

Journal (January-December 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	khushbu Gupta* and Tejpal Singh Chundawat	APS	Bio-Inspired Synthesis of Platinum Nanoparticles From Fungus Fusarium Oxysporum: its Characteristics, Potential Antimicrobial, Antioxidant and Photocatalytic Activities	Materials Research Express	International	2019	September	6	10	1-11	Y	Y	Y	N
2	APS2020J002	Vaibhav Mishra*, Anju Arya and Tejpal Singh Chundawat	APS	High Catalytic Activity of Pd Nanoparticles Synthesized From Green Alga Chlorella Vulgaris in Buchwald-Hartwig Synthesis of N-Aryl Piperazines	Current Organocatalysis	International	2019	April	7	1	23-33	Y	Y	Y	N
3	APS2020J003	Anju Arya*, Akhil Mahajan and Tejpal Singh Chundawat	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	Vaibhav Mishra* and Tejpal Singh Chundawat	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	khushbu Gupta* and Tejpal Singh Chundawat	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	Mahendra Singh Sodha* and Sujeet Kumar Agarwal	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	Pranati Purohit*, Indu Elizabeth, S.Sheela Kumar and Sushil Kumar	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)	International	2019	December	202	1	144-150	Y	Y	Y	N
8	APS2020J008	Deepika*and Hukum Singh	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	Shivani Yadav* and Hukum Singh	APS	An image encryption scheme based on hybrid fresnel phase mask and singular value decomposition	Recent advances in computer science and communications Formerly: Recent patents on computer science	International	2020	February	12	1	--	N	Y	N	N
10	APS2020J010	Hukum Singh and Mehak Khurana*	APS	An asymmetric optical cryptosystem of double image encryption based on optical vortex phase mask using gyrator transform domain	Recent Advances in Computer Science and Communications Formerly: Recent Patents on Computer Science	International	2020	May	12	1	1 to 14	N	Y	N	N
11	APS2020J011	Shri Dhar, Sanjay Yadav*, Jyotsana A.K Yadav and Phool Singh	APS	Particle swarm optimization algorithm to optimize the activity patterns of internal globus pallidus in parkinson disease	International Journal of Recent Technology and Engineering	International	2020	January	8	5	5382-5389	N	Discontinued by Scopus June 2020 List	N	N

