LIST OF JOURNAL ARTICLES PUBLISHED FROM 2020 to 2025

2020

Sl. No.	Title of paper	Name of the author/s	Department	Name of Journal	Year of publication	Volume and Page number	DOI link	Scopus /SCI/ WOS	Quartile (As per SCImago)
1.	"Facile green synthesis of boroncarbonitride using orange peel; its application in high-performance supercapacitors and detection of levodopa in real samples."	Raghu, M. S., L. Parashuram, K. Yogesh Kumar, B. P. Prasanna, Srilatha Rao, Prakash Krishnaiah, K. N. Prashanth, CB Pradeep Kumar, and H. Alrobei.	Chemistry	Materials Today Communications	2020	24 (2020): 101033.	https://doi.org/10.1016/j.mtcomm.2020.101033	SCI	Q1
2.	"MoS2–Calix [4] arene Catalyzed Synthesis and Molecular Docking Study of 2, 4, 5-Trisubstituted Imidazoles As Potent Inhibitors of Mycobacterium tuberculosis."	Raghu, Madihalli S., Chikkur B. Pradeep Kumar, Kodalapura N. Nagendra Prasad, Maralekere K. Prashanth, Yogesh K. Kumarswamy, Sunkara Chandrasekhar, and Bantal Veeresh.	Chemistry	ACS Combinatorial Science	2020	22, no. 10 (2020): 509-518.	10.1021/acscombsci.0c00038	SCI	Q1
3.	"Fluorine substituted thiomethyl pyrimidine derivatives as efficient inhibitors for mild steel corrosion in hydrochloric acid solution: Thermodynamic, electrochemical and DFT studies."	Kumar, CB Pradeep, K. N. Mohana, M. S. Raghu, M. B. Jagadeesha, M. K. Prashanth, and N. K. Lokanath.	Chemistry	Journal of Molecular Liquids	2020	311 (2020): 113311.	https://doi.org/10.1016/j.molliq.2020.113311	SCI	Q1
4.	"Protection of mild steel corrosion by three new quinazoline derivatives: experimental and DFT studies."	Kumar, CB Pradeep, M. K. Prashanth, K. N. Mohana, M. B. Jagadeesha, M. S. Raghu, N. K. Lokanath, and K. Yogesh Kumar.	Chemistry	Surfaces and Interfaces	2020	18 (2020): 100446.	https://doi.org/10.1016/j.surfin.2020.100446	SCI	Q1
5.	Oral Malignancy Detection Using Color Features from Digital True Color Images	Nanditha B R, Geetha Kiran A, Chandrashekar H S, Dinesh M.S,Murali S	CSE	International Journal of Online and Biomedical Engineering (iJOE)	2020	Vol. 16, Issue: 14, pp. 95–106.	https://doi.org/10.3991/ijoe.v16i14.17429	SCI	Q2
6.	Highly sensitive photonic crystal based biosensor for Bacillus cereus	SS Ajey, HR Bhanumathi, PC Srikanth, Preeta Sharan	ECE	International Journal of Information Technology	2020	12, 1393-1402	https://doi.org/10.1007/s41870-020-00507-8	Scopus	Q2
7.	Reduction of Mislead Power and Mismatch Power Loss under Partial Shading Conditions using Novel Square Matrix Shade Dispersion Technique	S. Rajanna, Manjunath, H. N. Suresh	EEE	Solar Energy	2020	vol. 207, pp. 1364-1383	https://doi.org/10.1016/j.solener.2020.07.036	Scopus /SCI/ WOS	Q1
8.	Effect of different batteries and diesel generator on the performance of a stand-alone hybrid renewable energy system	M. Ramesh	EEE	Energy Sources Part A: Recovery Utilization, and Environmental Effects	2020	46(1), 7983–8005	https://doi.org/10.1080/15567036.2020.1763520	SCI	Q3
9.	Interaction of Al2O3-Ag and Al2O3-Cu hybrid nanoparticles with water on convectively heated moving material	G.K. Ramesh, **G.S. Roopa,** Sabir Ali. Shehzad, S.U. Khan	Mathematics	Multidiscipline Modeling in Materials and Structures	2020	Vol. 16(6), Pp. 1651-1667	https://doi.org/10.1108/MMMS-11-2019-0191	Scopus /SCI/ WOS	Q3
10.	Thermal and entropy generation of non-Newtonian magneto-Carreau fluid flow in microchannel	SA Shehzad, Macha Madhu, NS Shashikumar, BJ Gireesha, B Mahanthesh	Mathematics	Journal of Thermal Analysis and Calorimetry	2020	143 and 2717–2727	https://doi.org/10.1007/s10973-020-09706-8	Scopus /SCI/ WOS	Q1

11.	Performance of second law in Carreau fluid flow by an inclined microchannel with radiative heated convective condition	acha Madhu, B Mahanthesh, NS Shashikumar, SA Shehzad, SU Khan, BJ Gireesha	Mathematics	International Communications in Heat and Mass Transfer	2020	117 and 104761	https://doi.org/10.1016/j.icheatmasstransfer.2020.10476	Scopus /SCI/ WOS	Q1
12.	Impact of nonlinear thermal radiation on magnetohydrodynamic three dimensional boundary layer flow of Jeffrey nanofluid over a nonlinearly permeable stretching sheet	BJ Gireesha, M Umeshaiah, BC Prasannakumara, **NS Shashikumar**, M Archana	Mathematics	Physica A: Statistical Mechanics and its Applications	2020	549 and 124051	https://doi.org/10.1016/j.physa.2019.124051	Scopus /SCI/ WOS	Q1
