

PUBLICATION DETAILS (2020-21)													
Sr No.	Faculty Name	No of paper Published	title of paper	journal /conference	International / National	Name of the Journal / Conference	Vol. no	issue no	page no	ISSN/ ISBN	Date	DOI No.	SCI/ SCOPUS/UGC/Others
1	Dr. Vinay Bhatia	3	UNIFIED APPROACH TO DETECT COVID-19 IN PATIENTS	journal	International	Journal of Critical Reviews							
			Hybrid TWDM passive optical system for next generation access networks	journal	International	Journal of Critical Reviews							
			A Change Detection Approach for SAR Images Using Modified Log Ratio and Median Filtering	journal	International	Journal of Critical Reviews							
2	Dr. Rinkesh Mittal	1	A NEW APPROACH FOR K-MEANS BASED CLUSTERING ALGORITHM FOR ENERGY-EFFICIENT BIG DATA GATHERING ALGORITHM	Journal	International	Journal of Critical Reviews	7	19	2524-2529	2394-5125	July, 2020	10.31838/jcr.07.19.202	SCOPUS
3	Dr. Mohit Srivastava	3	HIERARCHAL CLASSIFICATION OF SATELLITE IMAGE USING ANN CLASSIFIER	Journal	International	Journal of Critical Reviews	7	19	2524-2529	2394-5125	July, 2020	10.31838/jcr.07.19.202	SCOPUS
			INTEGRATION OF TWO DIODE MODEL PHOTOVOLTAIC CELL & WIND ENERGY SYSTEM WITH BETTER EFFICIENCY	Journal	International	Journal of Critical Reviews	7	19	159-164	2394-5125	July, 2020	10.31838/jcr.07.19.202	SCOPUS

			POWERING THE ELECTRIC VEHICLE WITH A DYNAMO USING WIND ENERGY	Journal	International	Journal of Critical Reviews	7	19	1642-1649	2394-5125	July, 2020	10.31838/jcr.07.19.202	SCOPUS
			Object Based Glacier surface change detection using Multispectral satellite Data	IEEE Conference	International	7th IEEE Conference-UPCON-2020					Nov, 2020		
4	Dr. Harpal	3	POWERING THE ELECTRIC VEHICLE WITH A DYNAMO USING WIND ENERGY	Journal	International	Journal of Critical Reviews	7	19	1642-1649	2394-5125	July, 2020	10.31838/jcr.07.19.202	SCOPUS
			HIERARCHAL CLASSIFICATION OF SATELLITE IMAGE USING ANN CLASSIFIER	Journal	International	Journal of Critical Reviews	7	19	2524-2529	2394-5125	July, 2020	10.31838/jcr.07.19.202	SCOPUS
			Relevance of Matrices and Image Processing	Journal	International	CGCIJCTR	2	2	126-130	2582-0486	June, 2020	10.46860/cgcijctr.2020.06.26.126	
5	Dr. Dinesh Arora	1	HYBRID TWDM PASSIVE OPTICAL SYSTEM FOR NEXT GENERATION ACCESS NETWORKS	Journal	International	Journal of Critical Reviews	7	19	796-800	2394-5125	July, 2020	10.31838/jcr.07.19.202	SCOPUS
6	Dr. Sukhdeep Kaur	4	Optimized Dynamic Clustering to Improve the Network Efficiency in IoV	Journal	International	Journal of Critical Reviews	7	19		2394-5125	July, 2020	10.31838/jcr.07.19.202	SCOPUS
			Design and simulation of dual notch UWB antenna using wireless Communications	Journal	International	Journal of Critical Reviews	7	19		2394-5125	July, 2020	10.31838/jcr.07.19.202	SCOPUS

			Design & simulation of dual notch band UWB Antenna for GPS, Bluetooth, 3G, 4G, and close range radar applications	Journal	International	Journal of Critical Reviews	7	19		2394-5125	July, 2020	10.31838/jcr.07.1 9.202	SCOPUS
			Real-Time Analysis of Electrical Machine's Health Condition based on Run Time Parameters	Journal	International	Journal of Critical Reviews	7	19		2394-5125	July, 2020	10.31838/jcr.07.1 9.202	SCOPUS
7	Dr. Pooja Sahni	3	Optimized Dynamic Clustering to Improve the Network Efficiency in IoV (Internet of Vehicles),	Journal	International	Journal of Critical Reviews	7	19	53	2394-5125	July, 2020	10.31838/jcr.07.1 9.202	SCOPUS
			Design and simulation of dual notch UWB antenna using wireless Communications	Journal	International	Journal of Critical Reviews	7	19		2394-5125	July, 2020	10.31838/jcr.07.1 9.202	SCOPUS
			Design & simulation of dual notch band UWB Antenna for GPS, Bluetooth, 3G, 4G, and close range radar applications	Journal	International	Journal of Critical Reviews	7	19		2394-5125	July, 2020	10.31838/jcr.07.1 9.202	SCOPUS
8	Dr. Ankur Singhal	3	HYBRID TWDM PASSIVE OPTICAL SYSTEM FOR NEXT GENERATION ACCESS NETWORKS	Journal	International	Journal of Critical Reviews	7	19	796-800	2394-5125	July, 2020	10.31838/jcr.07.1 9.202	SCOPUS
			MASTER EQUATION BASED NUMERICAL ANALYSIS OF SINGLE ELECTRON	Journal	International	Journal of Critical Reviews							