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12	APS2020J012	Seema Thakran, Rajesh Kumar, Ankush Gunghas and Kapil Kumar Kalkal*	APS	Propagation of plane waves in a fiber-reinforced thermoelastic medium under lord-shulman model	Advances in Theoretical and Applied Mathematics	International	2019	November	14	2	89-104	N	N	Y	N
13	APS2020J013	Anshula and Hukum Singh*	APS	Optical image encryption using various mathematical transforms and structure phase masks: A review	Asian Journal of Physics	International	2020	July	28	10-12	825-856	N	N	N	N
14	APS2020J014	Shivani Yadav* and Hukum Singh	APS	Unsymmetric image encryption using lower upper decomposition and structured phase mask in the fractional fourier domain	Recent Advances in Computer Science and Communications Formerly: Recent Patents on Computer Science	International	2020	August	12	1	--	N	Y as Recent Patents on Computer Science	N	N
15	APS2020J015	Meenakshi Khurana, Puneet Rana*, Sangeet Srivastava and Sanjay Yadav	APS	Magneto-bio-thermal convection in rotating nanofluid containing gyrotactic microorganism	Journal of Applied and Computational Mechanics	International	2020	July	--	--	--	Y	Y	Y	N
16	APS2020J016	Meenakshi Khurana, Puneet Rana* and Sangeet Srivastava	APS	Influence of the combined effect of magnetic field and rotation on the onset of a non-newtonian viscoelastic nanofluid layer: linear and nonlinear analyses	European Physical Journal plus	International	2016	November	131	437	1-17	Y	Y	Y	N
17	APS2020J017	Bharti Arora* and Pankaj Attri	APS	Carbon nanotubes (CNTs): A potential nanomaterial for water purification	Journal of Composites Science	International	2020	September	4	3	-	Y	N	Y	N
18	APS2020J018	R.C. Mittal and Rajni Rohila*	APS	The numerical study of advection-difusion equations by the fourth-order cubic B-spline collocation method	Mathematical Sciences	International	2020	September	--	3	--	Y	N	Y	N
19	APS2020J019	Deepika* and Hukum Singh	APS	Effect of Bi addition on optical properties of Se-Te-Bi films	Indian Journal of Physics	International	2020	October	--	--	1-8	Y	Y	Y	Y
20	APS2020J020	Khushbu Gupta and Tejpal Singh Chundawat*	APS	Zinc oxide nanoparticles synthesized using fusarium oxysporum to enhance bioethanol production from rice-straw	Biomass and Bioenergy	International	2020	October	143	2020	1-7	Y	Y	Y	N
21	APS2020J021	Shridhar*, Sanjay Yadav, Phool Singh, Jyotsana Singh and A.K Yadav	APS	Optimization of discharge patterns in parkinson condition in subthalamic nucleus model of basel ganglia using particle swarm optimization	Advances in Mathematics: Scientific Journal	International	2020	May	9	5	3135-3153	N	Y	Y	N
22	APS2020J022	Eduardo Hernandez*, Jianhong Wu and Alka Chadha	APS	Existence, uniqueness and approximate controllability of abstract differential equations with state-dependent delay	Journal of Differential Equations	International	2020	June	269	10	8701-8735	Y	Y	Y	N
23	APS2020J023	Deepika Gaur, Sunita Sharma* and Dharendra Kumar Sharma	APS	Temperature dependent structural, electrical and optical properties of methyl ammonium lead iodide thin films for photovoltaic applications	Solid State Technology	International	2020	November	63	2s	5575-5585	N	Y	Y	N
24	CEE2020J001	Monica Malhotra, Vaishali Sahu, Amit Srivastava and Anil Kumar Misra*	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

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25	CEE2020J002	Vaishali Sahu*, Rounak Attri, Prashast Gupta and Rakesh Yadav	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
26	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
27	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
28	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
29	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
30	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
31	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
32	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
33	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	January	52	103	1-21	Y	Y	Y	N
34	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
35	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
36	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	Discontinued by Scopus June 2020 List	N	N

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37	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
38	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
39	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
40	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
41	CSE2020J013	Shivam Taneja*,Srishti Sharma ,Surbhi Babbar ,Anuradha and Yogita Gigras	CSE	WTAS: A cost-effective smart tinkering lab automation system	International Journal of Computer Science Engineering	International	2020	February	9	1	50-59	N	N	Y	N
42	CSE2020J014	Manit Kakkar, Elisha Agarwal and Shaveta Arora*	CSE	Epidemiological covid-19 outbreak prediction and analysis using machine learning	International Journal of Advance Research and Innovation	International	2020	June	8	2	119 - 124	N	N	Y*	N
43	CSE2020J015	Pankaj Rakheja*, Phool Singh and Rekha Vig	CSE	An asymmetric image encryption mechanism using QR decomposition in hybrid multi-resolution wavelet domain	Optics and Lasers in Engineering	International	2020	June	134	106177	--	Y	Y	Y	N
44	CSE2020J016	Pankaj Rakheja*, Phool Singh and Rekha Vig	CSE	Double image encryption scheme for iris template protection using 3D Lorenz system and modified equal modulus decomposition in hybrid transform domain	Journal of Modern Optics	International	2020	May	67	7	1-14	Y	Y	Y	N
45	CSE2020J017	Madhu Kumari*, Vijendra Singh and Prachi Ahlawat	CSE	Automated decision support system for breast cancer prediction	International Journal on Emerging Technologies	International	2020	August	11	4	193-201	N	Y	Y	N
46	CSE2020J018	Hitesh Yadav*, Rita Chhikara and Charan Kumari	CSE	Hybrid model using firefly and bbo for feature selection in software product line	Recent Advances in Computer Science and Communications Formerly: Recent Patents on Computer Science	International	2020	July	12	--	--	N	Y	N	N
47	CSE2020J019	Hitesh Yadav *, Rita Chhikara and A. Charan Kumari	CSE	A novel hybrid approach for feature selection in software product lines	Multimedia Tools and Applications	International	2020	October	--	--	--	Y	Y	Y	N
48	CSE2020J020	Monika Lamba*, Geetika Munjal and Yogita Gigras	CSE	Computational studies on breast cancer analysis	Journal of Statistics and Management Systems	International	2020	September	--	--	--	Y	N	Y	N
49	CSE2020J021	Shradha Singh Parihar and Nitin Malik*	CSE	Optimal allocation of renewable DGs in a radial distribution system based on new voltage stability index	International transactions on Electrical Energy Systems	International	2020	April	30	4	1-19	Y	Y	Y	N

