

**Journal (Jan-June 2020)**

Sr. No.	PCN	Name of Authors in the sequence as mentioned in Journal	Deptt.	Title of Paper	Journal	International/ National	Year	Month in which published	Volume	Number /Issue	Page no.	PW : Publication reported in Web of Science (Y/N)	PS: Publication reported in Scopus (Y/N)	PG: Publication reported in Google Scholar (Y/N)	PI: Publication reported in Indian Citation Index (Y/N)
1	APS2020J001	<a href="#">Khushbu Gupta*</a> and <a href="#">Tejpal Singh Chundawat</a>	APS	Bio-Inspired Synthesis of Platinum Nanoparticles From Fungus <i>Fusarium Oxysporum</i> : its Characteristics, Potential Antimicrobial, Antioxidant and Photocatalytic Activities	Materials Research Express	International	2019	September	6	10	1-11	Y	Y	Y	N
2	APS2020J002	<a href="#">Vaibhav Mishra*</a> , <a href="#">Anju Arya</a> and <a href="#">Tejpal Singh Chundawat</a>	APS	High Catalytic Activity of Pd Nanoparticles Synthesized From Green Alga <i>Chlorella Vulgaris</i> in Buchwald-Hartwig Synthesis of N-Aryl Piperazines	Current Organocatalysis	International	2019	April	7	1	23-33	Y	Y	Y	N
3	APS2020J003	<a href="#">Anju Arya*</a> , <a href="#">Akhil Mahajan</a> and <a href="#">Tejpal Singh Chundawat</a>	APS	Microwave-Assisted One-Pot Synthesis of 2-Substituted Quinolines by Using of Palladium Nanoparticles as a Catalyst developed from Green Alga <i>Botryococcus braunii</i>	Current Organocatalysis	International	2019	May	7	1	1-7	Y	Y	N	N
4	APS2020J004	<a href="#">Vaibhav Mishra*</a> and <a href="#">Tejpal Singh Chundawat</a>	APS	Silica Supported Piperazine Sulfosalicylic Acid: A Reusable and Efficient Catalyst for Synthesis of 2-aryl-benzimidazoles	Indian Journal of Chemistry, Section-B	National	2019	October	58B	--	1153-1161	Y	Y	Y	N
5	APS2020J005	<a href="#">Khushbu Gupta*</a> and <a href="#">Tejpal Singh Chundawat</a>	APS	Role of Enzymes in Synthesis of Biologically Important Organic Scaffolds	Asian Journal of Chemistry	International	2019	November	13	--	2698-2706	N	Y	N	N
6	APS2020J006	<a href="#">Mahendra Singh Sodha*</a> and <a href="#">Sujeet Kumar Agarwal</a>	APS	Application of Boltzmann's Transfer Equation to Nonlinear Propagation of a Plane Polarized Monochromatic EM Wave in Ionospheric Plasma	Physics of Plasmas	International	2019	October	26	10	102902	Y	Y	Y	N
7	APS2020J007	<a href="#">Pranati Purohit*</a> , <a href="#">Indu Elizabeth</a> , <a href="#">S. Sheela Kumar</a> and <a href="#">Sushil Kumar</a>	APS	Optimization of a Piezoelectric Mechanical Amplifier Actuator for Nano-Indentation	Integrated Ferroelectrics ( Proceedings of the International Conference on Nano-Structured Materials and Devices (ICNSMD-2018); Part I of IV)	International	2019	December	202	1	144-150	Y	Y	Y	N
8	APS2020J008	<a href="#">Deepika*</a> and <a href="#">Hukum Singh</a>	APS	AC Conductivity And Dielectric Relaxation of $Se_{80-x}Te_{20}B_{ix}$ (x=6, 12) Glasses	Physics and Chemistry of Glasses: European Journal of Glass Science and Technology Part B	International	2019	December	60	6	222-230	Y	Y	Y	N
9	APS2020J009	<a href="#">Shivani Yadav*</a> and <a href="#">Hukum Singh</a>	APS	An image encryption scheme based on hybrid fresnel phase mask and singular value decomposition	Recent advances in computer science and communications <b>Formerly: Recent patents on computer science</b>	International	2020	February	12	1	--	N	Y	Y*	N
10	CEE2020J001	<a href="#">Monica Malhotra</a> , <a href="#">Vaishali Sahu</a> , <a href="#">Amit Srivastava</a> and <a href="#">Anil Kumar Misra*</a>	CEE	Experimental and numerical investigation of the effect of pre-existing utility tunnel on the bearing capacity of shallow footing in sandy soils	Journal of engineering, design and technology	International	2019	September	--	--	--	Y	Y	Y	N
11	CEE2020J002	<a href="#">Vaishali Sahu*</a> , <a href="#">Rounak Attri</a> , <a href="#">Prashast Gupta</a> and <a href="#">Rakesh Yadav</a>	CEE	Development of eco-friendly brick using water treatment plant sludge and processed tea waste	Journal of engineering, design and technology	International	2019	November	--	--	--	Y	Y	Y	N

