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 Dhaliwa**l	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 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
23.	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
24.	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
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

	Authors	Title	Conference	Venue	Date	Level
27.	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
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 Waknaghat, 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	Sanamdeep 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 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
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, Inteeligent 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 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
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	11th 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 melasirface	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 CommunicationNeed & 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 MIMOOFDM 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, **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
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 Patterh	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

S.No.	Name of Author(s)	Title of Paper	Name of Conference	Place of Conference	Date of Conference	National / 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 Unioversity, 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; Kuldeepak 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 Bidiractional 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 Learining 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 Metamatrial 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

S.No.	Name of Author(s)	Title of Paper	Name of Conference	Place of Conference	Date of Conference	National / 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	June 25-26, 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	**Harminder Kaur**	Performance Enhancement of 8 channel SCM-WDMbased RoF link using dispersion compensation technique	9th International Conference on advancement in engineering and technology	Bhai Gurdas Institute of Engineering and Technology, Sangrur (Punjab), India	June 25-26, 2021	International
6	**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
7	**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