

Journals (January to December 2022)

S.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	APS2022J001	Yachana Gupta , Kalpana and Aditya Sharma Ghrera*	APS	Electrochemical studies of lateral flow assay test results for procalcitonin detection	Journal of Electrochemical Science and Engineering	International	2021	November	-	-	-	Y	Y	Y	N
2	APS2022J002	Astha Chauhan*	APS	Shock waves propagation in a non-ideal rotating medium with azimuthal magnetic field effect using lie group technique	Physics of Fluids	International	2022	January	34	1	17101	Y	Y	Y	N
3	APS2022J003	Sarita Yadav* and Ambika sharma	APS	Recent advancements of metal oxides/Nitrogen-doped graphene nanocomposites for supercapacitor electrode materials	Journal of Energy Storage	International	2020	April	30	-	101486 (1-12)	Y	Y	Y	N
4	APS2022J004	Sarita Yadav* , and Ambika sharma	APS	Importance and challenges of hydrothermal technique for synthesis of transition metal oxides and composites as supercapacitor electrode materials	Journal of Energy Storage	International	2021	October	44	Part A	103295 (1-16)	Y	Y	Y	N
5	APS2022J005	Reena Gadhwa and Ambika Devi*	APS	A review on the development of optical limiters from homogeneous to reflective 1-D photonic crystal structures	Optics and Laser Technology	International	2021	May	141	-	107144 (1-15)	Y	Y	Y	N
6	APS2022J006	Reena Gadhwa* , Parul Kaushik and Ambika Devi	APS	A review on 1D photonic crystal based reflective optical limiters	Critical Reviews in Solid State and Materials Sciences	International	2022	February	-	-	-	Y	Y	Y	N
7	APS2022J007	Sachin Kumar, Shubham Kumar Dhiman and Astha Chauhan*	APS	Symmetry reductions, generalized solutions and dynamics of wave profiles for the (2+1)-dimensional system of Broer–Kaup–Kupershmidt (BKK) equations	Mathematics and Computers in Simulation	International	2022	February	196	1	319-335	Y	Y	Y	N
8	APS2022J008	Sourav Ghosh, Sarita Yadav , Ambika Sharma and Tiju Thomas*	APS	Techno-economic understanding of Indian energy-storage market: a perspective on green materials-based supercapacitor technologies	Renewable and Sustainable Energy Reviews	International	2022	April	161	-	112412 (1-21)	Y	Y	Y	N
9	APS2022J009	Nita Samantaray , Bhaskar Parida, Tetsuo Soga, Ambika Sharma, Avinashi Kapoor, Adel Najar and Arjun Singh*	APS	Recent developments and direction in printed perovskite solar cell	Physica Status Solidi (A)	International	2022	January	219	6	2100629 (1-16)	Y	Y	Y	N
10	APS2022J010	Bhaskar Parida, Arjun Singh , Abdul Kareem Kalathil Soopy, Sambasivam Sangaraju, Madhulita Sundaray, Satrujit Mishra, Shengzhong Liu* and Adel Najar*	APS	Recent developments in upscalable printing techniques for perovskite solar cells	Advanced Science	International	2022	March	9	-	2200308 (1-23)	Y	Y	Y	N
11	APS2022J011	Arjun Singh , Bhaskar Parida, Munsik Oh, Seonghoon Jeong, Kwang-Soon Ahn and Hyunsoo Kim*	APS	Low-temperature processed nickel oxide hole-transporting layer for perovskite solar cell	Journal of the Korean Physical Society	International	2022	March	80	-	981-985	Y	Y	Y	N
12	APS2022J012	Astha Chauhan* and Rajan Arora	APS	Invariance analysis and some new exact analytic solutions of the time-fractional coupled Drinfeld-Sokolov-Wilson equations	Communications in Mathematics	International	2022	May	30	1	63-80	N	Y	Y	N
13	APS2022J013	Renu Yadav , Tejpal S Chundawat* , Praveen K. Suroia and Dipti Vaya*	APS	Photocatalytic degradation of textile dyes using β -CD-CuO/ZnO nanocomposite	Journal of Physics and Chemistry of Solids	International	2022	March	165	12	001-008	Y	Y	Y	N
14	APS2022J014	Akhil Mahajan and Tejpal Singh Chundawat*	APS	Synthesis and antimalarial activity of 7-chloro-4-(4-(2-(Oxo, hydroxyl & fluoro-2-1 (4-phenyl)ethyl)piperazin- 1-yl) quinoline derivatives	Biointerface Research in Applied Chemistry	International	2021	December	12	6	7957-7971	Y	Y	Y	N

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15	APS2022J015	Nidhi Verma , Tejpal S. Chundawat , Praveen K. Suroolia and Dipti Vaya*	APS	Photocatalytic reduction of Cr VI by TiO2/GO nanocomposite	ChemistrySelect	International	2022	June	7	e202201275	1-4	Y	Y	Y	N
16	APS2022J016	Renu Yadav , Tejpal S. Chundawat , Praveen K. Suroolia and Dipti Vaya*	APS	Photocatalytic degradation of ortho-nitrophenol using ZnO- β -CD nanocomposite	ChemistrySelect	International	2022	June	7	e202200394	1-6	Y	Y	Y	N
17	APS2022J017	Akhil Mahajan , Harbinder Singh , Amandeep Singh , Devendra K. Agrawal , Amandeep Arora and Tejpal Singh Chundawat*	APS	Trifluoromethylated quinolone-hydantoin hybrids: synthesis and antibacterial evaluation	Sci-MDPI	International	2022	August	4	30	1-15	N	N	Y	N
18	APS2022J018	Shivani Yadav* and Hukum Singh	APS	Image encryption algorithm based on rear-mounted phase mask and random decomposition	Optica Applicata	International	2022	August	52	2	195-212	Y	Y	Y	N
19	APS2022J019	Savitla Anjana* , Pankaj Rakheja , A K Yadav , Phool Singh and Hukum Singh	APS	Asymmetric double image encryption, compression and watermarking scheme based on orthogonal-triangular decomposition with column pivoting	Optica Applicata	International	2022	August	52	2	283-295	Y	Y	Y	N
20	APS2022J020	Anshu Sethi , Deepa Sinha* and Obadullah	APS	Algorithmic approach to find S-consistency in Common-Edge signed graph	MethodsX	International	2022	July	9	101783	-	Y	Y	Y	N
21	APS2022J021	Priyanka Makkar* , Sunil Sikka and Anshu Malhotra	APS	Optimization of software quality attributes using evolutionary algorithm	International Journal of Electrical and Electronics Research	International	2022	May	10	2	131-137	N	N	N	N
22	APS2022J022	Yachana Gupta and Aditya Sharma Ghrera*	APS	Disposable paper-based biosensing platform for procalcitonin detection	Analytical and Bioanalytical Chemistry Research	International	2023	January	10	1	15-23	Y	Y	Y	N
23	APS2022J023	P.N. Agrawal , Ana Maria Acu* , Ruchi Chauhan and Tarul Garg	APS	Approximation of bogel continuous functions and deferred weighted a–statistical convergence by bernstein–kantorovich type operators on a triangle	Journal of Mathematical Inequalities	International	2021	November	15	4	1695-1711	Y	Y	Y	N
24	APS2022J024	Tarul Garg and Pooja Puniyani*	APS	A survey on application of sampling operators in image processing	International Journal of Convergence in Healthcare	International	2022	July	2	2	34-37	N	N	Y	N
25	APS2022J025	R.Girija* , Hukum Singh and G. Abirami	APS	Cryptanalysis of DRPE using complex S-Box based on linear canonical transform	Multimedia Tools and Applications	International	2022	September	-	-	1-16	Y	Y	Y	N
26	APS2022J026	Reena Gadhwal , Hukum Singh* , Ambika Devi* and Kapil Kumar	APS	Tunable luminescence and nonlinear optical properties of nano colloidal Ge20Te75Bi5 chalcogenide glass	Optics and Laser Technology	International	2022	September	157	-	108665 (1-6)	Y	Y	Y	N
27	APS2022J027	Kapil Shankar Gaur* , Hukum Singh and Seema Thakran	APS	Asymmetric cryptosystem using QZ modulation with SPM in fresnel domain	Journal of Optics (India)	International	2022	October	-	-	-	Y	Y	Y	N
28	APS2022J028	Yachana Gupta and Aditya Sharma Ghrera*	APS	Reduced graphene oxide-gold nanoparticle nanohybrid modified cost-effective paper-based biosensor for procalcitonin detection	ChemistrySelect	International	2022	November	7	41	e202202642	Y	Y	Y	N
29	APS2022J029	Sarita Yadav* , Aditya Sharma Ghrera , Ambika Devi	APS	A novel composite based on NiCo2O4@NG/MnOOH nanorods for high-performance supercapacitor electrodes	Journal of Energy Storage	International	2022	November	56	105949	-	Y	Y	Y	N