13.	Finite element analysis of micropolar nanofluid flow through an inclined microchannel with thermal radiation	NS Shashikumar, Madhu Macha, BJ Gireesha, Naikoti Kishan	Mathematics	Multidiscipline Modeling in Materials and Structures	2020	16(6) and1521-1538	https://doi.org/10.1108/MMMS-11-2019-0198	Scopus /SCI/ WOS	Q2
14.	Magnetohydrodynamic flow of dusty fluid over Riga plate with deforming isothermal surfaces with convective boundary condition	BC Prasannakumara, NS Shashikumar, Gosikere Kenchappa Ramesh	Mathematics	Songklanakarin Journal of Science and Technology	2020	42(3) and 487-495.	https://www.thaiscience.info/Journals/Article/SONG/10992975.pdf	Scopus	Q3
15.	A novel approach for development of printed circuit board from biofiber based composites	Bharath KN, Madhu P, Gowda TG, Verma A, Sanjay MR, Siengchin S.	Mechanical Engineering	Polymer Composites	2020	41(11):4550-4558	https://doi.org/10.1002/pc.25732	SCIE	Q1
16.	Alkaline effect on characterization of discarded waste of Moringa oleifera fiber as a potential eco-friendly reinforcement for biocomposites	Bharath KN, Madhu P, Gowda TY, Sanjay MR, Kushvaha V, Siengchin S	Mechanical Engineering	Journal of Polymers and the Environment	2020	28, 2823-2836	https://doi.org/10.1007/s10924-020-01818-4	SCIE	Q1
17.	Preparation and characterization of new hybrid polymer composites from Phoenix pusilla fibers/E,Äêglass/carbon fabrics on potential engineering applications: Effect of stacking sequence	Madhu P, M. Rangappa S, Khan A, Al,ÄêZahrani SA, Al Otaibi A, Shivanna P, Moure MM, Siengchin S	Mechanical Engineering	Polymer Composites	2020	41(11):4572-4582	https://doi.org/10.1002/pc.25734	SCIE	Q1
18.	Performance characteristics of journal bearings (porous type): A coupled solution using Hartmann number and roughness parameter. Proceedings of the Institution of Mechanical Engineers	Kalavathi, G. K., Najar, F. A., &Vasundhara, M. G.	Mechanical Engineering	Part J: Journal of Engineering Tribology	2020	Vol. 234(5) 668,Äì675	10.1177/1350650119886709.	scopus /SCI/ WOs	(Q2)
19.	Experimental investigation on the mechanical and morphological behavior of Prosopis juliflora bark fibers/E,Äêglass/carbon fabrics reinforced hybrid polymeric composites for structural applications	Madhu P, Mavinkere Rangappa S, Khan A, Al Otaibi A, Al,ÄêZahrani SA, Pradeep S, Gupta MK, Boonyasopon P, Siengchin S	Mechanical Engineering	Polymer Composites	2020	41(12):4983-4993	https://doi.org/10.1002/pc.25768	SCIE	Q1
20.	A new study on effect of various chemical treatments on Agave Americana fiber for composite reinforcement: Physico-chemical, thermal, mechanical and morphological properties	Madhu P, Sanjay MR, Jawaid M, Siengchin S, Khan A, Pruncu CI	Mechanical Engineering	Polymer Testing	2020	85 and 106437	https://doi.org/10.1016/j.polymertesting.2020.106437	SCIE	Q1
21.	Studies on Tribological and Metal Forming Performance of Vegetable Oil-Based Lubricants	TP Jeevan, SR Jayaram	Mechanical Engineering	Springer Lecture Note	2020		https://doi.org/10.1007/978-981-15-1307-7_29	Scopus	
22.	Effect of sodium thiosulphate doping on growth, optical, thermal mechanical, dielectric, electrical and nonlinear optical properties of potassium hydrogen phthalate crystal	B C Hemaraju and A. P. Gnana Prakash	Physics	Chemical Data Collections	2020	30, 100572.	https://doi.org/10.1016/j.cdc.2020.100572	Scopus /WOS	Q3
23.	Growth and impedance analysis of pure TGAc and dye doped TGAc crystals-enhanced dielectric permittivity for energy-storage devices	P R Deepthi, A Sukhdev, P M Kumar, J Shanthi, and B C Hemaraju	Physics	SN Applied Sciences	2020	2, 1–12	https://doi.org/10.1007/s42452-020-03295-9	Scopus	Q2
24.	Crystal structure, Hirshfeld surfaces, Topology, Energy frameworks and Dielectric studies of 1-(2-chlorophenyl)-3,3-bis(methylthio)prop-2-en-1-one	S Madan Kumar, B C Hemaraju, S M Anil, Manjunatha N K, S Thammannagowda M, N K Lokanath,	Physics	Zeitschrift für Kristallographie-	2020	235(3), 85-93	https://doi.org/10.1515/zkri-2019-0065	Scopus	Q1

