

Journals (January to December 2023)

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)	Indexed In ABDC
1	APS2023J001	R.C Mittal and Rajni Rohila*	APS	A numerical study of the burgers' and fisher's equations using barycentric interpolation method	International Journal of Numerical Methods for Heat and Fluid Flow	International	2022	September	33	2	772-800	SCIE	Q1	Y	N
2	APS2023J002	Nidhi Verma , Tejpal S. Chundawat* , Harish Chandra and Dipiti Vaya*	APS	An efficient time reductive photocatalytic degradation of carcinogenic dyes by TiO ₂ -GO nanocomposite	Materials Research Bulletin	International	2022	October	158	NA	112043	SCIE	Q1	Y	N
3	APS2023J003	Khushbu Gupta , Nik Malek and Tejpal Singh Chundawat*	APS	Nanoprimer technology for boosting germination of capsicum annum using mycosynthetized TiO ₂ nanoparticles	Journal of Materials in Life Sciences	International	2022	November	1	1	57-66	N	N	Y	N
4	APS2023J004	Sakshi Gupta , Soumya Aggarwal and Manoj Munde*	APS	New insights into the role of ligand-binding modes in GC-DNA condensation through thermodynamic and spectroscopic studies	ACS Omega	International	2023	January	8	NA	4554-4565	SCIE	Q2	Y	N
5	APS2023J005	Reena Gadhwa* , Hukum Singh and Ambika Devi	APS	Concentration-dependent enhancement of nonlinear optical properties in Ge-Te-Bi nano colloidal solutions	Phase Transition	International	2023	March	NA	NA	NA	N	Q3	Y	N
6	APS2023J006	Yachana Gupta , CM Pandey and Aditya Sharma Ghrera*	APS	Development of conducting cellulose paper for electrochemical sensing of procalcitonin	Mikrochimica Acta	International	2022	December	190	32	1-10	SCIE	Q1	Y	N
7	APS2023J007	Yachana Gupta and Aditya Sharma Ghrera*	APS	Development of conducting paper-based electrochemical biosensor for procalcitonin detection	ADMET and DMPK	International	2023	January	NA	NA	1-10	ESCI	Q2	Y	N
8	APS2023J008	Yachana Gupta and Aditya Sharma Ghrera*	APS	Conducting polymer modified glass fiber paper substrate based biosensor for procalcitonin detection	Iranian Journal of Science	International	2023	March	47	NA	327-335	SCIE	N	Y	N
9	APS2023J009	Kalpna and Aditya Sharma Ghrera*	APS	Electrochemical investigation of viral respiratory infection inflammatory biomarker serum amyloid a protein by using P/NP modified electrode	ChemistrySelect	International	2023	January	8	1	e202203532	SCIE	Q2	Y	N
10	APS2023J010	Hukum Singh* , R Girija and Manoj Kumar	APS	A cryptanalysis of elliptic curve cryptography based on phase truncation in the domain of hybrid gyator Hartley transform	Optical and Quantum Electronics	International	2023	April	55	487	1-20	SCIE	Q2	Y	N
11	APS2023J011	Takao Komatsu*, Shanta laishram and Pooja Punyani	APS	p-Numerical semigroups of generalized fibonacci triples	Symmetry	International	2023	April	15	852	1-13	ESCI	Q1	Y	N
12	APS2023J012	R Girija*, Hukum Singh and G. Abirami	APS	Optical medical image encryption based on digital hologram in various domains	Journal of Optics-India	International	2023	April	NA	NA	1-10	ESCI	Q3	Y	N
13	APS2023J013	Neeraj Yadav and Tejpal Singh Chundawat*	APS	Recent developments in the UV-visible light-intervened ring-opening polymerization of cyclic esters	Polymer Chemistry	International	2023	April	NA	NA	NA	SCIE	Q1	N	N
14	APS2023J014	Kapil Shankar Gaur* , Hukum Singh and Seema Thakran	APS	Cryptanalysis of the optical cryptosystem titled "an asymmetric image encryption based on phase truncated hybrid transform"	Journal of Optics-INDIA	International	2023	May	NA	NA	1-5	ESCI	Q3	Y	N
15	APS2023J015	Preeti Yadav, Chetna Tyagi* , Ambika Devi and Neetu Ghalot	APS	Study of femtosecond nonlinear optical coefficients for Bi doped Se _{95-x} Te ₅ Bi _x chalcogenide thin films	Chalcogenide Letters	International	2023	May	20	5	353-365	SCIE	Q3	N	N
16	APS2023J016	Anubhav Raghav* , Rajashik Paul , Mrinmoy Kumar Chini , Rajni Rohilla and Soumitra Satapathi*	APS	An insight into interchain charge transfer through a photophysical study of purified conjugated nanoparticles system	Chemical Physics	International	2022	September	564	NA	1-7	SCIE	Q2	Y	N

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17	APS2023J017	Obaidullah Wardak, Deepa Sinha* and Anshu Sethi	APS	Encryption and decryption of signed graph matrices through RSA algorithm	Indian Journal of Pure and Applied Mathematics	National	2023	July	NA	NA	NA	SCIE	Q3	Y	N
18	APS2023J018	Nishu Sethi* and Anshu Malhotra	APS	Efficiency engine: designing and implementing an academic management system	International Journal of Innovative Research in Engineering and Management	International	2023	June	10	3	115-120	N	N	N	N
19	APS2023J019	Deepika, Arjun Singh*, Upkar Verma and Anu Tonk	APS	Device structures of perovskite solar cells: A critical review	Physica Status Solidi A-Applications and Materials Science	International	2023	March	220	9	1-18	SCIE	Q2	Y	N
20	APS2023J0002	Sarita Yadav*, Aditya Sharma Ghrera Abhimanyu Rana, Ambika Devi	APS	Evaluating the role of current collectors in supercapacitor electrodes with NiCo2O4 nanospheres	Journal of Physics and Chemistry of Solids	International	2023	August	178	0	111347 (1-11)	SCIE	Q1	Y	N
21	APS2023J0003	Reena Gadhwal* ,Hukum Singh, Ambika Devi	APS	Theoretical investigation on linear and nonlinear optical properties of solution-processed getebi chalcogenide films	International Journal of convergence in healthcare	International	2023	August	3	2	76-80	N	N	Y	N
22	APS2023J0004	Ankit Kargeti, Rajni Rohilla, Anubhav Raghav*, Amarnath Bheemaraju, Tabish Rasheed*	APS	Effect of extended conjugation on the photosensitizers for DSSC: DFT and TD-DFT study	International Journal of Convergence in Healthcare	International	2023	August	3	2	1-7	N	N	Y	N
23	APS2023J0005	Paramita Guha*, Chetna Tyagi	APS	Comparative study of different machine learning techniques for early detection of forest fires	International Journal of convergence in healthcare	International	2023	August	3	2	69-75	N	N	Y	N
24	APS2023J0006	Chetna Tyagi*, Neeraj Dhandra, Vandana Khanna	APS	Luminescence study of cdse quantum dots using machine learning techniques	International Journal of convergence in healthcare	International	2023	August	3	2	50-54	N	N	Y	N
25	APS2023J0007	Preeti Yadav*, Chetna Tyagi, Neetu Gahlot	APS	Influence of different substrates on the nonlinear refractive index of chalcogenide Se82Te15Bi3.0 thin films	International Journal of convergence in healthcare	International	2023	August	3	2	46-49	N	N	Y	N
26	APS2023J0008	Parul Kaushik*, Hukum Singh,Ambika Devi	APS	Analysis of 1 dimensional photonic crystal optical limiters	International Journal of convergence in healthcare	International	2023	August	3	2	81-86	N	N	Y	N
27	APS2023J0009	R Girija*, Hukum Singh, Kehar Singh	APS	An asymmetric cryptosystem using deterministic phase masks, double random phase encoding, orthogonal encoding and decoding, and fractional Fourier transform	Asian Journal of Physics	National	2023	September	32	5-8	1-13	N	N	N	N
28	APS2023J0010	Savita Anjana*, Kapil Shankar Gaur Hukum Singh, Phool Singh, A K Yadav	APS	Security-enhanced optical nonlinear cryptosystem based on phase-truncated Fourier transform	Optical and Quantum Electronics	International	2023	September	NA	55(1099)	1-15	SCIE	N	Y	N
29	APS2023J0011	Kalpana, Aditya Sharma Ghrera*	APS	Electrochemical investigation of viral respiratory infection inflammatory biomarker protein by using AuNPs modified electrode	Analytical and Bioanalytical Chemistry Research	International	2023	July	10	3	289-300	ESCI	Q3	Y	N
30	APS2023J0012	Reena Gadhwal* , Hukum Singh,Ambika Devi	APS	Optical field enhanced nonlinear optical performance of chalcogenide nanocomposite-based 1D photonic crystal	Journal of Nanophotonics	International	2023	October	17	4	1040501-1 - 040501-6	SCIE	Q3	Y	N
31	APS2023J0013	Nita Samantaray, Anu Tonk, Arjun Singh*	APS	Comparative Study of Five Classifiers for Predicting Power Conversion Efficiency in Perovskite Solar Cells	International Journal of Convergence in Healthcare	International	2023	August	3	2	62-68	N	N	Y	N