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50	CSE2020J022	Shradha Singh Parihar and Nitin Malik*	CSE	Optimal integration of multi-type DG in RDS based on novel stability index with future load growth	Evolving Systems	International	2020	October	--	--	--	Y	Y	N	N
51	CSE2020J023	Priyanka Verma*, Anjali Goyal and Yogita Gigras	CSE	Email phishing: text classification using natural language processing	Computer Science and Information Technologies	International	2020	May	1	1	1-12	N	N	Y	N
52	CSE2020J024	Neeti Kashyap*, A. Charan Kumari and Rita Chhikara	CSE	A hybrid hyper-heuristic flower pollination algorithm for service composition problem in IoT	Recent Advances in Computer Science and Communications Formerly: Recent Patents on Computer Science	International	2020	November	12	1	--	N	Y	Y*	N
53	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
54	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
55	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
56	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
57	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
58	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
59	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	--	Y	N	N	N
60	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	--	--	--	Y	Y	N	N
61	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
62	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

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63	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
64	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
65	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	February	--	--	001-017	Y	Y	Y	N
66	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
67	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	December	--	--	published online	Y	Y	Y	N
68	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	January	8	2	392-399	N	N	Y	N
69	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
70	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
71	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
72	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
73	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
74	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

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75	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
76	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
77	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
78	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
79	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
80	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
81	SOL2020J001	Unanza Gulzar	SOL	Vanishing Themes of Indian Victim Compensation Law: An Exploration	Journal of Victimology and Victim Justice	International	2019	August	2	2	1-10	N	N	Y	N
82	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
83	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
84	SOL2020J004	Himagshu Rathee	SOL	Mobile medi-care for the elderly in india: a critical review	Help Age India Research & Development Journal	National	2019	May	25	2	39-46	N	N	N	N
85	SOL2020J005	Pallavi Bajpai* and Ruchika Sharma	SOL	Womanhood vis-à-vis the right to termination of prganancy: A constitutional framework	Pragyan: Journal of Law	National	2020	June	10	1	116-122	N	N	N	N
86	SOL2020J006	Ayushi Aggarwal	SOL	Policy reforms: Re-visiting the criminal sentencing system in india	Parishodh Journal	International	2020	March	9	3	4378-4386	N	N	N	N
87	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
88	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