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30	APS2022J030	Sarita Yadav* , Aditya Sharma Ghrera , Ambika Devi , Abhimanyu Singh Rana*	APS	Crystalline flower-like nickel cobaltite nanosheets coated with amorphous titanium nitride layer as binder-free electrodes for supercapacitor application	Electrochimica Acta	International	2022	November	437	141526	-	Y	Y	Y	N
31	APS2022J031	Savita Arjana* , A K Yadav , Phool Singh and Hukum Singh	APS	Audio and image encryption scheme based on QR decomposition and random modulus decomposition in Fresnel domain	Optica Applicata	International	2022	October	52	3	359-374	Y	Y	Y	N
32	APS2022J032	Hukum Singh* , V. Tirth , R. K. Singh , A. Algahtani and S. Islam	APS	Designing of an optical vortices phase mask and used in the frequency domain of linear canonical transform for double image encryption	Imaging Science Journal	International	2022	November	-	-	1-17	Y	Y	Y	N
33	CEE2022J001	Aman Garg* , Mohamed-Ouejdi Belarbi , Li Li and Abdelouahed Tounsi	CEE	Bending analysis of power-law sandwich FGM beams under thermal conditions	Advances in Aircraft and Spacecraft Science	International	2022	June	9	3	243-261	Y	Y	Y	N
34	CEE2022J002	Aman Garg* , Mohamed-Ouejdi Belarbi , Abdelouahed Tounsi , Li Li , Ankit Singh and Tanmoy Mukhopadhyay	CEE	Predicting elemental stiffness matrix of FG nanoplates using Gaussian Process Regression based surrogate model in framework of layerwise model	Engineering Analysis with Boundary Elements	International	2022	August	143	-	779-795	Y	Y	Y	N
35	CEE2022J003	Aman Garg* , Paratibha Aggarwal , Yogesh Aggarwal , M.O. Belarbi , H.D. Chalak , Abdelouahed Tounsi and Reeta Gullia	CEE	Machine learning models for predicting the compressive strength of concrete containing nano silica	Computers and Concrete	International	2022	July	30	1	33-42	Y	Y	Y	N
36	CEE2022J004	Vaishali Sahu* and Prashant Kumar	CEE	Potential use of treated sewage in concrete to meet water crises in megacities	Proceedings of Institution of Civil Engineers: Waste and Resource Management	International	2022	September	-	-	-	Y	Y	Y	N
37	CEE2022J005	Lokesh Choudhary* , Shubham Bansal , Megha Kalra and Lokesh Dagar	CEE	Mechanical evaluation of recycled aggregate mixes and its application in reclaimed asphalt pavement (RAP) stretch	Beni-Suef University Journal of Basic and Applied Sciences	International	2022	October	11	-	127	Y	Y	Y	N
38	CEE2022J006	Aman Garg* , T. Mukhopadhyay , H.D. Chalak , M.O. Belarbi , L.Li and R. Sahoo	CEE	Multiscale bending and free vibration analyses of functionally graded graphene platelet/fiber composite beams	Steel and Composite Structures	International	2022	September	44	5	693-706	Y	Y	Y*	N
39	CEE2022J007	M.O. Belarbi* , A.A. Daikh , Aman Garg , Hicham Hirane , M.S.A. Houari , O. Civalak and H.D. Chalak	CEE	Bending and free vibration analysis of porous functionally graded sandwich plate with various porosity distributions using an extended layerwise theory	Archives of Civil and Mechanical Engineering	International	2022	October	-	-	1-24	Y	Y	Y	N
40	CEE2022J008	Aman Garg* , T. Mukhopadhyay , M.O. Belarbi , H.D. Chalak , L. Li , A. Singh and A.M. Zenkour	CEE	On accurately capturing the through-thickness variation of transverse shear and normal stresses for composite beams using FSDT coupled with GPR	Composite Structures	International	2022	December	-	-	1-26	Y	Y	Y	N
41	CLL2022J001	Komal Bhatt* and Divyabha Vashisth	CLL	Caste turbulence in dalit literature- rise of dalit feminism.	Research Journal of English	International	2021	December	6	3	276-282	N	N	Y*	N
42	CLL2022J002	Savita Boral* and Divyabha Vashisth	CLL	Mapping the subaltern in the selected plays of Mahesh Dattni	International Journal of English and Studies	International	2021	December	3	12	56-60	N	N	Y*	N
43	CLL2022J003	Richa Sharma* and Shrutimita Mehta	CLL	A dialogue with spices: An eco-critical analysis of diasporic sensibility in Divakaruni's Mistress of Spices	GAP BODHI TARU - A Global Journal of Humanities	National	2022	May	5	2	124	N	N	Y*	N
44	CLL2022J004	Nimisha Yadav* and Shrutimita Mehta	CLL	Through the lens of satyajit ray: An exploratory insight into pather panchali	Gap Bodhi Taru a Global Journal of Humanities	International	2022	July	5	2	25-28	N	N	Y*	N
45	CLL2022J005	Payal Khurana	CLL	Challenges and advantages of literary translations: an overview	Gap Bodhi Taru	International	2021	July-September	4	3	1-3	N	N	Y	N
46	CLL2022J006	Payal Khurana	CLL	Contemporary society in quest for order in anarchy in nathanael west's the drem lofe of balso snell	Literary Voice	International	2022	March	1	17	42-47	Y	N	N	N