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32	CLL2023J001	Richa Sharma * and Shrutimit Mehta	CLL	Diaspora studies: A panoramic view of literary theories.	Galore International Journal of Applied Sciences and Humanities	International	2023	March	7	Issue 1	Page 38-42	N	N	Y	N
33	CLL2023J002	Richa Sharma * and Shrutimita Mehta	CLL	Discovering the true self: An exploration of origin & identity in M.G.vassanji's the assassin's song	Literary Voice	International	2023	March	1	20	261-267	ESCI	N	N	N
34	CLL2023J004	Savita Boral * and Divyabha Vashisth	CLL	Ambivalent celebration of 'in-betweenness' in select films of rituparno ghosh	Literary Voice	International	2023	March	1	20	304-309	ESCI	N	N	N
35	CLL2023J005	Savita Boral * and Divyabha Vashisth	CLL	An examination of select plays of mahesh dattani's through the lenses of queer	Journal of English Literature and Cultural Studies	International	2023	March	3	4	32-36	N	N	Y	N
36	CLL2023J006	Payal Khurana	CLL	Artificial intelligence corroding human values: analysis of manjula padmanabhan's harvest	Gap Bodhi Taru: A global Journal of Humanities	International	2023	January-March	VI	1	34-36	N	N	Y*	N
37	CLL2023J0001	Nimisha Yadav *, Shrutimita Mehta	CLL	The portrayal of women in joya mitra's from the heart of darkness and suchitra bhattacharya's good woman, bad woman	Satraachee	National	2023	August	39	3	27-33	N	N	Y	N
38	CLL2023J0002	Savita Boral *, Divyabha Vashisth	CLL	Exploring the plight of third gender in selected autobiographies	Satraachee	National	2023	June	39	2	49-55	N	N	Y	N
39	CLL2023J0003	Payal Khurana *	CLL	Gender equality: A myth of reality in shashi deshbande's the dark hold no terrors and roots and shadows	Daath Voyage:An International Journal of Interdisciplinary studies in english	International	2023	June	8	2	28-34	N	N	Y	N
40	CLL2023J0005	Nimisha Yadav *, Shrutimita Mehta	CLL	Traversing cultural barriers: a bengali mother's unyielding fight for justice in mrs chatterjee vs Norway	Literary Voice	International	2023	September	1	21	356-363	ESCI	N	N	N
41	CLL2023J0006	Nimisha Yadav *, Shrutimita Mehta	CLL	Cultural Conundrums: Unravelling the Dilemma in Amit Chaudhuri's Odysseus Abroad	Journal of Literature and Aesthetics	International	2022	June	22	1	118-123	N	N	N	N
42	CLL2023J0007	Savita Boral *, Divyabha Vashisth	CLL	From Playing Bride to Self Exploration:Arjie's Queer Awakening in Shyam Selvendurai's novel funny Boy	Journal of Literature and Aesthetics	International	2022	December	22	2	57-63	N	N	N	N
43	CLL2023J0008	Savita Boral *, Divyabha Vashisth	CLL	Delineation of the Third Gender Identity in the Indian Epics and other Ancient Indian Texts	IIS University Journal of Arts	International	2023	August	12	1 and 2	234-247	N	N	N	N
44	CLL2023J0009	Lakshi Bhardwaj , Divyaabha Vashisth *	CLL	Thappad : A Provocative Tale of Empowerment and Social Awakening	Anhad lok	National	2023	December	9	5	6-11	N	N	N	N
45	CSE2023J001	Neeti Kashyap *, Rita Chhikara and A. Charan Kumari	CSE	Multi-objective metaheuristic search algorithms for service composition in IoT	International Journal of Intelligent Engineering Informatics	International	2023	January	10	3	242-270	ESCI	N	Y	N
46	CSE2023J002	Ansh Dudeja , Anshul Yadav , Anveshak Parashar , Arnay Kabityal and Shaveta Arora *	CSE	IoT based autonomous multi purpose surveillance and rescue robot	DTC Journal of Computational Intelligence	National	2022	November	1	1	01-11	N	N	Y	N
47	CSE2023J003	Srishti Sharma *, Mala Saraswat and Anil Kumar Dubey	CSE	Fake news detection on twitter	International Journal of Web Information Systems	International	2022	December	18	05, 06	388-412	ESCI	Q2	N	N

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48	CSE2023J004	Mala Saraswat* and Srishti	CSE	Leveraging genre classification with RNN for book recommendation	International Journal of Information Technology	International	2022	July	14	7	3751-3756	N	Q1	Y	N
49	CSE2023J005	Sumit Pandey*, Srishti Sharma and Samar Wazir	CSE	Mental healthcare chatbot based on natural language processing and deep learning approaches: Ted the therapist	International Journal of Information Technology	International	2022	June	14	7	3757-3766	N	Q1	Y	N
50	CSE2023J006	Monika Lamba*, Geetika Munjal and Yogita Gigras	CSE	Ranking of classification algorithm in breast cancer based on estrogen receptor using MCDM technique	International Journal of Information Technology and Decision Making	International	2023	March	22	2	803-827	SCIE	Q1	Y	N
51	CSE2023J007	Monika Lamba, Geetika Munjal*, Yogita Gigras and Manoj Kumar	CSE	Breast cancer prediction and categorization in the molecular era of histologic grade	Multimedia Tools and Applications	International	2023	March	NA	NA	NA	SCIE	Q1	Y	N
52	CSE2023J008	Shaveta Arora*	CSE	Audio signal noise reduction using low pass filter	International Journal of Computer Science Engineering	International	2021	June	10	3	46-49	N	N	Y	N
53	CSE2023J010	Ankita Gupta*, Rita Chhikara and Prabha Sharma	CSE	A review on deep learning solutions for steganalysis	International Journal of Computing and Digital Systems	International	2023	April	13	1	869-887	N	Q3	Y	N
54	CSE2023J011	Pankaj Rakheja*, Sanjay Yadav and Archana Tobria	CSE	A novel image encryption mechanism based on umbrella map and Yang-Gu algorithm	Optik	International	2022	December	271	NA	170152	SCIE	Q2	Y	N
55	CSE2023J012	Deepika Bansal*, Kavita Khanna, Rita Chhikara , Rakesh Kumar Dua and Rajeev Malhotra	CSE	BoF-SVM-based data intelligence model for detecting dementia	Intelligent Decision Technologies	International	2023	May	17	2	543-555	N	Q4	Y	N
56	CSE2023J013	Sumit Pandey* and Srishti Sharma	CSE	A comparative study of retrieval-based and generative-based chatbots using Deep Learning and Machine Learning	Health Analytics	International	2023	May	3	NA	NA	N	Q3	Y	N
57	CSE2023J014	Monika Lamba, Geetika Munjal* and Yogita Gigras	CSE	Identifying Breast Cancer Molecular class using integrated feature selection and deep learning model.	International Journal of Bioinformatics Research and Applications	International	2023	May	19	1	19-42	N	Q4	Y	N
58	CSE2023J015	Pravat Mandal*, Komal Jindal, Joseph C. Maroon, Rita Chhikara, Avantika Samkaria, Mallika Joshi, Saurav Roy and Yashika Arora	CSE	Brain Imaging Databases	ACS Chemical Neuroscience	International	2023	May	Not Assigned Yet	NA	NA	SCIE	Q1	Y	N
59	CSE2023J016	Prachi, Namita Dabas* and Prabha Sharma	CSE	MalAnalyser: An effective and efficient Windows malware detection method based on API call sequences	Expert Systems With Applications	International	2023	June	230	NA	1-19	SCIE	Q1	Y	N
60	CSE2023J017	Rita Chhikara, Prabha Sharma, B. Chandra and Nidhi Malik*	CSE	Modified bird swarm algorithm for blind image steganalysis.	International Journal of Information Technology	International	2023	June	NA	NA	NA	N	Q1	Y	N
61	CSE2023J018	Sayeed Ahmad,Rashmi Rani,Meghna Sharma,Sanjiv Sharma,Rajit Nair and Basant Tiwari*	CSE	Hybrid recommender system for mental illness detection in social media using deep learning techniques	Computational Intelligence and Neuroscience	International	2023	July	Volume 2023	Article ID 8110588	1-14	N	N	Y	N
62	CSE2023J0001	Shradha Singh Parihar Nitin Malik*	CSE	Fuzzy-based real-coded genetic algorithm for optimizing non-convex environmental economic loss dispatch	Facta universitatis - Series: Electronics and Energetics	International	2022	December	35	4	495-512	ESCI	N	Y	N