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89	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
90	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
91	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
92	SOM2020J006	Poonam Arora*	SOM	Redesigning human resource management system through cloud computing:A strategic approach	Journal of Technology Management for growing Economics	National	2019	October	10	2	73-79	N	N	Y	N
93	SOM2020J007	Nitika Kaushik* and Poonam Arora	SOM	Performance appraisal in the era of new no	Journal of Technology Management for Growing Economics	National	2020	April	11	1	11-15	N	N	Y	N
94	SOM2020J008	Swaranjeet Arora and Shakuntla Jain*	SOM	Entrepreneurial intention among medical students: a comparative study	Prestige International Journal of Management and Research	International	2020	January	11	3	54-60	N	N	Y*	N
95	SOM2020J009	Shakuntla Jain and Swaranjeet Arora*	SOM	Attitude towards Entrepreneurship among Engineering Students - A Comparative Study	Review of Professional Management	National	2020	June	18	1	39-47	N	N	Y*	N
96	SOM2020J010	Parul Munjal* and Deergha Sharma	SOM	Environmental performance and linkage with financial performance : analysis of indian private and public sector banks	Vivekanand Journal of Research	International	2020	June	9	1	125-133	N	N	Y*	N
97	SOM2020J011	Shilpa Sindhu*	SOM	Cause-related marketing — an interpretive structural model approach	Journal of Nonprofit and Public Sector Marketing	International	2020	September	--	--	--	Y	Y	Y	N
98	SOM2020J012	Pawan Kumar*, Deergha Sharma and Ramkaran Singh	SOM	Financial performance valuation of commercial banks by AHP: An evidence from India	Pacific Business Review International	International	2020	June	12	12	21-38	Y	N	Y*	N
99	SOM2020J013	Deergha Sharma*	SOM	Predicting the antecedents of mobile banking acceptance in India by structural equation modelling	Pacific Business Review International	International	2020	June	12	12	96-106	Y	N	Y*	N
100	SOM2020J014	Ayush Gautum*, Ravi Shankar and Prem Vrat	SOM	End-of-life solar photovoltaic e-waste assessment in India: A step towards a circular economy	Sustainable Production and Consumption	International	2020	September	26	--	65-77	Y	Y	N	N
101	SOM2020J015	Neeta Sharma* and Prem Vrat	SOM	Inventory models with stock dependent demand: A comprehensive review and its linkage with waste management	International Journal of Inventory Research	International	2020	September	5	2	112-152	N	N	Y*	N

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102	SOM2020J016	Neeta Sharma* and Prem Vrat	SOM	Impact of Various factors on stock - induced food waste in Indian wedding	Journal of Advances in Management Research	International	2018	February	15	1	37-57	Y	Y	Y	N
103	SOM2020J017	Neetu Chillar* and Swaranjeet Arora	SOM	Basic financial literacy of salaried people in Delhi NCR: A comparative study	Prestige International Journal of Management and IT- Sanchayan	International	2020	June	9	1	36-50	N	N	Y*	N
104	SOM2020J018	Ruchi Nayyar* and Poonam Arora	SOM	Modelling the impact of demographic variables on employee motivation levels in automobile industry	Indian Journal of Computer Science	National	2020	Jan-Feb	5	1	11-17	N	N	Y	N
105	SOM2020J019	Nitika Kaushik* and Poonam Arora	SOM	Digitized performance appraisal process: A case of brakes india	Journal of Strategy and Performance Management	National	2020	April	8	2	64-78	N	N	Y*	N
106	SOM2020J020	Neeta Sharma* and Prem Vrat	SOM	Impact of product-package design on material waste due to stock-induced consumption phenomenon	International Journal of Industrial and Systems Engineering	International	2020	November	36	2	197-211	N	Y	Y*	N

Conference Proceedings (January-December 2020)