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12	CEE2020J003	Dharmendra Kumar Srivastava, Vaishali Sahu*, H.B. Raghavendra	CEE	Forensic study of slope failure case during heavy rainfall: Suggested preventive and remedial measures	Geotechnical and Geological Engineering	International	2020	February	--	--	--	Y	Y	Y	N
13	CEE2020J004	Vineet Tirth*, Ram Karan Singh, Saiful Islam, Irfan Anjum Badruddin, Rini Asnida Binti Abdullah, Ali Algahtani, Essam R.I. Mahmoud, Amir Arabi, Neeraj Kumar Shukla and Parul Gupta	CEE	Kharif crops selection for sustainable farming practices in the rajasthan-india using multiple attribute-based decision-making	Agronomy	International	2020	April	10	4	536-550	Y	Y	Y	N
14	CEE2020J005	Niragi Dave, Vaishali Sahu and Anil Kumar Misra*	CEE	Development of geopolymer cement concrete for highway infrastructure applications	Journal of Engineering Design and Technology	International	2020	May	--	--	--	Y	Y	Y	N
15	CSE2020J001	Namita Dahiya and Shilpa Mahajan*	CSE	A comparative study of various existing malware analysis methods	International Journal of Networking and Virtual Organisations	International	2019	August	21	2	268-276	N	Y	Y	N
16	CSE2020J002	Hitesh Yadav*, A Charan Kumari and Rita Chhikara	CSE	Feature Selection Optimization of software product line using metaheuristic techniques	International Journal of embedded system	International	2020	fortcoming	--	--	--	Y	Y	N	N
17	CSE2020J003	Monika Arora* and Mehak Khurana	CSE	Secure image encryption technique based on jigsaw transform and chaotic scrambling using digital image watermarking	Optical and quantum electronics	International	2020	January	52	2	1-30	Y	Y	Y	N
18	CSE2020J004	Mehak Khurana* and Hukum Singh	CSE	Two level phase retrieval in fractional hartley domain for secure image encryption and authentication using digital signatures	Multimedia tools and applications	International	2020	February	--	--	1-20	Y	Y	Y	N
19	CSE2020J005	Pankaj Rakheja* Rekha Vig and Phool Singh	CSE	Double image encryption using 3D lorenz chaotic system, 2D non-separable linear canonical transform and QR decomposition	Optical and quantum electronics	International	2020	Jan	52	103	1-21	Y	Y	Y	N
20	CSE2020J006	Priyanka Vashisht,Vijay Kumar *, Rajesh Kumar and Anju Sharma	CSE	Optimization of replica consistency and conflict resolution in data grid environment	International journal of mathematical, engineering and management sciences	International	2019	December	4	6	1420-1433	N	Y	Y	N
21	CSE2020J007	Priyanka Vashisht* and Vijay Kumar	CSE	Agent based optimized replica management in data grids	Revista Investigacion Operacional	International	2020	March	41	2	32-248	N	N	Y	N
22	CSE2020J008	Meghna Sharma, Manjeet Singh and Priyanka Vashisht*	CSE	Machine learning techniques in RFID datasets	International Journal of Recent Technology and Engineering	International	2020	March	8	6	4345-4353	N	N	N	N
23	CSE2020J009	Garima Sharma*, Latika Singh and Sumanlata Gautam	CSE	Facial feature extraction for emotion classification using fuzzy c-mean clustering	Recent Advances in Computer Science and Communications (Formerly: Recent Patents on Computer Science)	International	2020	February	12	1	2213-2759	N	Y	Y*	N