			DEVICES										
			Optimization of hybrid WDM/TDM(16*1024)PON for future access system	Journal	International	Optoelectronics and advanced material – Rapid communication			13623060	July, 2020		SCI	
9	Dr Harbinder singh	4	Review of various image fusion algorithms and image fusion performance metric	Journal	International	Archives of computational methods in engineering				##### ####		SCI	
			HIERARCHAL CLASSIFICATION OF SATELLITE IMAGE USING ANN CLASSIFIER	Journal	International	Journal of Critical Reviews				15-9-2020		SCOPUS	
			POWERING THE ELECTRIC VEHICLE WITH A DYNAMO USING WIND ENERGY	Journal	International	Journal of Critical Reviews				15-9-2020		SCOPUS	
			A VARIATIONAL APPROACH FOR MULTIFOCUS IMAGE FUSION IN DCT DOMAIN	Journal	International	Journal of Critical Reviews				14-9-2020		SCOPUS	
10	Dr. Parveen singla	9	A Novel Technique to Reduce Time Complexity for Solving the Electrical Circuit Using Lagrangian Formalism	journal	International	Journal of Critical Reviews	7	11	2394-5125	July, 2020	-	SCOPUS	
			Integration of Two Diode Model Photovoltaic Cell & Wind Energy System with Better Efficiency	Journal	International	Journal of Critical Reviews	7	19	159-164	2394-5125	July, 2020	10.31838/jcr.07.19.202	SCOPUS

			Novel Chattering Alleviation Design For Nonlinear Systems With Mismatched Disturbances	journal	Internationa l	Journal of Critical Reviews	7	19	1650-1659	2394-5125	July, 2020	10.31838/jcr.07.19.202	SCOPUS
			A New Approach For K-Means Based Clustering Algorithm for Energy-Efficient Big Data Gathering Algorithm	Journal	Internationa l	Journal of Critical Reviews	7	19	2524-2529	2394-5125	July, 2020	10.31838/jcr.07.19.202	SCOPUS
			Performance And Analysis Of Covid-19 In India For Spreading -A Mathematical Approach	Journal	Internationa l	European Journal of Molecular & Clinical Medicine	7	8	2515-8260	1925-1930	2020	-	SCOPUS
			Area-Delay-Power Efficient Fixed-Point LMS Adaptive Filter with Low Adaptation Delay	Journal	Internationa l	Journal of Critical Reviews	7	15	1507-1515	2394-5125	July, 2020		SCOPUS
			Hybrid TWDM Passive Optical System for Next Generation Access Networks	Journal	Internationa l	Journal of Critical Reviews	7	19	796-800	2394-5125	July, 2020	10.31838/jcr.07.19.202	SCOPUS
			Unified Approach To Detect Covid-19 In Patients	journal	Internationa l	Journal of Critical Reviews	7	19	2518-2523	ISSN 2394-5125	July, 2020		SCOPUS
			Significance of nano-materials, designs consideration and fabrication techniques on performances of strain sensors – A reviews	journal	Internationa l	Material science in semiconductor processing				105581	July, 1905		
11	Dr. Bhawna Tandon	1	NOVEL CHATTERING ALLEVIATION DESIGN FOR NONLINEAR SYSTEMS WITH	journal	Internationa l	Journal of Critical Reviews	7	19	1650-1659		July, 2020	10.31838/jcr.07.19.202	SCOPUS