		Mohammed Al-Ghorbani, Nabil Al-Zaqri and Ali Alsalme		Crystalline Materials					
25.	Magnetoelastic Transition in Energy Efficient Magnetic Refrigerant Ni50Mn32Sn18 Heusler Alloy, Advances in Sustainability Science and Technology,	A. A. Prasanna	Physics	Advances in Sustainability Science and Technology, Springer Nature,	2020	May 2021 In book: Innovations in Sustainable Energy and Technology, Proceedings of ISET 2020 (pp.155-160)	https://www.researchgate.net/publication/351565655_Magnetoelastic_Transition_in_Energy_Efficient_Magnetic_Refrigerant_Ni50Mn32Sn18_Heusler_Alloy	Scopus	Q3
26.	Martensitic transformation behavior and structural characteristics of annealed Ni-Mn-Sn-Fe-In Heusler alloy,	Sandeep Nambiar S., Murthy B.R.N., Sathyashankara S., Prasanna A.A	Physics	Journal of Physics: Conference Series,	2020	Vol. 2070 Issue number 1, 2021	https://researcher.manipal.edu/en/publications/martensitic-transformation-behavior-and-structural-characteristic	Scopus	Q3
27.	Study on effects of shockwave treatment on PVA films in view of electrical property changes	K Thirumalesh, SP Raju, HM Somashekarappa, K Swaroop	Physics	Materials Research Express	2020	7 (1), 015344	https://doi.org/10.1088/2053-1591/ab6ca1	Scopus	Q2
28.	Shock wave treated PVA films as alternative bio degradable polymer for packaging industry	K Thirumalesh, SP Raju, HM Somashekarappa, K Swaroop	Physics	JOURNAL OF NANO- AND ELECTRONIC PHYSICS	2020	2, 2020	DOI: 10.21272/jnep.12(2).02034	Scopus	Q3
	2021								
	Title of paper	**Name of the author/s**	**Department**	**Name of journal**	**Year of publication**	**Volume and Page number**	**DOI link**	**Scopus /SCI/ WOS**	**Quartile (As per SCImago)**
1.	"Discovery of a novel series of substituted quinolines acting as anticancer agents and selective EGFR blocker: Molecular docking study."	Kumar, CB Pradeep, M. S. Raghu, B. S. Prathibha, M. K. Prashanth, G. Kanthimathi, K. Yogesh Kumar, L. Parashuram, and Fahad A. Alharthi.	Chemistry	Bioorganic & Medicinal Chemistry Letters	2021	44 (2021): 128118.	https://doi.org/10.1016/j.bmcl.2021.128118	SCI	Q2
2.	"N-doped reduced graphene oxide anchored with 未Ta2O5 for energy and environmental remediation: Efficient light-driven hydrogen evolution and simultaneous degradation of textile dyes."	Kumar, K. Yogesh, L. Parashuram, M. K. Prashanth, CB Pradeep Kumar, Fahad A. Alharti, Prakash Krishnaiah, Byong-Hun Jeon, Mani Govindasamy, and M. S. Raghu.	Chemistry	Advanced Powder Technology	2021	32, no. 7 (2021): 2202-2212.	https://doi.org/10.1016/j.apt.2021.04.031	SCI	Q1
3.	"Effect of OH, NH2 and OCH3 groups on the corrosion inhibition efficacy of three new 2, 4, 5-trisubstituted imidazole derivatives on mild steel in acidic solutions: experimental, surface and DFT explorations."	Prashanth, M. K., CB Pradeep Kumar, B. S. Prathibha, M. S. Raghu, K. Yogesh Kumar, M. B. Jagadeesha, K. N. Mohana, and Honnur Krishna.	Chemistry	Journal of Molecular Liquids	2021	329 (2021): 115587.	https://doi.org/10.1016/j.molliq.2021.115587	SCI	Q1
4.	"Adsorption of anionic dye on eco-friendly synthesised reduced graphene oxide anchored with lanthanum aluminate: Isotherms, kinetics and statistical error analysis."	Alrobei, H., M. K. Prashanth, C. R. Manjunatha, CB Pradeep Kumar, C. P. Chitrabanu, Prasanna D. Shivaramu, K. Yogesh Kumar, and M. S. Raghu.	Chemistry	Ceramics International	2021	47, no. 7 (2021): 10322-10331.	https://doi.org/10.1016/j.ceramint.2020.07.251	SCI	Q1
5.	"Click synthesis of 1, 2, 3-triazole based imidazoles: Antitubercular evaluation, molecular docking and HSA binding studies."	Kumar, CB Pradeep, B. S. Prathibha, K. N. N. Prasad, M. S. Raghu, M. K. Prashanth, B. K. Jayanna, Fahad A. Alharthi, S. Chandrasekhar, H. D. Revanasiddappa, and K. Yogesh Kumar.	Chemistry	Bioorganic & Medicinal Chemistry Letters	2021	36 (2021): 127810.	https://doi.org/10.1016/j.bmcl.2021.127810	SCI	Q2
6.	"Simple in-situ functionalization of polyaniline with boroncarbonitride as potential multipurpose photocatalyst:	Raghu, M. S., L. Parashuram, M. K. Prashanth, K. Yogesh Kumar, CB Pradeep Kumar, and H. Alrobei.	Chemistry	Nano-Structures &	2021	25 (2021): 100667.	https://doi.org/10.1016/j.nanoso.2021.100667	Scopus	Q2