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24	CSE2020J010	Neeti Kashyap*, A. Charan Kumari and Rita Chhikara	CSE	Service composition in IoT using genetic algorithm and particle swarm optimization	Open Computer Science	International	2020	April	10	1	56-64	Y	Y	Y	N
25	CSE2020J011	Jyotika Pruthi, Kavita Khanna and Shaveta Arora*	CSE	Optic cup segmentation from retinal fundus images using glowworm swarm optimization for glaucoma detection	Biomedical Signal Processing and Control	International	2020	May	60	102004	1-12	Y	Y	Y	N
26	CSE2020J012	Neerja Negi*, Poonam Chaudhary and Satish Chandra	CSE	Web service classification based on non-functional parameters using vote based classifier	Journal of Discrete Mathematical Sciences and Cryptography	International	2020	April	23	1	45-55	Y	Y	Y	N
27	ECE2020J001	Smridhi Seth, Shreya Sharma and Vandana Khanna*	EECE	DC Analysis and Inference of Noise Margins for FINFET Inverters	International Journal of Advance Research and Innovation	International	2019	June	7	2	129-132	N	N	Y	N
28	ECE2020J002	Prithu Jain, Shalabh Bansal and Vandana Khanna*	EECE	Analysis of 6T SRAM Cell in Different Technologies	International Journal of Advance Research and Innovation	International	2019	June	7	2	133-135	N	N	Y*	N
29	ECE2020J003	Anshul Vats*, Mona Aggarwal and Swaran Ahuja	EECE	End-to-end performance analysis of hybrid VLC-RF system using decode and forward relay in E-health medical applications	Optik	International	2019	April	187	--	297-310	Y	Y	Y	N
30	ECE2020J004	Prashast Sharda, Tanisha Tyagi and Naresh Kumari*	EECE	Medical and Astronomical Applications of Raman Spectroscopy	International Journal of Advanced Engineering Research and Applications	International	2019	June	5	2	50-55	N	N	Y*	N
31	ECE2020J005	Uttpal Raj and Naresh Kumari*	EECE	Wired and Wireless Modes of Communication and their Comparison	International Journal of Advance Research and Innovation	International	2019	September	7	3	253-255	N	N	Y	N
32	ECE2020J006	Anita Sharma*, Swaran Ahuja and Moin Uddin	EECE	On end-to-end performance of variable gain AF relayed cognitive underlay networks	Australian Journal of Electrical and Electronics Engineering	International	2019	September	16	4	305-318	N	Y	Y	N
33	ECE2020J007	Anita Sharma*, Mona Aggarwal, Swaran Ahuja and Moin-Uddin	EECE	Error analysis of dual-hop DF relayed underlay cognitive networks over EGK fading channels	SN Applied Sciences	International	2019	May	1	7	N.A	Y	N	N	N
34	ECE2020J008	Pankaj Rakheja*, Rekha Vig and Phool Singh	EECE	An asymmetric hybrid watermarking mechanism using hyperchaotic system and random decomposition in 2D Non separable linear canonical domain	Proceedings of the Indian National Science Academy	International	2019	October	--	--	N.A	Y	Y	N	N

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35	ECE2020J009	Abhijeet Kumar, Vandana Khanna*, Sahaj Khurana and Devanshi Bhatia	EECE	Design of CMOS Operational Amplifier in 180 nm Technology	International Journal of Analog Integrated Circuits	International	2019	July	5	1	5-14	N	N	Y	N
36	ECE2020J010	Saksham Arora, Piyush Yadav and Vandana Khanna*	EECE	Design of Voltage Controlled Oscillator using CMOS 180 nm Technology	International Journal of Analog Integrated Circuits	International	2019	July	5	1	32-37	N	N	Y	N
37	ECE2020J011	Ram Sharma , A. Charan Kumari , Mona Aggarwal*, Swaran Ahuja	EECE	Down-link performance of an LED based visible light communication system through dynamic control of semi-angle	Physical Communication	International	2019	March	33	--	222-230	Y	Y	Y	N
38	ECE2020J012	Ram Sharma , A. Charan Kumari , Mona Aggarwal* and Swaran Ahuja	EECE	Directional Beam Based LED Deployment for a Short Range Indoor LED Light Communication System	Journal of Optical Communications	International	2019	July	--	--	001-010	Y	Y	Y	N
39	ECE2020J013	Himanshu Khanna , Mona Aggarwal* and Swaran Ahuja	EECE	A novel project-and-forward relay-assisted mixed RF-FSO system design and its performance evaluation	Transactions on Emerging Telecommunications Technologies	International	2019	feb	--	--	001-017	Y	Y	Y	N
40	ECE2020J014	Rajat Gupta, Mona Aggarwal* and Swaran Ahuja	EECE	Hamiltonian Graph Analysis – Mixed Integer Linear Programming (HGA-MILP) Based Link Failure Detection System in Optical Data Center Networks	Journal of Optical Communications	International	2019	July	--	--	001-008	Y	Y	Y	N
41	ECE2020J015	Anita Sharma* , Mona Aggarwal, Swaran Ahuja and Moin-Uddin	EECE	End-to-end performance of hybridDF/AF(HDAF) relayed underlay cognitive radio networks	International journal of electronics and communication	International	2019	Dec	--	--	published online	Y	Y	Y	N
42	ECE2020J016	Anjali Garg*	EECE	Experimental set up and implementation of a DSP ez2812 controller based voltage control of selfexcited induction generator	JIMS 8i- International journal of information, communication and computing technology	International	2020	Jan	8	2	392-399	N	N	Y	N
43	MED2020J001	Roshan Raman* and Naveen Kumar	ME	Experimental studies to evaluate the combustion, performance and emission characteristics of acetylene fuelled CI engine	International journal of ambient energy	International	2020	Jan	--	--	--	Y	Y	Y	N
44	MED2020J002	S Bhatia*, Prabha Sharma, P. Singh, Pramod Bhatia	ME	Analyzing the impact of temperature on axoplasmic fluid properties defining neuronal excitation	Journal of Thermal Engineering	International	2020	April	6	3	227-241	Y	Y	Y	N
45	MED2020J003	Pulkit Bhasin, Praveen Singh and Satnam Singh	ME	Design and fabrication of low-cost wood working mini CNC milling machine for students skill development	International Journal of Advance Research and Innovation	International	2020	March	8	1	30-33	N	N	Y	N
46	MED2020J004	Satnam Singh*, Dheeraj Gupta and Sarbjeet Kaushal	ME	Dry sliding wear performance of Ni–SiC composites developed through an in situ microwave casting process	Journal of Tribology	International	2020	May	142	10	101704 (10 Pages)	Y	Y	N	N

