

Sl. No.	Name of Faculty	Journal/Conference	Title of the Paper	Year of Publication
1.	Arti Vaish	Wireless Personal Communications	An investigation of massive in hybrid configurable CDRA.	2018
2.	Arti Vaish	International Journal of Microwave & Optical Technology	Compensation of SPM and Dispersion in Long Reach COOFDM System with Multiple Symmetrical Dispersion Compensation and Midlink Spectrum Inversion Modules	2018
3.	B Thakral, A Vaish	International Journal of Engineering & Technology	Design of Squarer Circuit in Sub-threshold Mode	2018
4.	Isha Saini	Advanced materials proceedings	Ag nanoparticles induced modification in microhardness of polyvinyl alcohol	2018
5.	Megha Khatri	Proceedings 3 rd International Conference on Internet of things and connected Technologies	Simulation and Experimental Fault Analysis of Grid Tied Solar Photovoltaic System	2018
6.	Sandeep Gulia, Arti Vaish	2nd IEEE International Conference on Computing Methodologies & Communication	Design and Analysis of Broadband Two Layer Microstrip Patch Antenna	2018
7.	Arti Vaish, Sandeep Gulia	2nd IEEE International Conference on Computing Methodologies Communication	Review Report on Circular and Trapezoidal Toothed Log Periodic Antenna	2018
8.	Latika Singh	Cardiovascular Engineering and Technology	Aiding the Detection of QRS Complex in ECG Signals by Detecting S Peaks Independently	2018
9.	Latika Singh	International Journal of Computers and Applications	Classification of Intellectual Disability using LPC, LPCC and WLPC parameterization techniques	2018
10	Latika Singh	Chapter to De Gruyter book on Signal and Acoustic Modelling for Speech and Communication Disorders	Speech disorders in children and adults with mild to moderate intellectual disability	2018
11	Arti Vaish	Journal of Optical Communications	INCORPORATING SDC MODULE FOR ISI COMPENSATION FOR A LONG HAUL CO-OFDM SYSTEM	2018
12	Jyoti Mor, Dr Dinesh Rai	International Journal of Engineering and Technology	An XML based web crawler with page revisit policy and updation in local repository of search engine	2018
13	Monika Khurana	National Conference on Chemical Sciences: Opportunities & Challenges	Study of Interactions between Nanoparticles and Biomembranes	2018

14	Anamika Paul	Journal of Basic and Applied Engineering Research	Construction of Solar Distillation Still	2018
15	Dr. Mamta Dahiya	International Journal of Computer Science and Information Technology & Security	Implementation of Latency by Using Distributed Load Balancing Algorithm for Logistics	2017
16	Megha Khatri and Dr. Atul Kumar	Current Science Journal	Simulation and Experimental Validation of Hill Climbing Algorithm for Maximum Power Point Tracking of Solar Photovoltaic Plant	2017
17	Megha Khatri and Dr. Atul Kumar	International Journal of Renewable Energy Research	Experimental Investigation of Harmonics in a Grid-Tied Solar Photovoltaic System	2017
18	Megha Khatri and Dr. Atul Kumar	International Journal of Engineering and Technology	Two Variable Method for Fault Analysis in Grid Tied Solar Photovoltaic System	2017
19	Neha Gupta and Megha Khatri	International Journal on Emerging Technologies	An experimental Analysis of Shading on Solar Photovoltaic	2017
20	Megha Khatri, Dr. Atul Kumar	International Journal of Advanced Research and Innovation	Mathematical Modelling of Unified Power Quality Conditioner for Distribution Power System	2017
21	Anand Sharma	Composite Communications	Examination of accuracy aspect in machining of ZrSiO ₄ /6063 aluminium MMC using CNC Wire Electrical Discharge Machining	2017
22	Shikha Gupta	International Journal of Technology Diffusion	Modeling Trust Based Risk Management in Cloud Adoption using Fuzzy Inference System	2017
23	Shikha Gupta	Global Journal of Enterprise Information system	Cloud Adoption: Linking Business Needs with System Measures	2017
24	Vijaya Lakshmi Singh	International Journal of Advance Research and Innovation	Simulation of Network with cloud Servers using OPNET Modeler	2017
25	Vijaya Lakshmi Singh	International journal of Advance Research in Science and Engineering	Comparison of Network with Cloud Servers using OPNET Modeler	2017
26	Jyoti Mor	International Journal of Control Theory and Applications	Change detection of web page in Focused Crawling System	2017
27	Arti Vaish	Wireless Personal Communications	An Investigation of Resonant Modes in Rectangular Dielectric Resonator Antenna Using Transcendental Equation	2017
28	Arti Vaish	ARPN Journal of Engineering and Applied Sciences	Review Report on Dielectric Resonator Antenna	2017
29	Arti Vaish	ARPN Journal of	Geometrical studies of Dielectric	2017