	Generation of hydrogen, organic and inorganic pollutant detoxification."			Nano-Objects					
7.	Novel nano corrosion inhibitor, integrated zinc titanate nano particles: Synthesis, characterization, thermodynamic and electrochemical studies.	Sowmyashree, A. S., Amita Somya, CB Pradeep Kumar, and Srilatha Rao.	Chemistry	Surfaces and Interfaces	2021	22 (2021): 100812.	https://doi.org/10.1016/j.surfin.2020.100812	SCI	Q1
8.	"Synthesis, characterization, antimicrobial and interaction studies of pteridines with human serum albumin: A combined multi-spectroscopic and computational study."	Raghu, M. S., K. Yogesh Kumar, K. Veena, CB Pradeep Kumar, Amani Salem Almalki, G. Mani, Fatmah Ali Alasmary, and M. K. Prashanth.	Chemistry	Journal of Molecular Structure	2021	1250 (2022): 131857.	https://doi.org/10.1016/j.molstruc.2021.131857	SCI	Q2
9.	"Novel 1, 3, 5-triazine-based pyrazole derivatives as potential antitumor agents and EFGR kinase inhibitors: Synthesis, cytotoxicity, DNA binding, molecular docking and DFT studies."	Raghu, M. S., CB Pradeep Kumar, M. K. Prashanth, K. Yogesh Kumar, B. S. Prathibha, G. Kanthimathi, Siham Abdulrahman Alissa, Hanan Abdulrahman Alghulikah, and Sameh M. Osman.	Chemistry	New Journal of Chemistry	2021	45, no. 31 (2021): 13909-13924.	https://doi.org/10.1039/D1NJ02419A	SCI	Q1
10.	Kumar, CB Pradeep, M. S. Raghu, K. N. N. Prasad, S. Chandrasekhar, B. K. Jayanna, Fahad A. Alharthi, M. K. Prashanth, and K. Yogesh Kumar. "Investigation of biological activity of 2, 3-disubstituted quinazolin-4 (1 H)-ones against Mycobacterium tuberculosis and DNA via docking, spectroscopy and DFT studies."	Kumar, CB Pradeep, M. S. Raghu, K. N. N. Prasad, S. Chandrasekhar, B. K. Jayanna, Fahad A. Alharthi, M. K. Prashanth, and K. Yogesh Kumar.	Chemistry	New Journal of Chemistry	2021	45, no. 1 (2021): 403-414.	https://doi.org/10.1039/D0NJ03800H	SCI	Q1
11.	Effect of Dynamic job Sequencing in a Diverging Converging Conveyor System & Buffer Optimization Using Genetic Algorithm	Hemanth T.S.	CS&BS	Turkish Journal of Computer and Mathematics Education	2021	12 (11), 5769-5773	https://www.proquest.com/docview/2639756305	Scopus	
12.	Oral Images Dataset	Chandrashekar H S, Geetha Kiran A, Murali S, Dinesh M S, Nanditha B R	CSE	Mendeley Data	2021	V2	DOI: 10.17632/mhjyrn35p4.2	SCI	Q3
13.	SECURE EFFICIENT AND CERTIFICATELESS , AUTHENTICATION SCHEME FOR WIRED AND WIRELESS NETWORKS	Raghavendra K, Ramesh B, Chandrika J	CSE	International Journal of Advanced Research in Engineering a nd Technology (IJARET)	2021	Volume 12, Issue 2, pp. 1-175	DOI: 10.34218/IJARET.12.2.2021.015	Scopus	NA
14.	A novel automated framework for water impurity detection	Afzal Shaikh, Preeta Sharan, PC Srikanth, Manju Devi	ECE	International Journal of Information Technology	2021	13, 785-792	https://doi.org/10.1007/s41870-020-00601-x	Scopus	Q2
15.	Design and implementation of MOEMS based optical diaphragm using Photonic Crystal for the prevention of barotrauma	Yashaswini P. R, Srikanth PC, Preeta Sharan	ECE	Results in Optics	2021	5, 100191	https://doi.org/10.1016/j.rio.2021.100191	SCI	Q3
16.	Multiple-Input Multiple Output-Orthogonal Frequency Division Multiplexing System using Improved Wild Horse Optimization for Channel Estimation	Santhosh Kumar Kenkere Basavaraju, Sushma Nagesh, Murthi Mahadeva Naik Ganganaik, Triveni Chitralingappa Lingappa1 Sreenivasulu Tupalula, Venkateswara Rao Kolli, Indira Bahaddur	ECE	International journal of intelligent Engineering Systems	2021	Vol.17, No.5, 2024	10.22266/ijies2024.1031.60	Scopus	Q2
17.	A High Q-factor Photonic Crystal Microring-resonator based Pressure Sensor”,	Venkateswara Rao Kolli , Indira Bahaddur, Basavaprasada	ECE	Photonics and Nanostructures - Fundamental	2021	volume 43,100870	https://doi.org/10.1016/j.photonics.2020.100870	SCI	Q3

				s and Applications					
18.	Integrated optical MEMS serially coupled double racetrack resonator based accelerometer	Venkateswara Rao Kolli, Prabhakar Dudla, Srinivas Talabattula	ECE	Optik	2021		https://doi.org/10.1016/j.ijleo.2021.166583	SCI	Q2
19.	A novel computation method for detection of Malaria in RBC using Photonic biosensor	BM Hemanth Kumar, PC Srikanth, AM Vaibhav	ECE	International Journal of Information Technology	2021	13/2053-2058	https://doi.org/10.1007/s41870-021-00782-z	Scopus	Q2
