applications, (ICET 2021) NITTTR Chandigarh, India	NITTTR Chandigarh, India	September 6-7, 2021	International
10.	Baljeet Kaur	Machine Learning-based Security Solutions for Healthcare: An Overview	International Conference on Emerging Technologies for Computing, Communication and Smart Cities (ETCCS-2021)	Baba Farid College of Engineering and Technology, Bathinda	August 21-22, 2021	International
11.	Baljeet Kaur	Security in Industrial control systems using Machine learning algorithm: An overview	6th International conference on ICT for sustainable development	Goa, India	August 05-06, 2021	International
12.	Baljeet Kaur, Harminder Kaur	Performance enhancement of 8 channel SCM-WDM based RoF link using Dispersion Compensation Technique	9th International Conference on Advancements in Engineering and Technology, (ICAET-2021)	BGIET, Sangrur	September 5-6, 2021	International

13.	Shubham Sharma, Gurjot Kaur Walia, Harminder Kaur	Impact of various multiplexing, modulation and coding techniques on ISOWC System: A Review	International conference on Tech trends in science and engineering (ICTTSE 2022)	online mode Suryodaya College of Engineering & Technology(Nagpur)	February 25, 2022	International
14.	Supriya Sharma, Gurpurneet Kaur and Harminder Kaur	Crow Search BEENISH Routing Protocol to Increase the Lifetime and Stability of Nodes in WSN	International Conference on Emerging Technologies: AI, IoT, and CPS for Science & Technology Applications, (ICET 2021) NITTTR Chandigarh, India	NITTTR Chandigarh, India	September 6-7, 2021	International
15.	Gurjot Kaur Walia, Jagroop Singh Sidhu	Performance Analysis of kNN based Image Demosaicing for variable window sizes	International Conference on Microelectronics and Telecommunication Engineering(ICMETE 2021)	SRM Institute of Science and Technology, Ghaziabad	September 26, 2021	International
16.	Gurjot Kaur Walia, Jagroop Singh Sidhu	Estimation of optimized window size for hybridized kNN-Random Forest algorithm based Image Demosaicing	International Conference on Advancements in Nanoelectronics And Communication Technologies(ICANCT-22)	Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT), Jaipur (India) & Institution of Engineers (India)	February 24, 2022	International
17.	Gurjot Kaur Walia, Chahat Jain, Navneet Kaur	Pseudo User Interference for Security Enhancement in Co-existing asynchronous GPON/XG-PON System	International Conference on Role of Artificial Intelligence and Sustainable Engineering in Driving Smart Cities	Shri Vishnu Engineering College for Women, Bhimavaram, Andhra Pradesh	March 29, 2022	International

Session (July, 2022- June, 2023)

S.No.	Name of Author(s)	Title of Paper	Name of Conference	Place of Conference	Date of Conference	National / International
1.	Jaspreet Kaur, Narwant singh Grewal, Navneet Kaur	A Review on antenna Array Failure Correction using Optimization Techniques	International Conference on Innovations in Science, Technology and Management	Sanjeevan Engineering & Technology Institute, Panhala, Kolhapur, India	July 8, 2022	International
2.	Shivmanmeet Singh, Narwant Singh Grewal and Baljeet Kaur	Performance Evaluation of Inter-satellite Optical Wireless System (IsOWC) on nongeostationary orbit using PDM- 256 QAM with DSP	4th International Conference on Innovative Trends in Electronics Engineering(ICITEE 2023)	Punjabi University, Patiala	April 27, 2023	International
3.	Mansi, Munish Rattan, Gurjot Kaur Walia	Performance Analysis Of GAAFET Device Using HfO ₂ and SiO ₂	4th International Conference on Innovative Trends in Electronics Engineering(ICITEE 2023)	Punjabi University, Patiala	April 27, 2023	International
4.	Kamalpreet Kaur, Baljeet Kaur, Gurjot Kaur Walia	Performance and Distance Enhancement of 160GBps ISOWC System using Polarization Division Multiplexed 256-QAM	4th International Conference on Recent Innovations in Science and Technology(RIST 2022)	Eranad Knowledge City Technical Campus, Kerala	July 8, 2022	International
5.	Harminder Kaur, Baljeet Kaur, Manjeet Singh Bhamrah	Optical Multi-carrier Generation Using Cascaded Three Stage Modulators	4th International Conference on Innovative Trends in Electronics Engineering(ICITEE 2023)	Punjabi University, Patiala	April 27, 2023	International
6.	Harminder Kaur, Baljeet Kaur, Manjeet Singh Bhamrah	100 GHz Radio Signal Over 160 Gbps-160 km ROF link Using Polarization Division Multiplexing based 256-QAM and Matched Filter	4th International Conference on Innovative Trends in Electronics Engineering(ICITEE 2023)	Punjabi University, Patiala	April 27, 2023	International
7.	Navneet Kaur, Gurburneet Kaur, Pooja Sharma	Performance Assessment of III-V Heterojunction FinFETs at 14nm Gate Length	4th International Conference on Innovative Trends in Electronics Engineering(ICITEE 2023)	Punjabi University, Patiala	April 27, 2023	International
8.	Ram Devi, Gurburneet Kaur	Design of Hetero-Dielectric Single-Metal Gate-All-Around MOSFET with Schottky Contact Source/Drain	International Conference on Nanotechnology : Opportunities & Challenges(ICNOC-2022)	Department of Applied Science & Humanities, Faculty of Engineering & Technology, Jamia Millia Islamia, New	November 28, 2022	International

				Delhi, India		
9.	Mandeep Kaur, Daljit Singh	Performance analysis of MADM techniques in Cognitive Radio for Proximity Services	ICRIC-2022	Jammu	August 13, 2022	International