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47	CSE2022J001	Shaveta Arora*, Renu Vadhera and Bharti Chugh	CSE	A decision making system for corona prognosis using fuzzy inference system	Journal of Fuzzy Extensions and Applications	International	2021	December	2	4	344-354	N	N	Y	N
48	CSE2022J002	Deepika Bansal, Kavita Khanna*, Rita Chhikara, Rakesh Kumar Dua and Rajeev Malhotra	CSE	Superpixel powered autoencoder technique for detecting dementia	Expert Systems	International	2021	December	e12926	-	1 - 13	Y	Y	Y	N
49	CSE2022J003	Deepika Bansal, Kavita Khanna*, Rita Chhikara, Rakesh Kumar Dua and Rajeev Malhotra	CSE	Towards detecting dementia via deep learning	International Journal of Healthcare Information Systems and Informatics	International	2021	November	16	4	1 - 17	Y	Y	Y	N
50	CSE2022J004	Simar Preet Singh*, Rajesh Kumar , Anju Sharma , S. Raji Reddy and Priyanka Vashisht	CSE	Simulation and Emulation Tools for Fog Computing	Recent Advances in Computer Science and Communications	International	2021	January	13	0	01–08	N	Y	N	N
51	CSE2022J005	Priyanka Rastogi*, Kavita Khanna and Vijendra Singh	CSE	LeuFeat: Deep learning–based feature extractor for the diagnosis of acute leukemia from microscopic images of peripheral blood smear	Computers in Biology and Medicine	International	2022	January	142	-	105236	Y	Y	N	N
52	CSE2022J006	Monika Lamba*, Geetika Munjal and Yogita Gigras	CSE	A MCDM-based performance of classification algorithms in breast cancer prediction for imbalanced datasets	International Journal Intelligent Engineering Informatics	International	2022	February	9	5	425–454	Y	N	N	N
53	CSE2022J007	Jyotika Pruthi, Shaveta Arora* and Kavita Khanna	CSE	Brain tumor segmentation using river formation dynamics and active contour model in magnetic resonance images	Neural Computing and Applications	International	2022	March	-	-	1-10	Y	Y	Y	N
54	CSE2022J008	Ankita Gupta*, Rita Chhikara and Prabha Sharma	CSE	Feature reduction of rich features for universal steganalysis using a metaheuristic approach	International Journal of Computational Science and Engineering	International	2022	April	25	2	211-221	Y	N	Y	N
55	CSE2022J009	Prachi* and Sumit Kumar	CSE	An effective ransomware detection approach in a cloud environment using volatile memory features	Journal of Computer Virology and Hacking Techniques	International	2022	April	18	2	--	Y	Y	Y	N
56	CSE2022J010	Vaishali Kalra*, Rashmi Agarwal and Srishti Sharma	CSE	Domain adaptable model for sentiment analysis	Mechatronic Systems and Control	International	2022	January	50	2	1-6	Y	Y	Y	N
57	CSE2022J011	Bhavana Sharma* and Jaspreet Singh	CSE	Chaos based image encryption techniques: a review	International Research Journal of Engineering and Technology	International	2022	June	9	6	827-835	N	N	Y	N
58	CSE2022J012	Prerna Singal*, Prabha Sharma and A Charan Kumari	CSE	Integrating software effort estimation with risk management	International Journal of System Assurance Engineering and Management	International	2022	April	-	-	1-23	Y	Y	Y	N
59	CSE2022J013	Anshula and Hukum Singh*	CSE	Ensuring security of cryptosystems with DVFM-, modified equal modulus decomposition in the domain of gyrator wavelet transform	Multimedia Tools and Applications	International	2022	August	-	-	1-21	Y	Y	Y	N
60	CSE2022J014	A. R JayaSudha*, Pankaj Dadheech, K. Ramalingeswara Prasad, S. Hemalatha, Meghna Sharma, Sajjad Shaukat Jamal and Daniel Kraih	CSE	Intelligent wearable devices enabled automatic vehicle detection and tracking System with video-enabled UAV networks using deep convolutional neural network and IoT surveillance	Journal of Healthcare Engineering	International	2022	March	2022	-	1-14	Y	Y	Y	N
61	CSE2022J015	Mehak Khurana*	CSE	Secure coding and software vulnerabilities in implementation phase of software development	ECS Transactions, Journal of The Electrochemical Society	International	2022	July	107	1	337-344	N	Y	Y	N
62	CSE2022J016	Rubal Gahlawat*, Sweetey, Shilpa Mahajan and Mehak Khurana	CSE	Super buggy vulnerable website	International Journal of Creative Research Thoughts	International	2021	August	9	8	1-7	N	N	N	N
63	CSE2022J017	Sanya Bindlish*, Sargam Chhabra, Mehak Khurana and Shilpa Mahajan	CSE	Recon tool: an automation of reconnaissance & scanning	International Journal of Creative Research Thoughts	International	2021	August	9	8	99-103	N	N	N	N