20.	Low area FPGA Implementation of Secure MIMO OFDM based Wireless ECG Signal Transmission.	Santhosh Kumar Kenkere Basavaraj, Bangalore Ramchandra Sujatha	ECE	International journal of intelligent Engineering Systems	2021	Vol.14, No.4, 2021	10.22266/ijies2021.0831.06	Scopus	Q2
21.	Circular diaphragm-based MOEMS pressure sensor using ring resonator	PR Yashaswini, N Mamatha, PC Srikanth	ECE	International Journal of Information Technology	2021	13, 213-220	https://doi.org/10.1007/s41870-020-00534-5	Scopus	Q2
22.	Hybrid Feature-Assisted Neural Model for Crowd Behavior Analysis	Swathi, HY and Shivakumar, G	ECE	SN Computer Science	2021	2 and pp. 1-11	10.1007/s42979-021-00636-2	Scopus /SCI	Q2
23.	Demand Side Management based techno-economic performance analysis for a stand-alone hybrid renewable energy system of India	M. Ramesh	EEE	Energy Sources Part A: Recovery Utilization, and Environmental Effects	2021	Volume 47, 2025 - Issue 1	https://doi.org/10.1080/15567036.2020.1851820	SCI	Q3
24.	Peltier Thermo-Electric Generator based Standalone Micro-Power Supply System	Bharath Y.K., Shruthi K.H., Dhavala R.K	EEE	IEEE seventh International Conference on Electrical Energy Systems (IEEE-EES)	2021		10.1109/ICEES51510.2021.9383685	Scopus	
25.	Feasibility study by demand side management for selected remote area	Dhavala R.K, H.N. SureshRajanna S.,	EEE	IEEE 7th International conference on Electrical energy systems	2021		10.1109/ICEES51510.2021.9383675	Scopus	
26.	Vector Control of Doubly fed Induction Machine for an Electric Vehicle Application	G. T. Arjun, N. S. Jyothi and V. S. Neethu	EEE	2021 International Conference on Recent Trends on Electronics, Information, Communication & Technology (RTEICT)	2021	784-787	10.1109/RTEICT52294.2021.9573881	Scopus	
27.	Optimal EV placement using Particle Swarm Optimization Algorithm	Neethu V. S., Jyothi N.S. and Raghvendraprasad Deshpande	EEE	IEEE International Conference	2021	267-272	10.1109/ICEECCOT52851.2021.9707951	Scopus	

28.	Optimized Scale Invariant Hog Descriptors for tobacco plant detection	Dr. Chandrika J	ISE	WSEAS Transaction on Environment and Development	2021	-	10.37394/23.2015.2021.17.74	Scopus	Q4
29.	Malevolent node detection based on network parameters mining in wireless sensor networks	Dr. Chandrika J	ISE	International Journal of Digital Crime & Forensics (IJDCF)	2021	-	Doi:10.4018/ijdcf20210901.oab	Scopus	Q3
30.	A novel machine learning-based hybrid model for webshell detection	Dr. Chandrika J	ISE	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2021	-	Doi: 10.17148/ijarcce.2021.10543	Scopus	-
31.	Deep learning-based assistive device for visually challenged	Dr. Chandrika J	ISE	International Journal of Advanced Research in Computer and Communication Engineering	2021	-	Doi: 10.17148/ijarcce.2021.10543	Scopus	-
32.	IoT-Based Smart Home Using Edge Computing	Dr. Anand Babu J	ISE	Natural Volatiles and Essential Oils (NVEO)	2021	-	Https://www.nveo.org/index.php/journal/article/view/2550	Scopus	-
33.	Clustering and Detection of Liver Disease in Indian Patients Using Machine Learning Algorithms	Dr. Anand Babu J	ISE	Journal of Xidian University	2021	-	Https://doi.org/10.37896/jxu15.12/029	Scopus	-
34.	Machine learning-based recommendation system on movie reviews using KNN classifiers	Dr. Anand Babu J	ISE	Journal of Physics: Conference Series	2021	-	Doi:10.1088/1742-6596/1964/4/042081	Scopus	-
35.	A Review on Imaging Modalities and Techniques for Oral Malignancy Detection	Dr. Nanditha B R	ISE	International Journal of Current Research and Review	2021	-	Http://dx.doi.org/10.31782/IJCRR.2021.132013	Scopus	Q4
36.	Oral Cancer Detection using Machine Learning and Deep Learning Techniques	Dr. Nanditha B R	ISE	International Journal of Current Research and Review	2021	-	Http://dx.doi.org/10.31782/ijcrr.2021.132013	Scopus	Q4
37.	Optimizing Performance Parameters in Wireless Sensor Network using Hybrid MAC	Dr. Anand Babu J	ISE	EAI Endorsed	2021	-	10.4108/eai.13-1-2021.168092	Scopus	Q3

				Transactions on Energy					