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63	CSE2023J0002	Shradha Singh Parihar, Nitin Malik*	CSE	Network reconfiguration in the presence of optimally integrated multiple distributed generation units in a radial distribution network	Engineering Optimization	International	2023	March	NA	NA	1-21	SCIE	Q1	Y	N
64	CSE2023J0003	Shilpa Mahajan*	CSE	Phishing uniform resource locator detection using machine learning: A step towards secure system	Security and Privacy	International	2023	March	5	6	1-12	ESCI	N	Y	N
65	CSE2023J0004	Bhavana Sharma* , Hukum Singh Mehak Khurana	CSE	An Optimized Image Encryption Scheme, Leveraging the Arnold Transform and Chaotic Map	International Journal of Convergence in Healthcare	International	2023	August	3	2	8-14	N	N	Y	N
66	CSE2023J0005	Deepika* , Meghna Sharma, Shaveta Arora	CSE	Neuroimaging based automated diagnosis of attention deficit and hyperactivity disorder using machine learning techniques	Hinweis Science and Engineering	International	2023	January	1	1	37-44	N	N	N	N
67	CSE2023J0006	Pankaj Rakheja* , Mehak Khurana	CSE	Multiple iris image encryption using phase retrieval mask, QZ algorithm and umbrella map in hybrid transform domain	Optical and Quantum Electronics	International	2023	July	55	10	1-26	SCIE	Q2	Y	N
68	CSE2023J0007	Sandeep Sharma, Prachi Ahlawat* , Kavita Khanna	CSE	DeepMDFC: A deep learning based android malware detection and family classification method	Security and Privacy	International	2023	October	e347	NA	1-21	ESCI	N	Y	N
69	CSE2023J0008	Sandeep Sharma* , Prachi, Rita Chhikara, Kavita Khanna	CSE	An efficient Android malware detection method using Borutashap algorithm	International Journal of Experimental Research and Review	International	2023	October	34	NA	86-96	N	Q4	N	N
70	CSE2023J0009	Amani K. Samha, Nidhi Malik, Deepak Sharma, Kavitha S*, Papiya Dutta	CSE	Intrusion Detection System Using Hybrid Convolutional Neural Network	Mobile Networks and Applications	International	2023	August	NA	NA	NA	SCIE	Q1	Y	N
71	CSE2023J0010	Anvesha Katti*	CSE	Study of Machine learning Techniques for coverage in wireless sensor networks	International Journal of Science and Research	International	2023	June	12	6	2415-2418	N	N	N	N
72	CSE2023J0011	Abhishek Goyal, Neetu Singla, Richa Gupta, Gunjan, Rakesh Garg*, Sidhanth Karwal	CSE	A Framework for Dysgraphia Detection in children using Convolutional Neural Network	International Journal of Bioinformatics Research and Applications	International	2023	September	19	3	170-185	N	Q4	Y	N
73	CSE2023J0012	Apoorva Garg* , Anuradha Dhull	CSE	Approaches and Models Integral to Mobile Application Development: A Systematic Review	DTC Journal of Computational Intelligence	International	2023	July	2	1	1-17	N	N	Y	N
74	CSE2023J0013	Ruchika Lalit, Priyanka Bhutani*, Neha Verma, Yatharth Sharma	CSE	CNN Based Methods for Crowd Counting – A Comprehensive Study	International Journal of Creative Research Thoughts	International	2023	October	11	10	b762-b773	N	N	N	N
75	CSE2023J0014	Ruchika Lalit, Priyanka Bhutani*, Neha Verma, Anshika Jain	CSE	AI-Generated Text Detection: A Review	International Journal of Creative Research Thoughts	International	2023	October	11	10	d784-d789	N	N	N	N
76	CSE2023J009	Poonam Yadav* , Hukum Singh and Kavita Khanna	CSE and APS	Introducing real-time image encryption technology using key vault, various transforms, and phase masks	Multimedia Tools and Applications	International	2023	March	NA	NA	NA	SCIE	Q1	Y	N
77	MDE2023J001	Shikha Kapila* , Vandana Khanna, Neeraj Kumar Shukla, and Mainak Basu	MDE	A pseudo-memristive system for analog neuromorphic computing	NeuroQuantology	International	2022	May	20	5	1084-1090	N	Y	Y*	N
78	MDE2023J002	Shikha Kapila* , Vandana Khanna, Neeraj Kumar Shukla, and Mainak Basu	MDE	Design of programmable analog and neuromorphic computing circuits using pseudo - memristive effect	NeuroQuantology	International	2022	August	20	7	3586-3594	N	Y	Y*	N
79	MDE2023J003	Pooja Sabherwal* , Monika Agrawal and Latika Singh	MDE	Independent detection of T-waves in single lead ECG signal using continuous wavelet transform	Cardiovascular Engineering and Technology	International	2022	September	NA	NA	NA	SCIE	Q2	Y	N