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64	CSE2022J018	Shubham Garg, Saurabh Pandey, Sarthak Kaushal, Anuradha Dhull *, Yogita Gigras	CSE	An empirical performance analysis for on road object detection from Traffic videos: An image pre-processing perspective	International Journal of Advanced Engineering Research and Applications	international	2021	May	7	1	10-25	N	N	N	N
65	CSE2022J019	Anuradha Dhull , Akansha Singh*, Krishna Kant Singh	CSE	An intelligent technique for pattern-based clustering of continuous-valued datasets	Cluster computing	international	2022	February	-	-	1-18	Y	Y	Y	N
66	CSE2022J020	Sheila Mahapatra, Nitin Malik , Saurav Raj*, Mohan Krishna Srinivasan	CSE	Constrained Optimal Power Flow and Optimal TCSC Allocation using Hybrid Cuckoo Search and Ant Lion Optimizer	International Journal of System Assurance Engineering and Management	international	2021	September	13	2	721-734	Y	Y	Y	N
67	CSE2022J021	Archana*, Phool Singh and Pankaj Rakheja	CSE	Asymmetric watermarking scheme for color images using cascaded unequal modulus decomposition in fourier domain	Journal of Modern Optics	International	2021	September	68	20	1094-1107	Y	Y	Y	N
68	CSE2022J022	Namita Dabas , Prachi Ahlawat* and Prabha Sharma	CSE	An effective malware detection method using hybrid feature selection and machine learning algorithms	Arabian Journal for Science and Engineering	International	2022	October	47	-	-	Y	Y	N	N
69	CSE2022J023	Poonam Chaudhary* , Yash Vardhan Varshney, Gautam Srivastava and Surbhi Bhatia	CSE	Motor imagery classification using sparse nonnegative matrix factorization and convolutional neural networks	Neural Computing and Applications	International	2022	October	34	19	1-11	Y	Y	Y	N
70	ECE2022J001	Manju Dabass* , Sharda Vashisth and Rekha Vig	EECE	Attention-guided deep atrous-residual u-net architecture for automated gland segmentation in colon histopathology images	Informatics in Medicine Unlocked	International	2021	November	27	100784	1-14	N	Y	Y	N
71	ECE2022J002	Shradha Singh Parihar and Nitin Malik*	EECE	Interval arithmetic power flow analysis of radial distribution system with probabilistic load model and distributed generation	Process Integration and Optimization for Sustainability	International	2021	September	6	-	3-15	Y	Y	Y	N
72	ECE2022J003	Anshul Vats , Mona Aggarwal* and Swaran Ahuja	EECE	Throughput analysis of dual hop hybrid RF-VLC system with wireless energy harvesting	Journal of Optical Communications	International	2022	February	-	-	1-11	N	Y	Y	N
73	ECE2022J004	Swarnajya Deshpande , Prabhakar Sharma, Mona Aggarwal* and Swaran Ahuja	EECE	Mitigating pilot contamination in Rician faded massive MIMO 5G systems using enhanced zero forcing precoding and ring partitioning	Physical Communication	International	2021	December	49	101467	-	Y	Y	Y	N
74	ECE2022J005	Pallavi Asthana* , Madasu Hanmandlu and Sharda Vashisth	EECE	The proposition of possibilistic sigmoid features and the shannon-hanman transform classifier along with the pervasive learning model for the classification of brain tumor using MRI	Multimedia Tools and Applications	International	2022	March	81	-	23913-23939	Y	Y	Y	N
75	ECE2022J006	Rajat Gupta* , Mona Aggarwal and Swaran Ahuja .	EECE	A novel strategy to enhance the quality of service (QoS) for data center traffic in elastic optical networks	Journal of Optical Communications	International	2022	April	-	-	-	N	Y	Y	N
76	ECE2022J007	Shradha Singh Parihar and Nitin Malik*	EECE	Analysing the impact of optimally allocated solar PV-based DG in harmonics polluted distribution network	Sustainable Energy Technologies and Assessments	International	2021	November	49	101784	-	Y	Y	Y	N
77	ECE2022J008	Pallavi Asthana* , Madasu Hanmandlu and Sharda Vashisth	EECE	Brain tumor detection and patient survival prediction using U-Net and regression model	International Journal of Imaging Systems and Technology	International	2022	April	-	-	1-14	Y	Y	Y	N
78	ECE2022J009	Neeraj Kumar Shukla, Abdullilah M. Mayet, Anshul Vats , Mona Aggarwal* , Ram Kumar Raja, Rajesh Verma and M. Abdul Muqteet	EECE	High speed integrated RF-VLC data communication system: Performance constraints and capacity considerations	Physical Communication	International	2022	February	50	-	1-14	Y	Y	Y	N
79	ECE2022J010	Arjun Sehrawal , Vandana Khanna* and Kushal Jindal	EECE	Comparative study of CMOS logic and modified GDI technique for basic logic gates and code convertor	International Journal of Advance Research and Innovation	International	2021	September	9	3	276-280	N	N	Y*	N
80	ECE2022J011	Shaifali Ruhil* , Umesh Dutta, Vandana Khanna and Neeraj Kumar Shukla	EECE	Design of a 30 Nm Novel 3-D Quad Gate Stacked Nano-Sheets FinFET	Silicon	International	2022	May	-	-	-	Y	Y	Y	N

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81	ECE2022J012	Shradha Singh Parihar and Nitin Malik *	EECE	Possibilistic uncertainty assessment in the presence of optimally integrated solar PV-DG and probabilistic load model in distribution network	Facta Universitatis, Series: Electronics and Energetics	International	2022	April	35	1	71-92	Y	N	Y	N
82	ECE2022J013	Manju Dabass *, Sharda Vashisth and Rekha Vig	EECE	A convolution neural network with multi-level convolutional and attention learning for classification of cancer grades and tissue structures in colon histopathological images	Computers in Biology and Medicine	International	2022	August	147	-	-	Y	Y	Y	n
83	ECE2022J014	Raman Yadav, Sharda Vashisth * and Ranjit Verma	EECE	Computational fluid dynamics analysis of carotid artery with different plaque shapes	International Journal of Medical Engineering and Informatics	International	2022	July	14	5	464-472	N	Y	Y*	n
84	ECE2022J015	Deepika Kamboj *, Sharda Vashisth and Sumeet Sourav	EECE	Evaluation of focal loss based deep neural networks for traffic sign detection	International Journal of Image and Data Fusion	International	2022	June	-	-	1-23	Y	Y	Y	n
85	ECE2022J016	Anjali Garg *, Nishita Yadav and Nishant Yadav	EECE	Blockchain technology as an infrastructure: a review	International Journal of Engineering Applied Science and Technology	International	2021	October	6	6	285-288	N	N	Y	N
86	ECE2022J017	Anjali Garg *	EECE	Solar power analysis under varying environmental condition using solar emulator	International Journal of Sustainable Energy and Environmental Research	International	2021	December	10	2	101-113	N	N	Y	N
87	ECE2022J018	Piyush kumar , Nitin Malik * and Anjali Garg	EECE	Comparative analysis of solar-battery storage sizing in net metering and zero export systems	Energy for Sustainable Development	International	2022	June	69	-	41-50	Y	Y	N	N
88	ECE2022J019	Manju Dabass *, Sharda Vashisth and Rekha Vig	EECE	MTU: A multi-tasking u-net with hybrid convolutional learning and attention modules for cancer classification and gland segmentation in colon histopathological images	Computers in Biology and Medicine	International	2022	September	-	-	-	Y	Y	Y	N
89	MED2022J001	Anmol Bhatia * and Reeta Wattal	ME	Fatigue behaviour and impact strength assessment of friction stir-welded carbon steel joints	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	International	2022	October	-	-	1-9	Y	Y	Y	N
90	MED2022J002	Roshan Raman * and Naveen Kumar	ME	Comparative assessment of di-ethyl ether/diesel blends on the performance, and emission characteristics in acetylene dual fuel engine	International Journal of Engine Research	International	2022	October	-	-	1-16	Y	Y	Y	N
91	SOL2022J001	Nidhi Sinha *	SOL	Regulating the use of abusive language in web series: A critical analysis of the indian legal scenario	Lex Humanitariae: Journal for a Change	International	2022	April	3	1	216-225	N	N	N	N
92	SOM2022J001	Trishala Chauhan * and Shilpa Sindhu	SOM	Modeling the antecedents of customer engagement with health related content	Indian Journal of Computer Science	National	2021	October	6	5	28-35	N	N	Y	N
93	SOM2022J002	Archana Poonia, Shilpa Sindhu , Vikas Arya and Anupama Panghal *	SOM	Analysis of drivers for anti-food waste behaviour - TISM and MICMAC approach	Journal of Indian Business Research	Intenational	2021	November	-	-	-	Y	Y	Y	N
94	SOM2022J003	Ayush Gautam *, Ravi Shankar and Prem Vrat	SOM	Managing end of life solar photovoltaic e- waste in India: A circular economy approach	Journal of Business Research	Intenational	2022	January	142	NA	287-300	Y	Y	Y	N