Sr. No.	PCN	Name of Authors in the sequence as mentioned in Conference Proceedings	Deptt.	Title of Paper	Proceedings of	International/ National	Venue Details for Conference	Year	Month in which published	Dates	Publishers	Page no.	Mention if indexed in WOS/Scopus/ Thomson Reuter /Elsevier
1	APS2020P001	Indu Bala* and Anupam Yadav	APS	Optimal reactive power dispatch using gravitational search algorithm to solve IEEE-14 bus system	International Conference on Communication and Intelligent Systems (ICCIS 2019) (Part of the Lecture Notes in Networks and Systems)	International	Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur	2019	Apr-20	9-10th Nov, 2019	Springer	463-473	Scopus
2	APS2020P002	Priyanka Maana*, Hukum Singh and A Charan Kumari	APS	Symmetric cryptosystem to secure images utilizing chaotic deterministic phase mask in Fresnel transform domain employing singular value decomposition	Procedia Computer Science (ICCIDIS 2019)	International	The NorthCap University, Gurugram	2020	April	6th-07th September, 2019	ELSEVIER	860-869	Scopus
3	APS2020P003	Shivani Yadav and Hukum Singh*	APS	Cryptosystem based on hybrid chaotic structured phase mask and hybrid mask using gyrator transform	Proceedings of International Artificial Intelligence and Applications, Advances In Intelligent System and Computing (Part of the Advances in Intelligent Systems and Computing book series)	International	Maharaja Suraj Mal Engg College, Delhi India	2020	Jul-20	6-7 Feb	Springer	103-111	Scopus
4	APS2020P004	Shivani Yadav and Hukum Singh*	APS	Asymmetric cryptosystem using structured phase masks in discrete cosine and fractional fourier transforms	Proceedings of International Conference on Trends in Computational and Cognitive Engineering (Part of the Advances in Intelligent Systems and Computing book series)	International	International Conference on Trends in Computational and Cognitive Engineering at Central University of Haryana, Mahendragarh	2019	October	Nov.28-30 2019	Springer	27-39	SCOPUS and Google scholar
5	APS2020P005	Sanjay Yadav* and Gaurav Gupta	APS	Far-field behavior for study strong non-planer shock waves in magnetogasdynamics	Proceedings of International Conference on Trends in Computational and Cognitive Engineering (Part of the Advances in Intelligent Systems and Computing book series)	International	International Conference on Trends in Computational and Cognitive Engineering at Central University of Haryana, Mahendragarh	2019	October	Nov.28-30 2019	Springer	305-315	SCOPUS and Google scholar
6	APS2020P006	Priyanka Maana*, Hukum Singh and A Charan Kumari	APS	Recent Trends on Optical Image Encryption	5th International Conference on Computing for Sustainable Global Development	International	Bharati Vidyapeeth's institute of computer application and Management (BVICAM) New Delhi 14th-16 march 2018	2018	Oct	14th-16 March 2018	Proceedings of the 12th INDIACom	4584-4589	NA
7	CEE2020P001	Javed Mallick* and Ram Karan Singh	CEE	Inter-seasonal variations of surface temperature and vegetation cover using thermal remote sensing data	8th International Conference on Fusion of Science and Technology (ISFT-2020)	International	YMCA, Faridabad, India	2020	January	06-10 Jan, 2020	--	--	NA
8	CSE2020P001	Prerna Singal*, A. Charan Kumari and Prabha Sharma	CSE	Estimation of software development effort: A differential evolution approach	Procedia Computer Science (ICCIDIS 2019)	International	The NorthCap University	2019	April	NA	ELSEVIER	2643 - 2652	SCOPUS and Google scholar
9	CSE2020P002	Monika yadav and Manvi breja*	CSE	Secure DNA and morse code based profile access control models for cloud computing environment	Procedia Computer Science (ICCIDIS 2019)	International	The NorthCap University	2019	April	7-7 September 2019	Procedia computer Science, Elsevier	2590-2598	SCOPUS and Google scholar
10	CSE2020P003	Hitesh Yadav*, Rita Chhikara and A Charan Kumari	CSE	Feature selection optimization of healthcare software product line using BBO	Procedia Computer Science (ICCIDIS 2019)	International	The NorthCap University	2019	April	16-Apr-20	Elsevier	1696-1704	SCOPUS and Google scholar