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47	MED2020J005	Narottam Yadav, Kaliyan Mathiyazhagan* and Krishna Kumar	ME	Application of six sigma to minimize the defects in glass manufacturing industry: A case study	Journal of Advances in Management Research	International	2019	March	16	4	594-624	Y	Y	N	N
48	MED2020J006	Narottam Yadav, Kaliyan Mathiyazhagan* and Krishna Kumar	ME	Modelling the common critical success factors for the adoption of lean six sigma in indian industries	International Journal of Business Excellence	International	2020	March	20	3	375 - 397	N	Y	Y	N
49	MED2020J007	Narottam Yadav and Kaliyan Mathiyazhagan*	ME	Literature review: continuous improvement through lean six sigma	International Journal of Productivity and Quality Management	International	2019	September	28	1	003-027	N	Y	Y	N
50	MED2020J008	Naveen Kumar and Kaliyan Mathiyazhagan*	ME	Manufacturing excellence in the Indian automobile industry through sustainable lean manufacturing: a case study	International Journal of Services and Operations Management	International	2017	July	34	2	180 - 196	N	Y	Y	N
51	MED2020J009	Naveen Kumar and Kaliyan Mathiyazhagan*	ME	Sustainability in lean manufacturing: a systematic literature review	International Journal of Business Excellence	International	2018	November	20	3	295 - 321	N	Y	Y	N
52	MED2020J010	Naveen Kumar, Kaliyan Mathiyazhagan* and Deepak Mathivathanan	ME	Modelling the interrelationship between factors for adoption of sustainable lean manufacturing: a business case from the Indian automobile industry	International Journal of Sustainable Engineering	International	2019	December	13	2	93-107	Y	Y	N	N
53	MED2020J011	Anmol Bhatia*, Anmol Lakhwan2 and Ankit Jain2	ME	Optimization of the effects of process parameters for tensile strength in MIG welded joints: A critical review	International Journal of Advanced Engineering Research and Applications	International	2020	June	6	2	43-47	N	N	Y*	N
54	MED2020J012	Niket Kumar and Anmol Bhatia*	ME	Automatic solar tracking system: An overview of design and fabrication	International Journal of Advanced Engineering Research and Applications	International	2020	June	6	2	35-42	N	N	Y*	N
55	SOL2020J001	Unanza Gulzar	SOL	Vanishing Themes of Indian Victim Compensation Law: An Exploration	Journal of Victomology and Victim Justice	International	2019	August	2	2	1-10	N	N	Y	N
56	SOL2020J002	Unanza Gulzar	SOL	Catastrophe of protection of accused under Criminal Justice administration In India	Lex Jura Law Journal	National	2019	December	--	--	54-70	N	N	N	N
57	SOL2020J003	Unanza Gulzar	SOL	Voids and Abysses in Information Technology Act, 2000 Vis-à-vis E-commerce: Defies Ahead	International Journal of Research in Management and Social Science	International	2018	March	6	1	127-133	N	N	Y*	N
58	SOM2020J001	Esha Jain	SOM	A review study on sustainable development goals: UN 2030 Agenda	Our Heritage	National	2020	January	68	5	1-13	N	N	Y	N
59	SOM2020J002	Esha Jain	SOM	Impact of goods and services tax on indian economy	Our Heritage	National	2020	February	68	7	1-14	N	N	Y*	N
60	SOM2020J003	Esha Jain and Jonika Lamba	SOM	Forensic accounting: A way to fight, deter and detect fraud	IARS International Research Journal	International	2020	February	10	1	--	N	N	Y	N
61	SOM2020J004	Esha Jain	SOM	Leather industry growth and relative strength analysis: A study	JIM Quest	International	2019	October	15	1	15-24	N	N	Y	N

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62	SOM2020J005	Subhash C. Kundu*; Archana Mor; Sandeep Kumar and Jahanvi Bansal	SOM	Diversity within management levels and organizational performance: employees' perspective	Journal of Advances in Management Research	International	2019	September	17	1	110-130	N	Y	N	N