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95	SOM2022J004	Neetu Chillar * and Swaranjeet Arora	SOM	Financial awareness among women in Delhi NCR: A comparative study	Pacific Business Review International	International	2022	2021	14	2	147-158	Y	N	Y*	N
96	SOM2022J005	Nitin Gupta, Prem Vrat and Ravindra Ojha*	SOM	Key drivers that impact the quality of education – a holistic approach	Journal of Advances in Management Research	International	2022	January	-	-	-	Y	Y	Y	N
97	SOM2022J006	Nitin Gupta, Prem Vrat and Ravindra Ojha*	SOM	Prioritizing enablers for service quality in healthcare sector – a DEMATEL approach	Journal of Health Organization and Management	International	2022	March	-	-	-	Y	Y	Y	N
98	SOM2022J007	Nitin Gupta*, Prem Vrat and Ravindra Ojha	SOM	Achieving education excellence through teacher student duality - an analysis of NIRF scores	Metamorphosis-A Journal of Management Research	International	2021	May	9	2	79-93	N	N	Y	N
99	SOM2022J008	Neeta Sharma* and Prem Vrat	SOM	Behavioural inventory management: a new approach to inventory classification based on stock -induced consumption index	International Journal of Industrial and Systems Engineering	International	2022	-	41	1	1-17	N	Y	Y	N
100	SOM2022J009	Manu Jain, Saumya Dixit* and Amit Shukla	SOM	Role of e-service quality, brand commitment and e-WOM trust on e-WOM intentions of millennials	International Review of Retail, Distribution and Consumer Research	International	2022	May	-	-	23-43	Y	Y	Y	N
101	SOM2022J010	Chandra Prakash*, Ritu Yadav, Amandeep Singh and Kanchan Yadav	SOM	Modelling the entrepreneurial intentions among business students	Pacific Business Review International	International	2021	September	14	3	77-90	Y	N	Y*	Y
102	SOM2022J011	Mahima anand* and Sushmita Biswal Waraich	SOM	Career Development Initiatives for Third party employees: Development and validation of a scale	Management and Labour Studies	International	2022	April	47	3	1-17	N	Y	Y	N
103	SOM2022J012	Aman Bhatnagar* and Prem Vrat	SOM	Demand Supply planning and sustainability aspect for agro-based perishables in cold-chain	International Journal of Industrial and Systems Engineering	International	2022	May	40	1	79-103	N	Y	Y	N
104	SOM2022J013	Akshat Aditya Rao *and Bharti Jain	SOM	An exploratory study on Olfactory cues in retail stores	Indian Journal of Marketing	International	2021	December	51	12	41-54	N	Y	Y	N
105	SOM2022J014	Akshat Aditya Rao, Rajesh Kothari, Surabhi Goyal and Purnima Rao*	SOM	Revisiting level of financial literacy-An empirical approach	Pacific Business Review International	International	2021	October	14	4	47-56	Y	N	Y	N
106	SOM2022J015	Nitin Gupta*, Prem Vrat and Ravindra Ojha	SOM	Key drivers that impact the quality of education- a holistic approach	Journal of Advances in Management Research	International	2022	July	19	3	488-510	Y	Y	Y	N
107	SOM2022J016	Deergha Sharma* and Pawan Kumar	SOM	Ranking the performance of public sector banks by fuzzy AHP and fuzzy TOPSIS in balanced scorecard framework: an evidence from India	International Journal of Productivity and Quality Management	International	2022	July	-	-	-	N	Y	Y*	N
108	SOM2022J017	Pawan Kumar* and Deergha Sharma	SOM	Benchmarking the financial performance of Indian commercial banks by a hybrid MCDM approach	International Journal of Process Management and Benchmarking	International	2022	July	-	-	-	N	Y	Y*	N

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109	SOM2022J018	Sudharshini Vasan* and Nimit Gupta	SOM	Paid, owned and earned media (Poem) in marketing	Business Studies Journal	International	2021	October	13	Special Issue 3	1-3	N	N	Y*	N
110	SOM2022J019	Jonika Lamba and Esha Jain*	SOM	A review on unprecedented influence of COVID-19 on stock market: what communities should know?	Journal of Enterprising Communities: People and Places in the Global Economy	International	2022	July	-	-	-	Y	Y	Y	N
111	SOM2022J020	Raveena Gaba* and Deergha Sharma	SOM	Benchmarking the sustainable banking performance of Indian commercial banks	International Journal of Process Management and Benchmarking	International	2022	September	-	-	-	N	Y	Y*	N
112	SOM2022J021	Shilpa Sindhu*	SOM	Digital health care services in post COVID-19 scenario: Modeling the enabling factors.	International Journal of Pharmaceutical and Healthcare Marketing	International	2022	April	16	3	412-428	Y	Y	N	N
113	SOM2022J022	Shilpa Sindhu and Rahul S Mor *	SOM	Modelling the interactions among enablers of technology entrepreneurship: An ISM and fuzzy-MICMAC approach	Entrepreneurial Business and Economics Review	International	2022	June	10	2	97-111	Y	Y	N	N
114	SOM2022J023	Anupama Panghal , Shilpa Sindhu , Shweta Dahiya , Bharat Dahiya and Rahul S. Mor*	SOM	Benchmarking the interactions among challenges for blockchain technology adoption: A circular economy perspective.	International Journal of Mathematical, Engineering and Management Sciences	International	2022	July	7	6	859-872	Y	Y	N	N
115	SOM2022J024	Anupama Panghal* , Priyanka Vern , Rahul S Mor , Deepak Panghal , Shilpa Sindhu and Shweta Dahiya	SOM	A study on adoption enablers of 3D printing technology for sustainable food supply chain	Management of Environmental Quality	International	2022	August	-	-	-	Y	Y	N	N
116	SOM2022J025	Saumya Kapoor Sharma and Amar Kumar Mishra*	SOM	Examining the role of emotional intelligence as a mediator for the impact of virtual communication on decision making effectiveness during the covid-19 crisis	Ymer	International	2022	March	21	3	473-486	N	Y	N	N