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11	CSE2020P004	Neeti Kashyap*, A. Charan Kumari and Rita Chhikara	CSE	Multi-objective optimization using NSGA II for service composition in IoT	Procedia Computer Science (ICCIDIS 2019)	International	The NorthCap University	2019	May	6-7th Sept 2020	Elsevier B.V	1928–1933	SCOPUS and Google scholar
12	CSE2020P005	Pameela Dhaliwal, Ajay Kumar and Poonam Chaudhary*	CSE	An approach for concept drifting streams: Early dynamic weighted majority	Procedia Computer Science (ICCIDIS 2019)	International	The NorthCap University	2019	May	6-7th Sept 2021	Elsevier B.V	2653-2661	SCOPUS and Google scholar
13	CSE2020P006	Sumit Kumar and Ravi Shanker*	CSE	Understanding the behaviour of privacy in mobile apps and detecting privacy leaks	2nd International Conference on Intelligent Computing, Instrumentation and Control Technologies (ICICICT)	International	Kannur, Kerala, India	2019	February, 2020	NA	IEEE	662	Google Scholar
14	CSE2020P007	Deepika Bansal, Kavita Khanna*, Rita Chhikara, Rajeev Malhotra and Rakesh Kumar Dua	CSE	Classification of magnetic resonance images using bag of features for detecting dementia	Procedia Computer Science (International Conference on Computational Intelligence and Data Science - ICCID- 2019)	International	The NorthCap University	2019	Jan. 2020	6-7 Sep 2019	Procedia Computer Science	131-137	Scopus
15	CSE2020P008	Jyotika Pruthi, Shaveta Arora* and Kavita Khanna	CSE	Segmentation of blood vessels from retinal fundus images using bird swarm algorithm and river formation dynamics algorithm.	International Conference on Intelligent Computing and Smart Communication 2019 (Part of the Algorithms for Intelligent Systems book series)	International	THDC Institute of Hydropower Engineering and Technology, Tehri, India	2019	March	April 20, 21, 2019	Springer, Singapore	995-1007	Google Scholar
16	CSE2020P009	Vaishali Kalra, Srishti Sharma* and Poonam Chaudhary	CSE	Depression detection in cancer communities using affect analysis	Proceedings of MRCN 2020 "Mobile Radio Communications and 5G Networks (Part of the Lecture Notes in Networks and Systems book series)	International	University Institute of Engineering and Technology, Kurukshetra University, Kurukshetra.	2020	Sep-20	July 13-15, 2020	Spinger	649-657	Scopus
17	ECE2020P001	Raisy C D, Sharda Vashisth* and Amitava Sen Gupta	EECE	Soil moisture content detection based on GNSS-Reflectometry	2019 IEEE Recent Advances in Geoscience and Remote Sensing : Technologies, Standards and Applications (TENGARSS)	International	Hotel Grand Hyatt, Kochi, Kerala India	2019	October	17-20	IEEE	112-115	Google Scholar
18	ECE2020P002	Anu Arora*, S. Dakkumalla, T.S. Ganesh, Sharda Vashisth and Amitava Sen Gupta	EECE	Estimation of total electron content using NAVIC signals	URSI Regional Conference on Radio Science (URSI-RCRS)	International	BHU, Varanasi, India	2020	Feb. 2020, Added to IEEE Xplore: 11 June 2020	Dec-14	IEEE	1-7	NA
19	ECE2020P003	Kartikay Saini*, Raisy CD, Preeti, Sharda Vashisth and Amitava SenGupta	EECE	A comparative study of position uncertainty in NAVIC and GPS	URSI Regional Conference on Radio Science (URSI-RCRS)	International	BHU, Varanasi, India	2020	Feb. 2020, Added to IEEE Xplore: 11 June 2020	Dec-14	IEEE	1-3	NA
20	ECE2020P004	Aakriti khanna*, Anjali garg and Alka Singh	EECE	Maintenance of DC link voltage using synchronous reference frame theory	3rd International Conference on Recent Developments in Control, Automation & Power Engineering (RDCAPE-2019)	International	Amity University, Noida	2019	Added to IEEE Xplore6.2. 2020	10-Nov	IEEE	17-21	NA

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21	MED2020P001	Anmol Bhatia* and Reeta Wattal	ME	Friction stir welding of carbon steel: Effect on microstructure and tensile strength	Materials Today: Proceedings	International	10th International Conference on Materials Processing and Characterization February - 2020, GLA Mathura	2020	February	21-23 Feb 2020	Elsevir	Not Assigned	Scopus