38.	A novel secure data hiding technique into video sequences using RVIHS	Dr. Anand Babu J	ISE	International Journal of Computer Network and Information Security	2021	-	10.5815/ijcnis.2021.02.05	Scopus	Q4
39.	Cryptographic based approach for Data hiding in Advanced Video Sequences	Dr. Anand Babu J	ISE	Turkish Journal of Computer and Mathematics Education (TURCOM AT)	2021	-	doi.org/10.17762/turcomat.v12i6.4808	Scopus	Q4
40.	Oral Malignancy Detection using Color Features from Digital True Color Images	Dr. Nanditha B R	ISE	International Journal of Online and Biomedical Engineering (IJoE)	2021	-	https://doi.org/10.3991/ijoe.v16i14.17429	Scopus /ESCI	Q4
41.	An Ensemble Deep Neural Network Approach for Oral Cancer Screening	Dr. Nanditha B R	ISE	International Journal of Online and Biomedical Engineering (IJoE)	2021	-	https://doi.org/10.3991/ijoe.v16i14.17429	Scopus /ESCI	Q4
42.	Prediction of Liver Disease using Regression Tree	Dr. Vinutha M.R	ISE	International Journal of Online and Biomedical Engineering (IJoE)	2021	-	doi.org/10.3991/ijoe.v17i02.19287	Scopus /SCI	Q3
43.	Imputation as a Technique for Enhancing the Quality of Medical Data	Dr. Vinutha M.R	ISE	International Journal of Current Research and Review (IJCRR)	2021	-	dx.doi.org/10.31782/IJCRR.2021.13513	Scopus	Q4
44.	EANNMHO - A Novel Ensemble-based Technique for Detection of Liver Cirrhosis	Dr. Vinutha M.R	ISE	International Journal of Online and Biomedical Engineering (IJoE)	2021	-	https://online-journals.org/index.php/i-joe/article/view/21027	Scopus	Q4
45.	Hybrid (ND-Co3O4/EG) nanoliquid through a permeable cylinder under homogeneous-heterogeneous reactions and slip effects	G.K. Ramesh, S. Manjunatha, G S Roopa, Ali J. Chamkha,	Mathematics	Journal of Thermal Analysis and Calorimetry	2021	Vol. 146, Pp. 1347-1357	https://doi.org/10.1007/s10973-020-10106-1	Scopus /SCI/ WOS	Q2
46.	Time-dependent squeezing flow of Casson-micropolar nanofluid with injection/suction and slip effects	G.K. Ramesh, G S Roopa, A. Rauf, S.A. Shehzad, F.M. Abbasi	Mathematics	International Communications in Heat and Mass Transfer	2021	Volume 126, Pp.105470	https://doi.org/10.1016/j.icheatmasstransfer.2021.105470	Scopus /SCI/ WOS	Q1

47.	Entropy generation analysis of radiative Williamson fluid flow in an inclined microchannel with multiple slip and convective heating boundary effects	NS Shashikumar, K Thriveni, Macha Madhu, B Mahanthesh, BJ Gireesha, N Kishan	Mathematics	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	2021	9.54E+15	https://doi.org/10.1177/09544089211049	Scopus /SCI/ WOS	Q2
48.	Thermal analysis of MHD Williamson fluid flow through a microchannel	NS Shashikumar, Macha Madhu, S Sindhu, BJ Gireesha, Naikoti Kishan	Mathematics	International Communications in Heat and Mass Transfer	2021	127 and 105582	https://doi.org/10.1016/j.icheatmasstransfer.2021.105582	Scopus /SCI/ WOS	Q1
49.	Heat transfer enhancement due to nanoparticles, magnetic field, thermal and exponential space-dependent heat source aspects in nanoliquid flow past a stretchable spinning disk	Basavarajappa Mahanthesh, Nagavangala Shankarappa Shashikumar, Giulio Lorenzini	Mathematics	Journal of Thermal Analysis and Calorimetry	2021	145 and 3339-3347	https://doi.org/10.1007/s10973-020-09927-x	Scopus /SCI/ WOS	Q1
50.	Second law analysis of MHD micropolar fluid flow through a porous microchannel with multiple slip and convective boundary conditions	Macha Madhu, NS Shashikumar, Bijjanal Jayanna Gireesha, Naikoti Kishan	Mathematics	Defect and Diffusion Forum	2021	409 and 123-141	https://www.scientific.net/DDF.409.123	Scopus	Q3
51.	Three dimensional boundary layer flow of MHD Maxwell nanofluid over a non-linearly stretching sheet with nonlinear thermal radiation	BJ Gireesha, BC Prasannakumara, M Umeshaiah, NS Shashikumar	Mathematics	Journal of Applied Nonlinear Dynamics	2021	10(02) and 263-277	DOI-10.5890-JAND.2021.06.006.aspx	Scopus I/WOS	Q4
52.	Heat transfer optimization of hybrid nanomaterial using modified Buongiorno model: A sensitivity analysis	B Mahanthesh, SA Shehzad, Joby Mackolil, NS Shashikumar	Mathematics	International journal of heat and mass transfer	2021	171 and 121081	https://doi.org/10.1016/j.ijheatmasstransfer.2021.121081	Scopus /SCI/ WOS	Q1