		Engineering and Applied Sciences	Resonator Antenna (DRA)	
30	Arti Vaish	ARPJ Journal of Engineering and Applied Sciences	Simulative Investigation of FSO based Inter satellite Links under the Effect of Aperture Area	2017
31	Bindu Thakral, Arti Vaish	Pertanika Journal of Sciences & Technology	Design of Low Voltage Low Power OTA based CCII+	2017
32	Arti Vaish	ARPJ Journal of Engineering and Applied Sciences	Numerical Methods used in the analysis of Dielectric Resonator Antenna	2017
33	Isha Saini	Materials research express	Structural and thermal characterization of polyvinylalcohol grafted SiC nanocrystals	2017
34	Isha Saini	Thin solid films	Functionalized SiC nanocrystals fortuning of optical, thermal, mechanical and electrical properties of polyvinyl alcohol	2017
35	Isha Saini	Journal of Alloys and Compounds	Grafted SiC nanocrystals: For enhanced optical, electrical and mechanical properties of polyvinyl alcohol	2017
36	Neha Gupta	International Journal of ChemTech Research CODEN (USA)	Emission characteristics of diesel engine fuelled with biogas and n - propanol-biodiesel-diesel blend under dual fuel mode	2017
37	Neha Gupta	International Journal of ChemTech Research CODEN (USA)	Effects of CNG flow rate on combustion, performance and emissions characteristics of biodiesel fuelled diesel engine	2017
38	Neha Gupta	International Journal of Advanced Technology in Engineering and Science	Production and Utilization of Biogas in Dual Mode Fuel in IC Engine for Power Generation Applications	2017
39	Neha Gupta	International Journal of Engineering Research & Science	Experimental Studies of Utilization of Biogas with Biodiesel in Diesel Engine Generator for Electricity Generation	2017
40	Latika Singh	International Journal of Speech Technology	Development of Spectro-temporal features of speech in children	2017
41	Latika Singh	Proceedings of IEEE International Conference on Communication and Computational Techniques	Dynamic behavior analysis of android applications for malware detection	2017
42	Latika Singh	Circuits, Systems, and Signal Processing	Automatic Detection of R Peaks in Single-Lead ECG signal	2017
43	Neha Gupta	International Journal of Engineering Science	Experimental Study of Combustion Performance and Emission	2017

		Invention Research & Development	Characteristics of IC Diesel Engine Fueled with Biogas in Dual Fuel Mode for Rural Electrification	
44	Megha Khatri	2 nd International Research Conference on Business Process Re-engineering for Sustainability and Climate Change: Issues and Perspectives, held at Jawaharlal Nehru University.	Unified Harmonic Compensator for Mitigating Harmonics in Distribution System Feeding Linear and Non-linear Loads	2017
45	Vijaya Lakshmi Singh	International Conference on Computing and Communication Technologies for Smart Nation (IC3TSN 2017), IEEE Digital Library	Performance Comparison of IEEE 802.11g WLANs With Respect to Increasing Number of Workstation Using OPNET Modeler	2017
46	Jyoti Mor	Recent Trends in Science, Engineering, Information Technology & Management (RTSEITM 2017)	Software Reengineering to Object Oriented Platforms -A Review	2017
47	Neha Gupta	International Conference on Innovations in Sciences, Technology, Engineering and Management, 5-7 th April, 2017 at Indoglobal Colleges Campus, Chandigarh	Experimental Study of Combustion Performance and Emission Characteristics of IC Diesel Engine Fueled with Biogas in Dual Fuel Mode for Rural Electrification	2017
48	Neha Gupta	International Conference of Advanced Research and Innovation (ICARI-2017).	Biogas-an Alternative to Sustainable Fuel in IC Engines for Distributed Generation	2017
49	Anamika Paul	Proceedings of 70 th Annual Session of Indian Institute of Chemical Engineers	Photocatalytic Degradation of Phenolic Compounds by using Synthesised Silicon Doped Titania Nanofibers	2017
50	Anamika Paul	Proceedings of International Conference on Advance Research in Applied Sciences, Environment, Agricultural and Entrepreneurship Development	Use of Agricultural Crops for Production of Biodegradable Plastics	2017
51	Anamika Paul	Journal of Energy Research and Environmental Technology	Activated Carbon Based Indoor Air Purifier,	2017
52	Anamika Paul	Proceedings of CSIR – National Environmental Engineering Research Institute	Reuse of waste materials as activated char for removal of colour from wastewater	2017