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80	MDE2023J004	Anshul Vats, Mona Aggarwal* and Swaran Ahuja	MDE	Outage and error performance analysis of dual hop hybrid RF-VLC system with wireless energy harvesting	Physical Communication	International	2022	September	55	NA	101882	SCIE	Q2	Y	N
81	MDE2023J005	Chetna, Krishan*, Vikash Siwach, Manju Singh Tonk, Phagun Mehta and Anu Tonk	MDE	Modeling of polyculture fish feed using mathematical programming	Asian Journal of Agricultural Extension, Economics and Sociology	International	2022	October	40	11	116-129	N	N	Y	N
82	MDE2023J006	Aman Garg* , M.O. Belarbi, H.D. Chalak, L. Li, Anshu Sharma, Mehmet Avcar, Neha Sharma, Sagar Paruthi and Reeta Gulia	MDE	Buckling and free vibration analysis of bio-inspired laminated sandwich plates with helicoidal/Bouligand face sheets containing softcore	Ocean Engineering	International	2023	January	270	NA	113684	SCIE	Q1	Y	N
83	MDE2023J007	Aman Garg* , T. Mukhopadhyay, M.O. Belarbi and L. Li	MDE	Random forest-based surrogates for transforming the behavioral predictions of laminated composite plates and shells from FSDT to elasticity solutions	Composite Structures	International	2023	February	309	NA	116756	SCIE	Q1	Y	N
84	MDE2023J008	Aman Garg* , M.O. Belarbi, Li Li, Hanuman D. Chalak and Abdelouahed Tounsi	MDE	Comparative study on the bending of exponential and sigmoidal sandwich beams under thermal conditions	Structural Engineering and Mechanics	International	2023	January	85	2	217-231	SCIE	Q2	Y	N
85	MDE2023J009	Vaishali Sahu* and Kashi Nath Sharma	MDE	Study of risks in high rise building projects in India and the mitigation measures	Asian Journal of Civil Engineering	International	2023	February	NA	NA	NA	N	Q2	Y	N
86	MDE2023J010	Prem Shanker Yadav, Zafar Said, Raghendra Gautam, Roshan Raman* and Hakan Caliskan	MDE	Novel investigation on atomization, performance, and emission characteristics of preheated jatropa oil methyl ester and ethyl ester	Energy	International	2023	February	270	NA	126870	SCIE	Q1	Y	N
87	MDE2023J011	Mohamed-Ouejdi Belarbi, Sattar Jedari Salami, Aman Garg , Ahmed-Amine Daikh, Mohamed-Sid-Ahmed Houari, Rossana Dimitri and Francesco Tornabene*	MDE	Mechanical behavior analysis of FG-CNT-reinforced polymer composite beams via a hyperbolic shear deformation theory	Continuum Mechanics and Thermodynamics	International	2023	February	35	NA	497-520	SCIE	Q1	Y	N
88	MDE2023J012	Aman Garg* , Simmi Gupta, Hanuman D. Chalak, Mohamed-Ouejdi Belarbi, Abdelouahed Tounsi, Li Li and A.M. Zenkour	MDE	Free vibration analysis of power-law and sigmoidal sandwich FG plates using refined zigzag theory	Advances in Materials Research	International	2023	May	12	1	43-65	N	Q2	N	N
89	MDE2023J013	Aman Garg* , Mohamed-Ouejdi Belarbi, Li Li, Neha Sharma, Ayushi Gupta and Hanuman Devidas Chalak	MDE	Free vibration analysis of bio-inspired helicoid laminated composite plates	Journal of Strain Analysis for Engineering Design	International	2023	February	NA	NA	NA	SCIE	Q2	Y	N
90	MDE2023J014	Manju Dabass* , Jyoti Dabass , Sharda Vashisth and Rekha Vig	MDE	A hybrid U-Net model with attention and advanced convolutional learning modules for simultaneous gland segmentation and cancer grade prediction in colorectal histopathological images	Intelligence-Based Medicine	International	2023	January	7	NA	100094	N	Q2	N	N
91	MDE2023J015	Yunis Khan, Roshan Raman* , Mohammad Mehdi Rashidi, Hakan Caliskan, Manish Kumar Chauhan and Akhilesh Kumar Chauhan	MDE	Thermodynamic analysis and experimental investigation of the water spray cooling of photovoltaic solar panels	Journal of Thermal Analysis and Calorimetry	International	2023	March	NA	NA	1-12	SCIE	Q1	Y	N
92	MDE2023J016	Ghanishtha Narang , Mona Aggarwal* , Hemani Kaushal, Atul Kumar and Swaran Ahuja	MDE	Performance Analysis of Differential Chaos Shift Keying in Free Space Optical Communication with Diversity Techniques	IEEE ACCESS	International	2023	May	NA	NA	1-10	SCIE	Q1	Y	N
93	MDE2023J017	B. N. Ramakrishna , P. D. Mishra*, T. Subramanya Ganesh , Sharda Vashisth and Amitava Sen Gupta	MDE	A long baseline tracking network for improved NavIC orbit determination	Journal of Astrophysics and Astronomy	International	2023	May	44	48	1-10	SCIE	Q3	Y	N
94	MDE2023J018	Vaishali Sahu* and Anisha Rani	MDE	Effect of Sea Water on the Quaternary Cement Concrete	Advance Researches in Civil Engineering	International	2022	December	4	4	26-37	N	N	Y	N
95	MDE2023J019	Ghanishtha Narang , Mona Aggarwal* , Hemani Kaushal and Swaran Ahuja	MDE	Enhancing the security of free space optical communication system by employing chaos-based modulation scheme	Journal of Optical Communications	International	2023	February	NA	NA	1-11	N	Q3	Y	N

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96	MDE2023J020	Anshu Sharma, M.O. Belarbi, Aman Garg* and Li Li	MDE	Bending analysis of bio-inspired helicoidal/Bouligand laminated composite plates	Mechanics of Advanced Materials and Structures	International	2023	May	NA	NA	1-15	SCIE	Q1	Y	N
97	MDE2023J021	Sarita Yadav , Mona Aggarwal* , Anshul Vats and Swaran Ahuja	MDE	Performance analysis of a dual-hop parallel relayed mixed FSO-UWOC system	Journal of Optical Communications	International	2023	March	NA	NA	1-7	N	Q3	Y	N
98	MDE2023J022	Kamaljit Singh, Virat Khanna, Sonu, Satnam Singh , Suneev Anil Bansal, Vishal Chaudhary, Ajit Khosla*	MDE	Paradigm of state-of-the-art CNT reinforced copper metal matrix composites: processing, characterizations, and applications	Journal of Materials Research and Technology	International	2023	May	24	NA	8572 - 8605	SCIE	Q1	Y	N
99	MDE2023J023	Ben Abdallah Medjdoubi, Mohammed Sid Ahmed Houari*, Mohamed Sadoun, Aicha Bessaim, Ahmed Amine Daikh, Mohamed-Ouejdi Belarbi, Abdelhak Khechai, Aman Garg and Mofareh Hassan Ghazwani	MDE	On the effect of porosity on the shear correction factors of functionally graded porous beams	Coupled Systems Mechanics	International	2023	May	12	3	199-220	N	Q2	Y*	N
100	MDE2023J024	Shaifali Ruhil* , Vandana Khanna , Umesh Dutta and Neeraj Kumar Shukla	MDE	A 7T high stable and low power SRAM cell design using QG-SNS FinFET	AEU - International Journal of Electronics and Communications	International	2023	May	168	NA	154704	SCIE	Q1	Y	N
101	MDE2023J025	Lokesh Choudhary* , Vaishali Sahu , Archanaa Dongre and Anu Tonk	MDE	Macro- and microstructural durability investigations of sustainable ternary geopolymer concrete paver blocks	European Chemical Bulletin	International	2023	June	12	Si6	5474-5494	N	Q3	Y	N
102	MDE2023J026	Akash Kumar Mishra , Anu Tonk* , Vandana Khanna , Lokesh Choudhary and Bharti	MDE	A conceptual framework for automated monitoring of attendance	Journal of Harbin Engineering University	International	2023	June	44	7	197-206	N	Q4	N	N
103	MDE2023J027	Anshu Sharma, Anu Tonk , Aman Garg* , Li Li and H.D. Chalak	MDE	First-ply failure analysis of bioinspired double and cross-helicoidal laminated sandwich plates	AIAA JOURNAL	International	2023	July	NA	NA	NA	SCIE	Q1	Y*	N
104	MDE2023J0001	Anjali Garg* , Ritik Bhatia , Yukti Minocha	MDE	Hardware implementation of single-phase photovoltaic inverter using my-RIO	Applied Solar Energy	International	2023	August	59	2	125-134	N	Q3	Y	N
105	MDE2023J0002	Sagar Paruthi, Neha Sharma, Reeta Gulia , Lokesh Choudhary , Anshu Sharma , M. O. Belarbi , Aman Garg* , Li Li H. D. Chalak	MDE	Thermal-based free vibration and buckling behavior of bio-inspired cross- and double-helicoidal/bouligand laminated composite plates	Acta Mechanica Solida Sinica	International	2023	July	NA	NA	NA	SCIE	Q2	Y	N
106	MDE2023J0003	Sarita Yadav , Mona Aggarwal* , Swaran Ahuja , Anshul Vats , Pooja Sabherwal	MDE	Performance analysis of UAV assisted triple-hop mixed FSO/RF/UWOC system with altitude optimization	Journal of Optical Communication	International	2023	July	NA	NA	NA	N	Q3	Y	N
107	MDE2023J0004	Niragi Dave*, Vaishali Sahu	MDE	Measurement of durability properties of unitary and binary mortars containing supplementary cementitious materials	Indian Concrete Journal	National	2023	June	97	6	46-54	N	Q4	N	N
108	MDE2023J0005	Anshu Sharma , Neeraj Kumar Shukla , Md. Ouejdi , Md. Abbas , Aman Garg* , Li Li, Javed Bhutto, Anmol Bhatia	MDE	Bio-inspired nacre and helicoidal composites: From structure to mechanical applications	Thin-Walled Structures	International	2023	September	192	NA	1-29	SCIE	Q1	Y	N
109	MDE2023J0006	Neeraj Kumar Shukla , Aman Garg* , Javed Bhutto , Mona Aggarwal , M. Ramkumar Raja , Hany S Hussein , T M Yunus Khan , Pooja Sabherwal	MDE	An insight into the prediction of mechanical properties of concrete using machine learning techniques	Computers and Concrete	International	2023	September	32	3	263-286	SCIE	Q1	Y	N
110	MDE2023J0007	Nisheeth Agnihotri*, Vaishali Sahu	MDE	Alkali silica reactivity of cements with manufactured sands obtained through recycling	Indian Concrete Journal	National	2023	October	97	10	20-30	N	Q4	N	N