Conference Proceedings (January - December 2022)

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1	APS2022P001	Nidhi Agrawal , Bhuvnesh Kumar, Bhanu Verma, Harald Mehling and Bharti Arora	APS	Experimental results of a solar space heating system with PCM: Smallscale Setup and real-scale setup	Materials Today: Proceedings	International	Online	2021	December	online 23 December 2021	Elsevier	Not assigned	Scopus
2	APS2022P002	Khushbu Gupta and Tejpal Singh Chundawat *	APS	Green synthesis, Characterization and Antimicrobial Activity of Copper Nanoparticles derived from Fusarium oxysporum	National Conference on Physics And Chemistry of Materials: NCPM2020	International	National Conference on Physics and Chemistry of Materials, Department of Physics, Govt. Holkar Science College, A. B. Road, Indore (MP)-452017	2021	September	14th - 16th December, 2020	AIP Conference Proceedings	20082	Scopus
3	APS2022P003	Reena Gadhwal *, Hukum Singh and Ambika Devi	APS	Investigation on structural and spectral properties of solution-processed GeTeBi chalcogenide glasses	Materials Today : Proceedings	International	2nd International Conference on Advances in Materials Science, Communication and Microelectronics June 17-18, 2022 JECRC Foundation, Jaipur, Rajasthan	2022	September	17-18 June, 2022	Elsevier	NA	Scopus
4	APS2022P004	Sarita Yadav *, Aditya Sharma Ohrera and Ambika Devi	APS	Hierarchical grass-like NiCo2O4 nanowires grown on nickel foam as a binder-free supercapacitor electrode	Materials Today: Proceedings	International	ICAMCM-2022, Jaipur Engineering College and Research Centre, Jaipur, India	2022	June	17-18	Elsevier	NA	Scopus
5	CEE2022P001	Yadvendra Ahlawat , Avdesh Bhardawaj and Raghav Bhardwaj *	CEE	An experimental study on the stability and flow characteristics of mastic asphalt mix using cigarette butt additive	Materials Today: Proceedings	International	NIT Calicut (Online Mode)	2022	March	15 - 17 December 2021	Elsevier	651-661	Scopus
6	CLL2022P001	Nimisha Yadav * and Shrutimita Mehta	CLL	Understanding kolkata through cinema: an exploratory insight into 'kahaani' by sujoy ghosh	Two Day International Virtual Conference on Literature, Education and Social Sciences organized by Mohammad Sathak College of Arts and Science Sholinganallur, Chennai, Tamil Nadu	International	Online	2022	April	24 April, 2022	Harvest: An International Multidisciplinary and Multilingual Research Journal	176-179	NA
7	CSE2022P01	Poonam Chaudhary *, Vaishali Kalra, and Srishti Sharma	CSE	A hybrid machine learning approach for customer segmentation using RFM analysis	International Conference on Artificial Intelligence and Sustainable Engineering (Part of the Lecture Notes in Electrical Engineering book series)	International	NIT, Goa, India	2022	April	18th-20th, 2021	Springer, Singapore	1-14	Scopus
8	CSE2022P02	Srishti Sharma *, Mala Saraswat and Anil Kumar Dubey	CSE	Fake news detection using deep learning	Iberoamerican Knowledge Graphs and Semantic Web Conference (KGSWC 2021): Knowledge Graphs and Semantic Web (Part of the Communications in Computer and Information Science book series)	International	Kingsville, TX, USA	2022	January	22-24 Nov' 2021	Springer, Cham	1-11	Scopus
9	CSE2022P003	Shaveta Arora and Meghna Sharma *	CSE	Deep learning for brain tumor classification from MRI images	2021 Sixth International Conference on Image Information Processing (ICIIP)	International	Shimla	2021	November	26-28 November 2021	IEEE Xplore	409-412	Scopus
10	CSE2022P004	Mehak Khurana * and Hukum Singh	CSE	Asymmetric image cryptosystem based on chaotic zone plate phase mask and Arnold transform	Cyber Security and Digital Forensics Proceedings of ICCSDF 2021 Part of the Lecture Notes on Data Engineering and Communications Technologies book series	International	The NorthCap University, Gurigram	2021	October	2nd Oct, 2021	Springer	45-51	Scopus
11	CSE2022P005	Parv Bajaj *, Ritika Arora , Mehak Khurana and Shilpa Mahajan	CSE	Cloud security: the future of data storage	Cyber Security and Digital Forensics Proceedings of ICCSDF 2021 Part of the Lecture Notes on Data Engineering and Communications Technologies book series	International	The NorthCap University, Gurugram	2021	October	NA	Springer	87-98	Scopus