			MISMATCHED DISTURBANCES										
12	Dr. Pradeep Kumar Gaur	2	UNIFIED APPROACH TO DETECT COVID-19 IN PATIENTS	journal	International	Journal of Critical Reviews	7	19	2518-2523	ISSN 2394-5125	July, 2020		SCOPUS
			DETAILED ELECTROSTATIC AND ELECTROMECHANICAL ANALYSIS OF MEMS SHUNT SWITCH	journal	International	Journal of Critical Reviews	7	5	1576-1583	ISSN 2394-5125	May, 2020	10.31838/jcr.07.05.271	
14	Dr. Abhishek Sharma	5	A CHANGE DETECTION APPROACH FOR SAR IMAGES USING MODIFIED LOG RATIO AND MEDIAN FILTERING	journal	International	Journal of Critical Reviews	7	19	816-822	ISSN 2394-5125	July, 2020		SCOPUS
			MASTER EQUATION BASED NUMERICAL ANALYSIS OF SINGLE ELECTRON DEVICES	journal	International	Journal of Critical Reviews	7	19	1608-1616	ISSN 2394-5125	July, 2020		SCOPUS
			UNIFIED APPROACH TO DETECT COVID-19 IN PATIENTS	journal	International	Journal of Critical Reviews	7	19	2518-2523	ISSN 2394-5125	July, 2020		SCOPUS
			DETAILED ELECTROSTATIC AND ELECTROMECHANICAL ANALYSIS OF MEMS SHUNT SWITCH	journal	International	Journal of Critical Reviews	7	5	1576-1583	ISSN 2394-5125	July, 2020		SCOPUS
			HYBRID TWDM PASSIVE OPTICAL SYSTEM FOR NEXT	journal	International	Journal of Critical Reviews	7	19	796-800	ISSN 2394-5125	July, 2020		SCOPUS

			GENERATION ACCESS NETWORKS										
15	Dr. Pooja Singhal	2	Effect of different Viruses Attack in India	journal	International	Journal of Critical Reviews							
			A Novel Technique to Reduce Time Complexity for Solving the Electrical Circuit Using Lagrangian Formalism	journal	International	Journal of Critical Reviews							
16	Ramanpreet kaur	4	MEASUREMENT OF BIFURCATION FEATURES IN RETINAL FUNDUS IMAGES	journal	International	Journal of Critical Reviews	7	19	1702-09	2394-5125	July, 2020	10.31838/jcr.07.1 9.209	SCOPUS
			SENSORS TECHNOLOGY AND POWER CONSUMPTION ISSUE IN HEALTHCARE ENVIRONMENT	journal	International	Journal of Critical Reviews	7	19	1625-1634	2394-5125	July, 2020	10.31838/jcr.07.1 9.199	SCOPUS
			CONGESTION CONTROL AND SECURITY ASPECTS IN WIRELESS BODY AREA NETWORKS	journal	International	Journal of Critical Reviews	7	19	2530-2535	2394-5125	July, 2020	10.31838/jcr.07.1 9.310	SCOPUS
			AN IMPROVED METHOD FOR THE DETECTION OF RETINAL BLOOD VASCULATURE IN COMPUTER-AIDED DIAGNOSIS OF HYPERTENSIVE RETINOPATHY	journal	International	Journal of Natural Remedies	21	3	149-159	2320-3358	July, 2020		scopus
17	Rachna Manchanda	1	Real-Time Analysis of Electrical	journal	International	Journal of Critical Reviews	7						

			Machine's Health Condition based on Run Time Parameters										
18	Dr. Tarun Singhal	3	MASTER EQUATION BASED NUMERICAL ANALYSIS OF SINGLE ELECTRON DEVICES	Journal	Internationa 1	Journal of Critical Reviews							
			Performance Analysis of MRC-MINEC with Perfect CSI	Journal	Internationa 1	Journal of Critical Reviews							
			HYBRID TWDM PASSIVE OPTICAL SYSTEM FOR NEXT GENERATION ACCESS NETWORKS	Journal	Internationa 1	Journal of Critical Reviews							
19	Nidhi Chahal	2	Effect of different Viruses Attack in India	journal	Internationa 1	Journal of Critical Reviews							
			A Novel Technique to Reduce Time Complexity for Solving the Electrical Circuit Using Lagrangian Formalism	journal	Internationa 1	Journal of Critical Reviews	7	11	2249-2255	2394-5125	15 July		
20	Ashima Kalra	1	Novel Chattering Alleviation Design For Nonlinear Systems With Mismatched Disturbances	journal	Internationa 1	Journal of Critical Reviews							
21	Kuldeep Sharma	3	Design and Simulation of Dual notch UWB Antenna for wireless application	Journal	Internationa 1	Journal of Critical Reviews							

			Design & simulation of dual notch band UWB Antenna for GPS, Bluetooth, 3G, 4G, and close range radar applications	Journal	Internationa 1	Journal of Critical Reviews							
			A highly efficient bilayer rapheme/ZnO/silicon nano wire based hetero junction photo detector with broadband spectral response	Journal	Internationa 1	Nano Technology				1759-0787			SCI
22	Komal Arora	1	Performance Analysis of MRC-MINEC with Perfect CSI	Journal	Internationa 1	Journal of Critical Reviews							
23	Aanchal Gupta	1		Journal	Internationa 1	Journal of Critical Reviews							
			MASTER EQUATION BASED NUMERICAL ANALYSIS OF SINGLE ELECTRON DEVICES	journal	Internationa 1	Journal of Critical Reviews							
24	Gagandeep Kaur	1	Monostatic radar-based microwave imaging of breast tumor detection using a compact cubical dielectric resonator antenna	journal	Internationa 1	Microwave optical technical letters				13623060			SCI