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111	MDE2023J0008	Hala H. Alhashim, Abdullah Mohamad , ayet, Neeraj Kumar Shukla, Shilpi Birla Mona Aggarwal , Anshul Vats Hemani Kaushal , Piyush Kuchhal, Ramy Mohammed Alesh Qaisi , Pooja Sabherwal , Mohammed Abdul Muqet	MDE	An insight to the outage performance of multi-hop mixed RF/FSO/UWOC system	Photonics	International	2023	September	10	9	1-15	SCIE	Q3	Y	N
112	MDE2023J0009	Phagun Mehta* ,Manju Singh Tonk, Kautliya Chaudhary, Vikas Siwach, Anu Tonk	MDE	Mathematical modelling for crop selection using fuzzy logic	Asian Journal of Agricultural Extension, Economics & Sociology	International	2023	September	41	10	225-240	N	N	Y	N
113	MDE2023J0010	Ankit Singh , Aman Garg* , Vaishali Sahu	MDE	Stability and mode shape analysis of doubly- and cross-helical laminated sandwich plates inspired from dactyl's club	Mechanics of Advanced Materials and Structures	International	2023	October	NA	NA	'NA	SCIE	Q1	N	N
114	MDE2023J0011	C.Vijesh Joe, Haewon Byeon* , Anand Kumar Singh, C. Ramesh Kumar, Aaquil Bungalowala Anu Tonk	MDE	Optimized Reversible Logic Multiplexer Designs for Energy-Efficient Nanoscale Computing	Indonesian Journal of Electrical Engineering and Informatics	International	2023	September	11	3	'621-629	N	Q3	Y	N
115	MDE2023J0012	Anshu Sharma , Anu Tonk , Aman Garg* , Li Li.H. , D. Chalak	MDE	First-Ply Failure Analysis of Helicoidal/Bouligand Bio-Inspired Laminated Composite Plates	AIAA Journal	International	2023	August	NA	NA	'1-11	SCIE	Q1	Y	N
116	MDE2023J0013	Shubham Bansal, Lokesh Choudhary* Megha Kalra, Niragi Dave, Anil Kumar Sharma	MDE	Mechanical and microstructural characteristics of structural concrete containing RCA treated with sodium metasilicate	Journal of Engineering Design and Technology	International	2023	November	NA	NA	'NA	ESCI	Q2	Y	N
117	MDE2023J0014	Neeraj kumar shukla , Aman Garg* , Javed Bhutto , Mona Aggarwal , Mohamed Abbas , Hany S Hussein , Rajesh Verma , T M Yunus Khan	MDE	Predicting the compressive strength of SCC containing nano silica using surrogate machine learning algorithms	Computers and Concrete	International	2023	October	32	4	'373-381	SCIE	Q1	Y	N
118	MDE2023J0015	Chhviraj Chauhan*, Monika Agrawal, Pooja Sabherwal	MDE	Accurate QRS complex detection in 12-lead ECG signals using multi-lead fusion	Measurement	International	2023	October	223	0	'1-13	SCIE	Q1	Y	N
119	MDE2023J0016	Akanksha Mathur* , Anjan Ray, S R Kale	MDE	Experimental investigation of impact of fire size on heat transfer and flame behavior of initial stage unsteady pool fires inside a cubical enclosure	Journal of Thermal Engineering	International	2023	November	9	6	'1-12	ESCI	Q3	N	N
120	MDE2023J0017	Deepika* , Sharda Vashisth , Prabha Sharma	MDE	An efficient traffic sign classification and recognition with deep convolutional neural networks	International Journal of Convergence in Healthcare	International	2023	October	3	2	'23-29	N	N	Y	N
121	MDE2023J0018	Deepika* , Sharda Vashisth , Prabha Sharma	MDE	Effectiveness of focal loss for traffic sign detection using deep neural networks	International Journal of Convergence and Healthcare	International	2023	October	3	2	'15-22	N	N	Y	N
122	MDE2023J0019	Rahul Kumar *, Manoj Kumar Gopallya , Hasim Khan , Mohammad Sikandar Azam, Dillip Kumar Biswal	MDE	Analysis of thrust pad bearing under mixed-EHL regime considering combined effect of deterministic and stochastic surface roughness	Journal of the Brazilian Society of Mechanical Sciences and Engineering	International	2023	October	45	NA	'1-25	SCIE	Q1	Y	N
123	SOL2023J0001	Unanza Gulzar*	SOL	A critical assessment of alternative dispute resolution process for banking sectors	CPJ Law Journal	National	2022	July	12	2	175-186	N	N	N	N
124	SOL2023J0002	Unanza Gulzar*	SOL	An appraisal of jolting insertion of mediation under consumer protection act, 2019	Kashmir Journal of Legal Studies	National	2023	July	9	3	207-222	N	N	N	N