Books (January-December 2020)

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1	CSE2020B001	Surbhi Bhatia, Poonam Chaudhary and Nilajan Dey*	CSE	Opinion Mining in Information Retrieval Part of the SpringerBriefs in Applied Sciences and Technology book series (BRIEFSAPPLSCIENCES) Also part of the SpringerBriefs in Computational Intelligence book sub series (BRIEFSINTELL)	Springer	International	2020	July	NA	978-981-15-5042-3	Scopus
2	CSE2020B002	Rita Chhikara* and Yashasvi Chhikara	CSE	Impact of Macroeconomic Factors and Dividend Yield on Bank NIFTY Index Returns	Lambert Academic Publishing	International	2020	July	1-52	978-620-2-67593-2	NA

Book Chapter (January-December 2020)

Sr. No.	PCN	Name of Authors in the sequence as mentioned in Book Chapter	Deptt.	Chapter No.	Chapter Title	Book Title	Publisher	International/ National	Year	Month in which published	Page No.	Book ISBN No.	Mention if indexed in WOS/Scopus/ Google Scholar/ Thomson Reuter /Elsevier
1	CEE2020BC001	Mohammed Mujeeb*, Venkata Dilip Kumar Pasupuleti, and Archanaa Dongre	CEE	17	Effect of vehicle impact on reinforced concrete structures	Advances in Structural Engineering: Select Proceedings of FACE 2019 (Part of the Lecture Notes in Civil Engineering book series)	Springer Nature Singapore Pte Ltd. 2020	International	2020	Jun-20	195-204	978-981-15-4079-0	Scopus
2	CSE2020BC001	Deepika Bansal*, Kavita Khanna, Rita Chhikara, Rakesh Kumar Dua and Rajeev malhotra	CSE	66	A study on dementia using machine learning technique	Communication & Computing Systems (Proceedings of the 2nd International conference on Communication and Computing Systems (ICCS 2018))	CRC Press - Taylor & Francis	International	2019	October	414-420	978-0-367-00147-6	Google Scholar
3	CSE2020BC002	Neeti Kashyap*, A. Charan Kumari and Rita Chhikara	CSE	32	Service composition in IoT - A review	Intelligent data communication technologies and internet of things ICICI 2019 (Part of Lecture notes on data engineering and communications technologies book series)	Springer nature switzerland AG 2020	International	2020	November	287-291	978-3-030-34080-3	Google Scholar
4	CSE2020BC003	Namita and Prachi*	CSE	12	PE file-based malware detection using machine learning	Proceedings of International Conference on Artificial Intelligence and Applications (Part of the Advances in Intelligent Systems and Computing book series)	Springer	International	2020	July	113-123	978-981-15-4992-2	Scopus
5	CSE2020BC004	Poonam Chaudhary* and Rashmi Agrawal	CSE	10	Brain computer interface: a new pathway to human brain	Cognitive Computing in Human Cognition (Part of the Learning and Analytics in Intelligent Systems book series)	Springer	International	2020	July	99-125	978-303-04-8117-9	Google Scholar
6	CSE2020BC005	Ankita Gupta*, Rita Chhikara and Prabha Sharma	CSE	14	Comparing classifiers for universal steganalysis	Data Science and Analytics International Conference on Recent Developments in Science, Engineering and Technology REDSET 2019 (Part of the Communications in Computer and Information Science book series)	Springer	International	2020	May	161-169	978-981-15-5827-6	Scopus
7	CSE2020BC006	Monika Arora* and Yogita Gigras	CSE	1	Security, privacy, forensics analysis for smartphones.	Forensic Investigations and Risk Management in Mobile and Wireless Communications	IGI Global	International	2020	January	1-25	978-152-25-9554-0	Google Scholar
8	ECE2020BC001	Manju Dabass*, Sharda Vashisth and Rekha Vig	EECE	Part 1	Effect analysis of contrast enhancement techniques on cancer classification in colon histopathology images using machine learning.	Data Science and Analytics (Part of the Communications in Computer and Information Science book series)	Springer, Singapore	International	2020	June	103-119	978-981-15-5826-9	Scopus
9	ECE2020BC002	Kartikay Saini, Pankaj, Raisy CD, Preeti, Sharda Vashisth* and Amitava SenGupta	EECE	Part 1	Preliminary evaluation of navigation and timing capability of IRNSS/NAVIC at the northcap university	Data Science and Analytics (Part of the Communications in Computer and Information Science book series)	Springer, Singapore	International	2020	June	365-374	978-981-15-5826-9	Scopus