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12	CSE2022P006	Namita, Prachi and Prabha Sharma	CSE	Windows malware detection using machine learning and TF-IDF enriched API calls information	Second International Conference on Computer Science, Engineering and Applications (ICCSEA) 2022	International	Gunupur, India	2022	November	07-Nov-22	IEEE	1-6	Google Scholar
13	CSE2022P007	Kanishca Goyal, Kopal Chaturvedi* and Mehak Khurana	CSE	Adobe photoshop vulnerabilities	Third International Conference on Information Management and Machine Intelligence, Part of The Algorithms for Intelligent Systems Book Series	International	Jaipur	2022	August	4th August 2022	Springer, Singapore	229-241*	Google Scholar
14	CSE2022P008	Tanu Verma*, Yukti Ghablani and Mehak Khurana	CSE	Visual studio vulnerabilities and its secure software development	Third International Conference on Information Management and Machine Intelligence, Part of The Algorithms for Intelligent Systems Book Series	International	Jaipur	2022	August	4th August 2022	Springer, Singapore	259-267	Google Scholar
15	CSE2022P009	Sumit Saini* , Shilpa Mahajan and Mehak Khurana	CSE	Data protection and security in affordable home/remote monitoring (MCPS) of patients	Third International Conference on Information Management and Machine Intelligence, Part of The Algorithms for Intelligent Systems Book Series	International	Jaipur	2022	August	4th August 2022	Springer, Singapore	385-396	Google Scholar
16	ECE2022P001	Pragna Gurus, Nitin Malik* and Sheila Mahapatra	EECE	Optimal allocation of distributed generation for power loss minimization using PSO algorithm	3rd International Conference on Recent Developments in Control, Automation and Power Engineering, RDCAPE 2019	International	Noida, India	2020	February	10-11 October 2019	IEEE	22-26	Scopus
17	ECE2022P002	Prachi Dewan and Vandana Khanna*	EECE	Power consumption and hardware utilization for traffic signs recognition models through FPGA implementation	International Conference on Machine Learning, Big Data, Cloud and Parallel Computing (COM-IT-CON)	International	Faridabad, India	2022	August	26-27 May 2022	IEEE	1-8	NA
18	ECE2022P003	Ramakrishana B.N* , Subramanya Ganesh T , P.D.Mishra , Anu Arora ,Sharda Vashisth and Amitava Sen Gupta	EECE	Precise orbit determination for NavIC satellites	XXXIVth General Assembly and Scientific Symposium of the International Union of Radio Science (URSI GASS) 2021	International	Rome, Italy	2021	August	28 August - 4 September 2021	IEEE	NA	NA
19	ECE2022P004	T. S. Ganesh*, B. N. Ramakrishna, S. Dakkumalla, S. Maharana, Sharda, Vashisth and A. Sen Gupta	EECE	Design considerations of an in house developed Tri-band reference receiver for NavIC ground segment	XXXIVth General Assembly and Scientific Symposium of the International Union of Radio Science (URSI GASS) 2021	International	Rome, Italy	2021	August	28 August - 4 September 2021	IEEE	NA	NA
20	MED2022P001	Charanjit Singh , Virat Khanna* and Satnam Singh	ME	Sustainability of microwave heating in materials processing technologies	Materials Today: Proceedings	International	"Vasudhev Kutumbkam- 3: Third International Conference on Entrepreneurship, Research and Innovations for Environmental Sustainability and Planetary Health", Bhagini Nivedita College New Delhi	2022	July	April 7-8, 2022	Elsevier	1-10	Scopus
21	MED2022P002	Rahul Sharma*, Roshan Raman, Omprakash Yadav,Vimal Pratap Singh, Himanshu Tanwar, Uday Kumar, Udit Gupta and Rahul Shakye	ME	Experimental study of performance and emission characteristics using biodiesel blends in a diesel engine: A Review	Recent Trends in Thermal Engineering: Select Proceeding of ICCEMME 2021 Part of the Lecture Notes in Mechanical Engineering book series	International	ICCEMME: International Conference on Computational & Experimental Methods in Mechanical Engineering, GL Bajaj Institute of technology and Managemet, Greater Noida	2021	September	11th - 13th February, 2021	Springer	169-187	Scopus
22	MED2022P003	Rahul Sharma*, Roshan Raman, Omprakash Yadav, Md Shahbaz Khan and vinod Yadav	ME	Thermal comfort and energy efficient design of a central air conditioning system of an educational institute	Recent Trends in Thermal Engineering: Select Proceeding of ICCEMME 2021 Part of the Lecture Notes in Mechanical Engineering book series	International	ICCEMME: International Conference on Computational & Experimental Methods in Mechanical Engineering, GL Bajaj Institute of technology and Managemet, Greater Noida	2021	September	11th - 13th February, 2021	Springer	143-159	Scopus
23	SOL2022CP001	Ayushi Aggarwal	SOL	Access to justice: Role of judicial institutions in safeguarding and ensuring criminal justice	National Seminar Access to Criminal Justice and Legal Reforms in India	National	Indian international Center, Lodhi Estate, New Delhi	2018	November	December 5, 2018	Jus Dicere & Co.	988-998	NA

Book Chapters (January - December 2022)

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1	APS2022BC001	Neha Bhatija*, Sunil Sikka, Anshu Malhotra	APS	34	A review of SQL injection attack and various detection approaches	Smart and Sustainable Intelligent Systems	Wiley	International	2021	April	481	9781119750581	Google Scholar
2	APS2022BC002	Priyanka Makkar*, Sunil Sikka, Anshu Malhotra	APS	3	Empirical evaluation of NSGA II, NSGA III, and MOEA/D optimization algorithms on multi objective target	Soft Computing: Theories and Applications Proceedings of SoCTA 2020, Part of the Advances in Intelligent Systems and Computing book series	Springer, Singapore	International	2021	July	23-31	978-981-16-1740-9	Google Scholar
3	CEE2022BC001	Ram Karan Singh*, Vineet Tirth, Vaishali Sahu and Mansvee Singh	CEE	2	The interlinking of indian rivers for sustainable use of water resources in india: An overview	Water Quality, Assessment and Management in India, Part of the Earth and Environmental Sciences Library book series	Springer	International	2022	November	15-27	978-3-030-95687-5	NA
4	CEE2022BC002	Vaishali Sahu* and Ram Karan Singh	CEE	14	Assessment of surface water quality of indian rivers in terms of water quality index (WQI)	Water Quality, Assessment and Management in India, Part of the Earth and Environmental Sciences Library book series	Springer	International	2022	November	273-289	978-3-030-95687-5	NA
5	CLL2022BC001	Richa Sharma* , and Shrutimita Mehta	CLL	13	Diasporic disension & cross-cultural sensibility: a psychoanalytical study of divakaruni's select short stories	Gender, Culture, South Asia: Marginalization and Self in Contemporary Narratives	Mahi Publications	National	2021	October	135-145	978-93-90651-50-4	NA
6	CLL2021BC002	Lakshi Bhardwa* and Divyabha Vashisth	CLL	3	Critical explorations in Indian English drama: Indian Women playwrights	Critical explorations in Indian English drama	Upanayan Publications	National	2022	January	17-22	978-93-91467-11-1	NA
7	CLL2021BC003	Savita Borral* and Divyabha Vashisth	CLL	3	Transgressing Gender Boundaries and Exploring Sexuality In Vivek Shraya's 'I am Afraid of Men	Queer Identity and Culture in Indian Writings in English	Upanayan Publication	National	2021	December	29-36	978-93-91467-22-7	NA
8	CLL2022BC004	Payal Khurana	CLL	7	Blended learning: technology at rescue in teaching english online	New Approaches in Education	Lordine Nuovo Publication	National	2022	January	28-30	978-93-92995-18-7	NA
9	CSE2022BC002	Poonam Sharma* , Anuradha Dhull and Akansha Singh	CSE	25	Applications of deep learning for vehicle detection for smart transportation systems	Advances in Intelligent Systems and Computing Proceedings of Academia-Industry Consortium for Data Science Part of the Advances in Intelligent Systems and Computing book series	Springer	International	2022	Februrary	307-321	978-981-16-6887-9	Google scholar
10	CSE2022BC003	Deepika Bansal , Kavita Khanna*, Rita Chhikara , Rakesh Kumar Dua, and Rajeev Malhotra	CSE	45	Performance evaluation of shallow and deep neural networks for dementia detection	Innovations in Computational Intelligence and Computer Vision, (Proceedings of ICICV 2021) (Part of the book series: Advances in Intelligent Systems and Computing)	Springer	International	2022	May	513-523	978-981-15-6067-5	Scopus
11	CSE2022BC004	Srishti Sharma* and Virendra Pratap Singh	CSE	3	Tech to takecare: IoT-based smart solution for real-time supervision	IoT for Sustainable Smart Cities and Society (Part of the book series: Internet of Things)	Springer Cham	International	2022	May-22	65-83	978-3-030-89554-9	Scopus
12	CSE2022BC005	Monika Lamba* , Geetika Munjal, Yogita Gigras	CSE	11	Supervising healthcare scheme using machine learning in breast cancer and internet of things (SHSMLIoT)	Internet of Healthcare Things: Machine Learning for Security and Privacy	Wiley	International	2022	January	241-263	9781119791768	Google Scholar