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125	SOM2023J001	Trishala Chauhan, Shilpa Sindhu and Rahul S.Mor*	SOM	Analysing the enablers of customer engagement in healthcare using TISM and fuzzy MICMAC	Applied System Innovation	International	2022	December	6	1	Ahead of Print	ESCI	Q1	N	N
126	SOM2023J002	Raveena *and Deergsha Sharma	SOM	Determining the linkage of environment performance reporting with the financial performance of the indian banking system	Prestige International Journal of Management and Research	International	2023	March	12	2	27-35	N	N	Y*	N
127	SOM2023J003	Ms. Mahima Anand* and Sushmita Biswal Waraich	SOM	A review on career development initiatives for outsourced employees	International journal of Advances in Management and Economics	International	2021	August	10	5	1 10	N	N	Y*	N
128	SOM2023J004	Purnima Rao*, Shubhangi Verma, Akshat Aditya Rao and Rajni Joshi	SOM	A conceptual framework for identifying sustainable business practices of small and medium enterprises	Benchmarking-An International Journal	International	2022	August	NA	NA	NA	ESCI	Q1	Y	N
129	SOM2023J005	Purnima Rao*, Satish Kumar, Lim Weng Marc and Akshat Aditya Rao	SOM	The ecosystem of research tools for scholarly communication	Library Hi tech	International	2022	October	NA	NA	NA	SSCI	Q1	Y	N
130	SOM2023J006	M SreeKanth*, Purnima Rao, Shubhangi Verma and Akshat Aditya Rao	SOM	Digital and financial inclusion: the classic case of stree nidhi	Enterprise Development and Microfinance	International	2023	March	33	3	NA	N	Q4	Y	N
131	SOM2023J007	Parul Munjal*, P. Malarvizhi and Deergsha Sharma	SOM	Social performance reporting in the Indian banking sector- exploring linkage with financial performance	Afro Asian Journal of Finance and Accounting	International	2023	March	13	2	192-209	N	Q3	Y	N
132	SOM2023J008	Nitin Gupta*, Prem Vrat and Ravindra Ojha	SOM	Service quality in banking sector:An analysis using the SWARA methodology	Vision-The Journal of Business Perspective	International	2023	February	NA	NA	NA	ESCI	Q2	Y*	N
133	SOM2023J0001	Parul Munjal*, P. Malarvizhi, Deergsha Sharma	SOM	Social performance reporting in indian banking sector - exploring linkage with financial performance	Afro-Asian Journal of Finance and Accounting	International	2023	14 March 2023	13	2	192-209	N	Q3	Y	C
134	SOM2023J0002	Nitin Gupta*, Prem Vrat, Ravindra Ojha	SOM	People quality measurement in service industry: A new approach	Metamorphosis	International	2023	June	22	1	55-72	N	N	N	N
135	SOM2023J0003	Deergsha Sharma*, Pawan Kumar	SOM	Prioritizing the attributes of sustainable banking performance	International Journal of Productivity and Performance Management	International	2023	October	NA	NA	NA	ESCI	Q1	Y	B
136	SOM2023J0004	Radhika Narula, Purnima Rao*, Akshat Aditya Rao	SOM	Impact of ESG on firm value: a conceptual review of literature	Journal of Social and Economic Development literature	International	2023	September	25	NA	NA	ESCI	Q2	Y	C
137	SOM2023J0005	Trishala Chauhan, Shilpa Sindhu*, Rahul S Mor	SOM	Modelling the factors impacting customer engagement for branded content in healthcare	International Journal of Pharmaceutical and Healthcare Marketing	International	2023	October	NA	NA	NA	ESCI	Q2	Y	C

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138	SOM2023J0006	Ritu Yadav, chand prakash* , Amit Dangi	SOM	Entrepreneurial orientation to sustainable entrepreneurial orientation: Mediating effect of social orientation	Dynamic Relationships Management Journal	International	2023	November	12	2	'97-108	N	Q3	N	N
139	SOM2023J0007	Chand Prakash* , Ritu Yadav, K Tara Shankar	SOM	An empirical study of job aspirants perception towards e-recruitment practices	International Journal of Public Sector Performance Management	International	2023	September	12	3	'317-333	N	Q3	Y	N
140	SOM2023J0008	Parul Kumar, Rekha Pillai* , Neha Kumar , Mosab I. Tabash	SOM	The interplay of skills, digital financial literacy, capability, and autonomy in financial decision making and well-being	Borsa Istanbul Review	International	2023	January	23	1	'169-183	SCI	Q1	Y	N
141	SOM2023J0009	Chand Prakash* , Nisha Gaur, Ritu Yadav	SOM	Analyzing the Influence of Occupational Stress on the Work-Life Balance of Jurisdictional Professionals: A Qualitative Study	SAMIKHIYA	International	2023	December	2	2	'116-126	N	N	Y	N
142	SOM2023J0010	Aarti, Ravin Kadian, Chand Prakash*	SOM	Causes of University Students' Disaffection: Study of Professional and Non-professional Courses	International Journal of Educational Reform	International	2023	November	NA	NA	'1-18	N	Q3	Y	N
143	SOM2023J0011	Simran Behl, Samiksha Jain*	SOM	Lost Love, Found Strength: Exploring Grief and Resilience in Youth Post- Breakup	Humanities and Social Science Studies	National	2023	December	12	2	'137-147	N	N	N	N
144	SOM2023J009	Jonika Lamba* , Esha Jain and Dr Priyanka Banerji	SOM	Unprecedented influence of confirmed COVID 19 death cases on indian stock market	JIM QUEST Journal of Management and Technology	National	2023	April	19	2	107-124	N	N	Y	N
145	SOM2023J010	Perna Sharma* and Swarnjeet Arora	SOM	Environmental disclosure practices in india: A comparative study of tata consultancy services and wipro Ltd.	Prestige International Journal of Management and Research	International	2021	July	12	2	48-57	N	N	Y*	N
146	SOM2023J011	*Mansi Yadav and Swarnjeet Arora	SOM	Financial behaviour among students in delhi ncr	UNNATI The Business Journal	National	2022	June	10	1	20 -27	N	N	Y*	N
147	SOM2023J012	*Mansi Yadav and Swarnjeet Arora	SOM	Measuring financial literacy among the students of professional courses	NLDIMSR Innovision Journal of Management Research	National	2021	December	5	2	7-23	N	N	Y	N
148	SOM2023J013	*Mansi Yadav and Priyanka Banerji	SOM	A bibliometric analysis of digital financial literacy	American Journal of Business	International	2023	May	NA	NA	NA	ESCI	N	Y	N
149	SOM2023J014	Veepan Kumar*, Prem Vrat and Ravi Shankar	SOM	MCDM Model to rank the performance outcomes in the implementation of Industry 4.0	Benchmarking: An International Journal	International	2023	July	NA	NA	NA	ESCI	Q1	Y	N