53	Anamika Paul	Indoor Air Quality of Beauty Parlours and Salons	Journal of Civil Engineering and Environmental Technology	2017
54	Anamika Paul	Symposium on Emerging Trends in Biotechnology and Drug Discovery, CSIR-IGIB (Institute of Genomics and Interactive Biology)	Placebo – Treatment without medicine	2017
55	S. Devneyan	Advances in Natural And Applied Sciences	Embedded based Solar Power Electric Three wheeler – A Life Cycle Cost Analysis	2017
56	S. Devneyan	Advances in Natural And Applied Sciences	Photovoltaic Powered Electric Tri-cycle for Multi-use freight carrier with optional manual pedaling	2017
57	Arti Vaish	Wireless Personal Communications	Analytical Computation of Resonant Frequency of Rectangular Dielectric Resonator Antenna by Including Effective Dimensions of DRA.	2016
58	Isha Saini	Bulletin of materials science	Tailoring of optical and electrical properties of PMMA by incorporation of Ag nanoparticles	2016
59	Garima Bakshi, Arti Vaish.	International Journal of Research on Electronics and Computer Engineering	Analysis of rectangular dielectric resonator antenna using TMM thermoset microwave material with probe fed arrangement	2016
60	Garima Bakshi	International Journal of Industrial Electronics and Electrical Engineering	Design of Rectangular Dielectric Antenna Using Sapphire with Probe Fed Arrangement	2016
61	Latika Singh	International Journal of Machine Learning and Cybernetics	An improved dynamic discrete firefly algorithm for blind image Steganalysis	2016
62	Latika Singh	International Journal of Machine Learning and Cybernetics	A hybrid feature selection approach based on improved PSO and filter approaches for image steganalysis”,	2016
63	Latika Singh	International Journal of Advanced Computer Science & Applications	Speech Impairments in Intellectual Disability: An Acoustic Study	2016
64	Latika Singh	International Journal of Data Mining And Emerging Technologies	Classification of the Speech of Normally Developing and Intellectually Disabled Children	2016
65	Anamika Paul	Journal of Energy Research and Environment Technology	Homemade Portable Room Air Conditioner	2016
66	Anamika Paul	Journal of Basic and Applied Engineering Research	Pseudoplastic fluid flow around a square cylinder with a downstream splitter plate	2016
67	Anamika Paul	Journal of Aeronautical and Automotive Engineering	Vortex control by a vertical splitter plate place upstream of a square cylinder in non-Newtonian flow	2016
68	Anamika Paul	International Journal of	Batch Sorption Experimental Study	2016

		Journal of Aeronautical and Automotive Engineering Environmental Protection	for Phosphorus Removal Mechanisms Using Wetland Gravel Medium	
69	Anamika Paul	International Journal of Advances in Science, Engineering and Technology	Study of Adulteration in Transportation Fuel	2016
70	Anamika Paul	Journal of Basic and Applied Engineering Research	A Case Study on Bawana Common Effluent Treatment Plant, New Delhi	2016
71	Anamika Paul	Journal of Civil Engineering and Environment Technology	Study of Emission from Adulterant fuel on Environment	2016
72	Anamika Paul	Journal of Basic and Applied Engineering Research	Rerefining of Waste Lubricating Oil using different acid	2016
73	Monika Khurana	3rd International Conference on Nanoscience and Nanotechnology, Colombo.	Interactions of Gold nanoparticles with Lipid Membranes- A UV/Visible and FTIR Spectroscopy Studies	2016
74	Monika Khurana	3rd International Conference on Recent trends on New Frontiers in Biotechnology, Bareilly.	Gold nanoparticles Interactions with Biomembranes	2016
75	S. Devneyan	International Journal of Recent Trends in Engineering & Research	Designing of a drive module for bicycles with regenerative braking	2016
76	S. Devneyan	International Advanced Research Journal in Science, Engineering and Technology	Battery Management Architectures for Electric Vehicles Using CAN Controller	2016
77	S. Devneyan	International Journal of Advanced Research in Electronics and Communication Engineering	Generalized Photovoltaic powered system for various domestic application in rural areas	2016
78	S. Devneyan	International Journal of Science, Engineering and Technology Research	Solar-Powered Retrofit Electric Three-Wheeler for Multipurpose goods carrier with manual pedaling	2016
79	S. Devneyan	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	A Study on Battery Operated Electric Vehicle Technology destined for Industrial Manufacturers	2016
80	S. Devneyan	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	Life Cycle Cost Study on Embedded Based Solar Powered Cum Manual Powered Rickshaw	2016
81	S. Devneyan	International Advanced Research Journal in Science, Engineering and Technology	Electric and Enhanced Cycle Rickshaw as Sustainable Transport System for India	2016

82	S. Devneyan	International Journal of Science, Engineering and Technology Research	Solar Powered Electric Tricycle for Physically Challenged Person	2016
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