53.	Second law analysis of MHD third-grade fluid flow through the microchannel	Macha Madhu, NS Shashikumar, BJ Gireesha, Naikoti Kishan	Mathematics	Pramana - Journal of Physics	2021	95 and1-10	https://doi.org/10.1007/s12043-020-02037-1	Scopus /SCI/ WOS	Q2
54.	Synthesis of atmospherically stable zero-valent iron nanoparticles (nZVI) for the efficient catalytic treatment of high-strength domestic wastewater	Ansari A, Siddiqui VU, Akram MK, Siddiqi WA, Khan A, Al-Romaizan AN, Hussein MA, Madhu P	Mechanical	Catalysts	2021	2(1):26	https://doi.org/10.3390/catal12010026	SCIE	Q2
55.	A review on extraction, chemical treatment, characterization of natural fibers and its composites for potential applications	Jagadeesh P, Madhu P, Mavinkere Rangappa S, Siengchin S	Mechanical	Polymer composites	2021	42(12):6239-6264	https://doi.org/10.1002/pc.26312	SCIE	Q1
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57.	Mechanical and chemical properties evaluation of sheep wool fiber,Äìreinforced vinylester and polyester composites	Bharath KN, Madhu P, Yashas Gowda TG, Verma A, Sanjay MR, Siengchin S	Mechanical	Materials Performance and Characterization	2021	10(1):99-109	https://doi.org/10.1520/MPC20200036	Scopus	Q3
58.	A new study on flax,Äêbasalt,Äêcarbon fiber reinforced epoxy/bioepoxy hybrid composites	TG YG, Madhu P, Kushvaha V, MR S, Siengchin S	Mechanical	Polymer Composites	2021	2(4):1891-1900	https://doi.org/10.1002/pc.25944	SCIE	Q1
59.	A comprehensive review on cellulose nanocrystals and cellulose nanofibers: Pretreatment, preparation, and characterization	Nagarajan KJ, Ramanujam NR, Sanjay MR, Siengchin S, Surya Rajan B, Sathick Basha K, Madhu P, Raghav GR	Mechanical	Polymer Composites	2021	42(4):1588-1630	https://doi.org/10.1002/pc.25929	SCIE	Q1

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61.	A brief study on optical and mechanical properties of an organic material: urea glutaric acid (2/1),Äîa third order nonlinear optical single crystal	Kumari CR, Al Otaibi A, Kamaraj T, Nageshwari M, Mathubala G, Manikandan A, Caroline ML, Sudha S, Kashmery HA, Madhu P, Khan A	Mechanical	Crystals	2021	1(10):1239	https://doi.org/10.3390/cryst11101239	SCIE	Q2
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63.	Unveiling the photosensitive and magnetic properties of amorphous iron nanoparticles with its application towards decontamination of water and cancer treatment	Sri VS, Manikandan A, Mathankumar M, Tamizhselvi R, George M, Murugaiah K, Kashmery HA, Al-Zahrani SA, Madhu P, Khan A, Asiri AM	Mechanical	Journal of Materials Research and Technology	2021	15:99-118	https://doi.org/10.1016/j.jmrt.2021.07.145	SCIE	Q1
64.	Bacillus-mediated silver nanoparticle synthesis and its antagonistic activity against bacterial and fungal pathogens	Kabeerdass N, Al Otaibi A, Rajendran M, Manikandan A, Kashmery HA, Rahman MM, Madhu P, Khan A, Asiri AM, Mathanmohun M	Mechanical	Antibiotics	2021	10(11):1334	https://doi.org/10.3390/antibiotics10111334	SCIE	Q1
65.	Microstructure and Wear Behavior of Microwave Treated WC-10Co-4Cr Composite Coating on AISI 4140 Alloy Steel	Pradeep, D. G., H. S. Nithin, B. N. Sharath, K. S. Madhu, and C. V. Venkatesh	Mechanical	Materials Science and Engineering,	2021	vol. 1189, no. 1, p. 012012.	doi:10.1088/1757-899X/1189/1/012012.	Scopus	
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67.	Study on scratch behavior of Ni-Al2O3 coating composition on Al-2219 substrate by electro deposited technique	Pradeep DG, Sharath BN	Mechanical	Materials Today: Proceedings.	2021		https://doi.org/10.1016/j.matpr.2021.04.033	Scopus	
68.	Investigating the adhesion strength of electrodeposited Ni-Al2O3 nano composite on Al-2618 substrate by using the scratch test technique	Pradeep DG, Sharath BN, Madhu KS, Karthik S, Venkatesh CV	Mechanical	Materials Today: Proceedings.	2021		https://doi.org/10.1016/j.matpr.2021.11.336.	Scopus	
69.	Tribological Suitability of aluminium hybrid composite above atmospheric temperature	Sharath, B. N., K. S. Madhu, D. G. Pradeep, and C. V. Venkatesh	Mechanical	Materials Science and Engineering	2021	vol. 1189, no. 1, p. 012018	doi:10.1088/1757-899X/1189/1/012018	Scopus	