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1	APS2023P001	Nur Hidayah Ab Razak, Shahrulnizahana Mohammad Din, Nik Ahmad Nizam Nik Matek*, Wan Rosmiza Zana Wan Dagang, Nurliyana Ahmad Zawawi and Tejpal Singh Chundawat	APS	Antibacterial activity of biosynthesized green silver nanoparticles from orthoniphon aristatus against marine bacteria	AIP Conference Proceeding	International	The 4th International Conference on Life Science and Technology (ICoLIST), Indonesia (Online Mode)	2023	January	24th January	AIP Proceedings	1-9	0094-243X	Scopus, Google Scholar
2	APS2023P002	Nidhi Verma , Manju, Tejpal S. Chundawat and Dipti Vaya*	APS	Role of N-ZnO/GO and Fe2O3-ZnO in photocatalytic activity	National Conference on Physics and Chemistry of Materials (AIP Conference Proceeding)	National	Department of Physics Government Holkar (Model, Autonomous) Science College , Indore	2021	September	13-Sep	AIP Publishing	2369	1551- 7616	Scopus
3	APS2023P003	Reena Gadhwal * and Ambika Devi	APS	Theoretical evaluation of physicochemical parameters of (Ge20Te80)x(Se80Te20)100-x pseudobinary chalcogenide glassy alloy	3rd International Conference On Frontiers of Science and Technology (ICFST-21) (AIP Conference Proceedings)	International	KIET Group of Institutions, Delhi-NCR, Ghaziabad	2022	December	13-14 August, 2021	American Institute of Physics	70007	1551-7616	Scopus
4	CSE2023P001	Abdul Shareef Pallivalappil,Divyanshu Sinha,P. Lalitha Kumar* and Anvesha Katti	CSE	Evaluation of digital wallet transaction accuracy using machine learning	2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering (ICACITE)	International	Galgotias College of Engineering Greater Noida, India	2022	August	28-29 April 2022	IEEE Explore	239-244	978-1-6654-3789-9	Scopus, Google Scholar
5	CSE2023P002	Anu Yadav *, Prabha Sharma and Yogita Gigras	CSE	Image encryption using hyper elliptic curve and phase truncate transformation	2022 Fifth International Conference on Computational Intelligence and Communication Technologies (CCICT)	International	BMIET Campus, Sector 10, NCR, Sonapat (HR) INDIA	2022	October	8-9 July, 2022	IEEE Explore	576-583	978-1-6654-7224-1	Scopus, Google Scholar
6	CSE2023P003	Srishti Sharma , Mala Saraswat* and Anil Kumar Dubey	CSE	Multi-aspect sentiment analysis using domain ontologies	4th Iberoamerican Conference and Third Indo-American Conference, KGSWC 2022, Madrid, Spain Part of the Communications in Computer and Information Science Book Series	International	Madrid, Spain	2022	November	November 21–23, 2022	Springer, Cham	263-276	978-3-031-21421-9	Scopus, Google Scholar
7	CSE2023P004	Lakshay Goyal , Anuradha Dhull , Akansha Singh, Sonal Kukreja * and Krishna Kant Singh	CSE	VGG-COVID Net: A novel model for COVID detection from XRay and CT scan images	Procedia Computer Science	International	UPES Dehradun	2023	January	--	Elsevier	1926–1935	1877-0509	Scopus
8	CSE2023P005	Sumit Pandey * and Srishti Sharma	CSE	ML algorithms that have been utilised to classify neuro-developmental disorders: A review	6th International Conference on on Information System and Computer Network (IISCON)	International	GLA University Mathura, India	2023	May	March 3-4	IEEE	(1-5)	979-8-3503-4696-1	Scopus
9	CSE2023P0001	Anvesha Katti *	CSE	Novel node deployment strategies for wireless sensor networks	Proceedings of the International Conference on Automation and Computation, AutoCom 2022, Dehradun, India	International	Graphic Era Hill University, Dehradun	2023	July	9 to 11 November 2022	Taylor and Francis	50-55	9781003333500	Google Scholar
10	CSE2023P0002	Deepika *, Meghna Sharma , Shaveta Arora	CSE	Machine learning advances in diagnosing attention deficit and hyperactivity disorder	International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2023	International	Hinweis Research , hyderabad , india	2023	June	15-16 June 2023	Grenze Scientific Society (Grenze International Journal of Engineering and Technology)	2359-2366	2395-5295	Scopus
11	MDE2023P001	Akanksha Avnish Bhardwajan, Prem Ranjan Dubey*, Sharda Vashisth , T Subramanya Ganesh, Amitava Sen Gupta and M R Raghavendra	MDE	Pulsed interference mitigation for a NavIC reference receiver	2022 URSI Regional Conference on Radio Science (USRI-RCRS)	International	IIT Indore	2023	May	01 to 04 December 2022	IEEE	NA	978-9-4639-6808-9	Google Scholar
12	MDE2023P002	P.D. Mishra*, B.N. Ramakrishna, Nandini Harinath, Sharda Vashisth and Amitava Sen Gupta	MDE	Orbit propagator coefficients for earth orbiting satellites	2022 URSI Regional Conference on Radio Science (USRI-RCRS)	International	IIT Indore	2023	may	1 to 04 December 2022	IEEE	NA	978-9-4639-6808-9	Google Scholar
13	MDE2023P0001	Anu Tonk * ,Dharmesh Dhablia,Sheril S, Ahmed H. R. Abbas , Abduvalieva Dilsora	MDE	Intelligent robotics: Navigation, planning and human-robot interaction	International Conference On Newer Engineering Concepts and Technology	International	K.Ramakrishnan College of Technology, Tiruchirappalli	2023	July	27-28 April 2023	E3S Web of Conferences	1-10	2267-1242	Scopus, Google Scholar

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14	MDE2023P0002	Neeraj Kumar Shukla , Mausa Sharif Alfaifi , Shilpi Birla , Vandana Khanna *, M. Abdul Muqeet	MDE	A novel approach for dynamic power reduction in SRAM cache memory bit-cell at deep sub-micron CMOS technology	IEEE World Conference on Communication and Computing 2023	International	Kalinga University, Raipur, India	2023	September	14-16 July 2023	IEEE	1-4	979-8-3503-1120-4	Scopus, Google Scholar
15	MDE2023P0003	Neha Sanewal *, Vandana Khanna	MDE	Solar power prediction in north india using different regression models	IEEE World Conference on Applied Intelligence and Computing, AIC 2023	International	Rajkiya Engineering College, Sonbhadra and Soft Computing Research Society	2023	October	29-30 July 2023	IEEE	364-369	979-8-3503-1007-8	Scopus, Google Scholar
16	MDE2023P0004	Neha Sanewal *, Vandana Khanna	MDE	Investigating tree family machine learning algorithm for solar power prediction of 150 KW PV array system	International Conference on IoT, Communication and Automation Technology 2023	International	Buddha Institute of Technology, Gorakhpur	2023	October	23-24 June 2023	IEEE	1-5	979-8-3503-0283-7	Scopus, Google Scholar
17	SOL2023P0001	Tavleen Kaur Khurana *	SOL	Digital participation of the elderly populace: The need for an inclusive and protective andragogy and practice	International Conference on Law and Legal Education During and Post-Pandemic	International	Bangladesh Institute of Law and International Affairs, Dhaka, Bangladesh	2022	August	13 to 16 Jan, 2022	Bangladesh Institute of Law and International Affairs	271-282	978-984-35-2841-4	NA
18	SOM2023P001	Janika Lamba and Esha Jain *	SOM	Impact of upsurge in covid-19 cases on indian stock market: A machine learning approach	3rd International Conference on Computation, Automation and Knowledge Management (ICCAKM)	International	Dubai, United Arab Emirates	2022	December	15-17 Nov, 2022	IEEE Explore	1-8	978-1-6654-5319-6	Scopus, Google Scholar

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1	APS2023B001	Anshu	APS	Futuristic Trends in Computing Technologies and Data Science	Iterative International Publishers	International	2022	November	978-81-959356-3-5	NA
2	MDE2023B001	Xianguo Li, Mohammad Mehdi Rashidi, Rohit Singh Lather and Roshan Raman*	MDE	Emerging Trends in Mechanical and Industrial Engineering Select Proceedings of ICETMIE 2022 Part of the book series: Lecture Notes in Mechanical Engineering	Springer	International	2023	January	978-981-19-6944-7	Scopus
3	MDE2023B002	Anu Tonk* and Abhimanyu Tonk	MDE	Fundamentals of Electrical and Electronics Engineering	San International	International	2023	July	978-81-963849-4-4	NA
4	SOM2023B001	M. Yuvaraju*, Saumya Sharma , Ram Subbiah and Zahid Parwez	SOM	Professional Ethics	RLK Enterprises	National	2023	January	978-81-961790-3-8	NA
5	SOM2023B002	Manisha Gupta*, Deergha Sharma and Himani Gupta	SOM	Revolutinizing Business Practices through Artificial Intelligence and Data Rich environments	IGI Global, USA	International	2022	September	9781668449509	Google Scholar
6	SOM2023B0001	Chand Prakash* , Animesh Singh, Yogita Sharma	SOM	Business Innovation, Transformation, Sustainability : Changing Global Paradigm	Bharti Publications	International	2023	December	978-81-19079-85-8	NA

Book Chapters (January - December 2023)