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10	ECE2020BC003	Anjali Garg*, Vibhu Mehta , Shubham Soni, Ritika Sharma, Himanshu Goyal and Divyam Sachdeva	EECE	Part 1	Innovative smart hoisting assistance	Data Science and Analytics (Part of the Communications in Computer and Information Science book series)	Springer, Singapore	International	2020	June	328-338	978-981-15-5826-9	Scopus
11	ECE2020BC004	Dabass, Jyoti*, Madasu Hanmandlu and Rekha Vig	EECE	Part 1	Segmentation of breast density using k-means clustering algorithm.	Data Science and Analytics (Part of the Communications in Computer and Information Science book series)	Springer, Singapore	International	2020	July	305-315	978-981-15-5826-9	Scopus
12	MED2020BC001	Anmol Bhatia*, Mayank Juneja and Nikhil Juneja	ME	34	Optimization of input parameters for CNC turning of SS304: A grey relational analysis and response surface methodology approach	Advances in Production and Industrial Engineering Select Proceedings of ICETMIE 2019. Lecture Notes in Mechanical Engineering.	Springer, Singapore	International	2020	September	455-467	978-981-15-5518-3	Scopus
13	MED2020BC002	Gurjot Singh, Dinesh, Sarbjeet Kaushal* and Satnam Singh	ME	33	Effect of power level on the processing of ni-based casting through microwave heating	Advances in Production and Industrial Engineering Select Proceedings of ICETMIE 2019. Lecture Notes in Mechanical Engineering.	Springer, Singapore	International	2020	September	445-453	978-981-15-5518-3	Scopus
14	SOL2020BC001	Unanza Gulzar	SOL	6	A Critical Appraisal of Crime over Social Networking Sites in the Context of India: Social Networking Sites	New Media and Visual Communication in Social Networks	IGI GLOBAL	International	2020	January	93-112	9781799810452	Google Scholar
15	SOL2020BC002	Unanza Gulzar	SOL	5	Problems faced by E-commerce Transactions with Special Emphasis on Digital Economy in Indian and European Union	Impact of Mobile Services on Business Development and E-commerce	IGI GLOBAL	International	2020	January	89-107	978-179-98-0050-7	Google Scholar
16	SOL2020BC003	Unanza Gulzar	SOL	1	Critical evaluation of law on traditional knowledge	Intellectual Property Rights and Protection of Traditional Knowledge	IGI Global	International	2020	July	1-27	978-179-98-1836-6	Google Scholar
17	SOL2020BC004	Unanza Gulzar* and Garima Lakhmani	SOL	46	A precarious assessment of internet privacy in india with special reference to Covid-19	Global, Economic Order in the Post Covid-19 Era, Challenges, Opportunities and Strategies	Maharaja Agrasen University Publication	National	2020	August	362- 370	978-81-942547-3-7	NA
18	SOM2020BC001	Esha Jain	SOM	7	Digital employability skills and training needs for the indian healthcare industry	Opportunities and Challenges in Digital Healthcare Innovation	IGI Global	International	2020	June	113-130	978-179-98-3274-4	Google Scholar

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19	SOM2020BC002	V. Kumar*, R. Shankar and Prem Vrat	SOM	44	Ranking the barriers of industry 4.0 for indian manufacturing sector	Advances in Mechanical Engineering in the Era of New Technologies	Siksha 'O' Anusandhan	National	2020	September	422-433	978-81-930417-3-4	NA