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13	CSE2022BC006	Kritika Singh* , Heemal Yadav , Kunal Aggarwal & Garima Sharma	CSE	16	Smart walking stick: an aid to visually impaired	Proceedings of the Third International Conference on Information Management and Machine Intelligence, Part of the Algorithms for Intelligent Systems book series	Springer, Taylor and Francis	International	2022	August	127-140	978-981-19-2065-3	Google Scholar
14	CSE2022BC007	Shilpa Mahajan*	CSE	1	Blockchain in smart healthcare systems: hope or despair?	Prospects of Blockchain Technology for Accelerating Scientific Advancement in Healthcare	IGI Global	International	2021	Dec	20	9781799896067	google Scholar
15	CSE2022BC008	Preeti Kapoor* , Shaveta Arora	CSE	42	Applications of Deep Learning in Diabetic Retinopathy Detection and Classification: A Critical Review	Proceeding of Data Analytics and Management ICCDAM 2021 Part of the Lecture Notes on Data Engineering and Communications Technologies book series	Springer	International	2021	November	505 - 535	978-981-16-6285-0	Scopus, Google Scholar
16	CSE2022BC009	Sukhwinder Sharma* , Puneet Mittal , and Anuradha	CSE	13	IoT-Based Smart Security System for Agriculture Fields	Cyber Security and Digital Forensics Proceedings of ICCSDF 2021 Part of the Lecture Notes on Data Engineering and Communications Technologies book series	springer	international	2021	October	143-151	978-981-16-3961-6	Scopus
17	CSE2022BC010	Bharti Chugh* , Nitin Malik	CSE	23	Machine Learning Classifiers for Detecting Credit Card Fraudulent Transactions	Information and Communication Technology for Competitive Strategies (ICTCS 2021) Part of the Lecture Notes in Networks and Systems book series	Springer	International	2022	June	223-231	978-981-19-0095-2	Scopus, Google Scholar
18	ECE2022BC001	Simran Kaur and Vandana Khanna*	EECE	8	Implementation and comparison of MQTT, webSocket, and HTTP protocols for smart room IoT application in node-red	IoT for Sustainable Smart Cities and Society Part of the Internet of Things book series	Springer Nature, Switzerland	International	2022	May	165-193	978-3-030-89553-2	Scopus
19	ECE2022BC002	Nishant Yadav , Nishitha Yadav , Anjali Garg* ,	EECE	7	Vehicle payload monitoring system	IoT for sustainable smart cities and society, Part of the Internet of Things book series	Springer Nature, Switzerland	International	2022	January	145-164	978-3-030-89553-2	Scopus
20	MED2022BC001	Satnam Singh* , Sarbjeeet Kaushal , Michele Forzan	ME	1	Materials system for functional properties of metal matrix composites (Self-Lubricating, Anti-Wear, and Self-Cleaning Properties)	Metal Matrix Composites: Properties and Applications	CRC Press: Taylor & Francis	International	2022	August	1-26	9781003194910	NA
21	MED2022BC002	Satnam Singh*	ME	1	Introduction to sustainability of manufacturing and materials processing technologies	Sustainable Advanced Manufacturing and Materials Processing Methods and Technologies	CRC Press: Taylor & Francis	International	2022	November	1-8	9781032216263	NA
22	MED2022BC003	Anmol Bhatia* and Reeta Wattal	ME	6	Friction stir welding: A sustainable procedure for joining of steels	Sustainable Advanced Manufacturing and Materials Processing Methods and Technologies	CRC Press: Taylor & Francis	International	2022	Nov-22	1-28	9781032216263	NA
23	SOL2022BC001	Pallavi Bajpai and Vanshika	SOL	13	Balancing the development and protection of environment Vis-a-Viz: right to life	Expanding Horizons of Article 21 of Indian Constitution : A Critique	Delhi Law House	National	2021	December	213-227	978-93-88918-39-8	NA

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24	SOL2022BC002	Himangshu Rathee* and Rohit Choudhary	SOL	17	Fundamental duty to think & inspirations from national struggle: reflections on citizenship	Fundamental Rights and Duties: Issues and Perspectives in 21st Century	Chandigarh University	National	2022	June	205-218	978-93-5607-121-6	NA
25	SOL2022BC003	Deborisha Dutta and Unanza Gulzar*	SOL	16	Role of experiential legal education: pathway for access to justice	Globalization of Professional Legal Education: Constitutional Conspectus	Bloomsbury	International	2021	August	205-214	978-93-54350-82-5	NA
26	SOL2022BC004	Tavleen Kaur Khurana*	SOL	3	Addressing the financial crimes against the elderly: A case for re-visiting the strategies	Law and Economics	B.R. International Publishers	National	2022	March	36-43	978-81-89974-73-2	NA
27	SOM2022BC001	Jonika Lamba* and Esha Jain	SOM	3	Business revolution in post covid era: An evolving economy outlook	Future of Work and Business in Covid-19 Era Part of the Springer Proceedings in Business and Economics book series (SPBE)	Springer	International	2022	April	19-30	978-981-19-0356-4	Scopus
28	SOM2022BC002	Saumya Kapoor Sharma and Amar Kumar Sharma*	SOM	22	Drivers and enablers of employees engagement during covid 19 crisis: A conceptual study	Management in the VUCA World	Savera Publishing House	National	2022	June	173-180	978-93-81771-86-0	NA
29	SOM2022BC003	Deergha sharma* and Minakshi Sehwat	SOM	6	Entrepreneurial venture funding and growth in industry 4.0	Principles of Entrepreneurship in the Industry 4.0 Era	Taylor and Francis	International	2022	October	89-103	978-1-032-18386-2	NA
30	SOM2022BC004	Shilpa Sindhu* and Rupesh Kumar	SOM	3	Modeling the challenges for agri-food supply chain 4.0: TISM approach.	Agri-Food 4.0, Part of the Advanced Series in Management Book Series	Emerald	International	2022	March	31-51	978-1-80117-499-2	Scopus