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	APS2023BC001	Parul Kaushik*, Hukum Singh, Ambika Devi	APS	38	Theoretical evaluation of (Ge20Se80)100-x(Si20Te80)x quaternary chalcogenide glassy alloy	Emerging Trends in Mechanical and Industrial Engineering Proceedings of ICETMIE 2022 Part of the Lecture Notes in Mechanical Engineering book series	Springer	International	2023	January	533-542	978-981-19-6945-4	Scopus
2	CLL2023BC001	Nimisha Yadav* and Shrutimita Mehta	CLL	24	Kolkata- a city of despair, poverty, and misery: a reflection on dominique lapierre's the city of joy	Commonwealth Literature- Comprehensive & Critical Perspectives	Cape Comorin Publisher	National	2023	March	132-138	978-93-94510-04-3	NA
3	CLL2023BC0001	Richa Sharma*, Shrutimita Mehta	CLL	23	Historical undepinnings: Tracing the past in the gunny sack by MG Vassarji	Commonwealth Literature: Comprehensive and Critical Perspective	Cape Comorin, Tamil Nadu	National	2022	December	127-131	978-93-94510-04-3	NA
4	CLL2023BC0002	Payal Khurana	CLL	4	Existential trauma: emancipated women in distress	Currentia Literaria: Twenty first Century Perspectives on English Literature	Asian Press Books	National	2023	April	33-37	978-93-5788-017-6	NA
5	CSE2023BC001	Akanksha Kaushik, Jyotsna Singh and Shilpa Mahajan*	CSE	41	Recurrent Neural Network: A Flexible Tool of Computational Neuroscience Research	Proceedings of the Third International Conference on Information Management and Machine Intelligence Part of the Algorithms for Intelligent Systems book series	Springer Singapore	International	2022	August	377-384	978-981-19-2065-3	Google Scholar
6	CSE2023BC0001	Yash Bansal, Shilpa Mahajan*	CSE	10	Network security breaches: comprehension and its implications	Perspectives on Ethical Hacking and Penetration Testing	IGI Global	International	2023	September	239-254	9781668482186	Google Scholar
7	CSE2023BC0002	Sumit Kumar*, Prachi*	CSE	7	Security and privacy concerns in smart healthcare	Security Implementation in Internet of Medical Things	CRC Press	International	2023	September	137	9781003269168	Scopus, Google Scholar
8	CSE2023BC0003	Sakshi Gandotra*, Rita Chhikara, Anuradha Dhull	CSE	43	Wheat, rice and corn yield prediction for jammu district using machine learning techniques	International Conference on Information and Communication Technology for Intelligent Systems, Part of the Smart Innovation, Systems and Technologies book series	Springer	International	2023	September	499-512	978-981-99-4039-4	Scopus, Google Scholar
9	CSE2023BC0004	Gaurav Aggarwal*, Kavita, Dinesh Kumar Saini, Mehak Khurana	CSE	8	Emerging security challenges in cloud computing: An insight	Intelligent Network Design Driven by Big Data Analytics, IoT, AI and Cloud Computing	Institute of Engineering and Technology (IET)	International	2022	September	159-180	978-1-83953-533-8	NA
10	MDE2023BC001	Roshan Raman*, Rahul Sharma, and Yunis Khan	MDE	33	Performance and emissions characteristics of CI engine fuelled with waste engine oil biodiesel	Emerging Trends in Mechanical and Industrial Engineering Select Proceedings of ICETMIE 2022 Part of the book series: Lecture Notes in Mechanical Engineering	Springer	International	2023	January	457-465	978-981-19-6944-7	Scopus
11	MDE2023BC002	Manoj Kumar Gopaliya*	MDE	10	Numerical study of F1 car rear wing assembly	Application of Soft Computing Techniques in Mechanical Engineering	CRC Press	International	2022	December	133-143	9781003257691	NA
12	MDE2023BC003	Roshan Raman* and Aayush Kumar	MDE	11	Potential, scope and challenges of industry 4.0	A Roadmap for Enabling Industry 4.0 by Artificial Intelligence	Wiley	International	2022	November	201-213	9781119905141	NA
13	MDE2023BC004	Roshan Raman and Aditya Ranjan*	MDE	12	Industry 4.0 and manufacturing techniques: opportunities and challenges	A Roadmap for Enabling Industry 4.0 by Artificial Intelligence	Wiley	International	2022	November	215-246	9781119905141	NA

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14	MDE2023BC005	Sudershan Kumar, Shaifali Ruhil* , Neeraj K.R. Shukla and Shilpi Birla	MDE	83	Analysis of triple-threshold technique for power optimization in SRAM bit-cell for low-power applications in 45 Nm CMOS technology	Intelligent Computing Techniques for Smart Energy Systems Part of the Lecture Notes in Electrical Engineering book series	Springer	International	2019	December	611-618	978-981-15-0216-3	Scopus
15	MDE2023BC006	Roshan Raman	MDE	2	Acetylene as a sustainable fuel for diesel engine a case study	Enabling Methodologies for Renewable and Sustainable Energy	CRC Press	International	2023	March	1-29	9781003272717	NA
16	MDE2023BC007	Raman Yadav, Vineet Dahiya*, and Sharda Vashisth	MDE	33	The automation of different plaque shapes to compute influence of blood flow and wall shear stress in stenosed artery using ANSYS	Renewable Energy Optimization, Planning and Control, Proceedings of IC RTE 2022 (Part of the Studies in Infrastructure and Control book series)	Springer	International	2023	March	369-378	978-981-19-8962-9	NA
17	MDE2023BC008	Aakriti Khanna*, Anjali Garg , and Sreedhar Madichetty	MDE	29	Harmonic performance analysis for different loads with and without PV	Recent Developments in Electrical and Electronics Engineering , Proceedings of ICRDEEE 2022 (Part of the Lecture Notes in Electrical Engineering book series)	Springer	International	2023	May	363-373	978-981-19-7993-4	Scopus
18	MDE2023BC0001	Divyashree Yadav* , Vaishali Sahu , Akanksha Mathur	MDE	17	A review on plastic waste management using life cycle assessment approach	Recent Advances in Sustainable Waste Management Practices, Part of the Lecture Notes in Civil Engineering	Springer, Singapore	National	2023	September	215-224	978-981-99-4185-8	Scopus
19	MDE2023BC0002	Shiv Manjaree Gopaliya, Manoj Kumar Gopaliya*	MDE	4	Precision positioning of robotic manipulators in manufacturing processes through PID controller to contribute towards sustainability	Smart Technologies for Improved Performance of Manufacturing Systems and Services	Taylor & Francis	International	2023	September	51-59	9781003346623	Scopus, Google Scholar
20	SOL2023BC0001	Manjula Batra*	SOL	18	Gender equality and labour laws in india	India at 75: Reminiscences and Reflections	Indian law institute, New Delhi	National	2022	July	111-119	9788192792699	NA
21	SOL2023BC0002	Manjula Batra*	SOL	14	Commemorating dandi and the gandhian legacy of ahimsa and satyagraha	India at 75: Reminiscences and Reflections	Indian law institute, New Delhi	National	2022	July	85-88	9788192792699	NA
22	SOL2023BC0003	Manjula Batra*	SOL	8	A legal framework to prevent trafficking of women and young girls during disasters in India	Routledge Readings on law and social Justice	Routledge	International	2022	August	216-233	9781032468464, 9781003299554	Scopus
23	SOL2023BC0004	Raghav Pandey*, Arushi Anthwal	SOL	25	International trade and environmental protection	A Handbook of International Environmental Law	Thomson Reuters	National	2023	June	430-444	9789395696074	NA
24	SOL2023BC0005	Unanza Gulzar*	SOL	16	Critical appraisal of challenges to online consumer fissures in information technology law in India	Handbook of Research on Cyber Law, Data Protection, and Privacy	IGI Global	International	2022	April	277-291	9781799886433	Scopus, Google Scholar
25	SOL2023BC0006	Unanza Gulzar*	SOL	10	Democratic model of restorative justice: Sheath to the criminal justice system in India	Restorative Justice and Practices in the 21st Century	IGI Global	International	2023	April	225-249	9781668461471	Scopus
26	SOM2023BC001	S.K .Breja	SOM	76	Role of certified reference materials (CRMs) in standardization, quality control and quality assurance	Handbook of Metrology & Applications	Springer	International	2022	December	1--19	978-981-19-1550-5	NA