70.	Evaluation of Mechanical Properties of Ceramic Reinforced Aluminium-7029 Hybrid Composite	Madhu, K. S., Sharath, B. N. C. V. Venkatesh, and D. G. Pradeep	Mechanical	Materials Science and Engineering	2021	vol. 1189, no. 1, p. 012019	doi:10.1088/1757-899X/1189/1/012019.	Scopus	
71.	Novel Muntingia Calabura bark fiber reinforced green-epoxy composite: A sustainable and green material for cleaner production.	Bharath KN, Madhu P, Yashas Gowda TG, Verma A, Sanjay MR, Siengchin S	Mechanical	Materials Performance and Characterization	2021	10(1):99-109	https://doi.org/10.1520/MPC20200036	Scopus	Q3
72.	Machinability studies on boron carbide and graphite reinforced aluminium hybrid composites	BN Sharath, TP Jeevan, MAA Baig, HS Ashrith, A Afzal, AR Reddy	Mechanical Engineering	Materials Today: Proceedings	2021	46, 8734-8741	https://doi.org/10.1016/j.matpr.2021.04.036	Scopus	
73.	Machinability of AA6061 aluminum alloy and AISI 304L stainless steel using nonedible vegetable oils applied as minimum quantity lubrication	TP Jeevan, SR Jayaram, Asif Afzal, HS Ashrith, Manzoore Elahi M Soudagar, MA Mujtaba	Mechanical Engineering	Journal of the Brazilian Society of Mechanical Sciences and Engineering	2021	43, 3	https://doi.org/10.1007/s40430-021-02885-x	SCI	Q2
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76.	Experimental Investigation of effect of hybridization of UHMWPE fibers on the mechanical and physical properties of Basalt fiber reinforced polymer matrix composites	R Raghavendra Rao, S Pradeep, S Karthik, KR Gopi, BS Shivashankara	Mechanical Engineering	IOP Conference Series: Materials Science and Engineering	2021	1189 (2021) 012025	https://doi.org/10.1088/1757-899X/1189/1/012025	Scopus	Q4
77.	Investigation of mechanical properties of ECAP processed AL7068 aluminium alloy	BS Shivashankara, KR Gopi, S Pradeep, R Raghavendra Rao	Mechanical Engineering	IOP Conference Series: Materials Science and Engineering	2021	1189 (2021) 012027	https://doi.org/10.1088/1757899X/1189/1/012027	Scopus	Q4
78.	Vickers micro-hardness variation during change in concentration of constituent elements in Ni50–xFexMn30Sn20–yIny, Heusler alloys,	Sandeep Nambiar S, BRN. Murthy, Sathyashankara Sharma, A. A. Prasanna	Physics	Manufacturing Review	2021	Volume 9, id.4, 5 pp. 2022	https://ui.adsabs.harvard.edu/abs/2022ManRv...9....4S/abstract	Scopus /SCI/ WOS	Q2
79.	Shock tube data processing tools using open source hardware and software platforms	K Thirumalesh, SP Raju, HM Somashekarappa, K Swaroop	Physics	Engineering Reports	2021	3 (9), e12353	DOI: 10.1002/eng2.12353	Scopus	Q2
80.	A high sensitive photonic crystal Mach-Zehnder-Interferometer based pressure-sensor	Venkateswara Rao Kolli , Basavaprasad , Indira Bahaddur , Srinivas Talabattula	ECE	Results in Optics	2021	Volume 5, December 2021, 100118	https://doi.org/10.1016/j.rio.2021.100118	Scopus	Q3

2022

	Title of paper	Name of the author/s	Department	Name of journal	Year of publication	Volume and Page number	DOI link	Scopus /SCI/ WOS	Quartile (As per SCImago)
1.	"Design and synthesis of novel benzimidazole linked thiazole derivatives as promising inhibitors of drug-resistant tuberculosis."	Veena, K., Madihalli Srinivas Raghu, K. Yogesh Kumar, CB Pradeep Kumar, Fahad A. Alharti, Maralekere Krishnegowda Prashanth, and Byong-Hun Jeon.	Chemistry	Journal of Molecular Structure	2022	1269 (2022): 133822.	https://doi.org/10.1016/j.molstruc.2022.133822	SCI	Q2
2.	"Fabrication of FeVO4/RGO Nanocomposite: An amperometric probe for sensitive detection of methyl parathion in green beans and solar light-induced degradation."	Alsulami, Abdullah, Yogesh K. Kumarswamy, Maralekere K. Prashanth, Shanavaz Hamzada, Parashuram Lakshminarayana, Chikkur B. Pradeep Kumar, Byong-Hun Jeon, and Madihalli S. Raghu.	Chemistry	ACS omega .	2022	7, no. 49 (2022): 45239-45252	https://doi.org/10.1021/acsomega.2c05729?urlappend=%3Fref%3DPDF&jav=VoR&rel=cite-as	SCI	Q1
3.	"Facile green synthesis of samarium sesquioxide nanoparticle as a quencher for biologically active imidazole analogues: Computational and experimental insights."	Veena, K., S. Chandrasekhar, M. S. Raghu, K. Yogesh Kumar, CB Pradeep Kumar, Abdullah M. Alswieleh, VS Anusuya Devi, M. K. Prashanth, and Byong-Hun Jeon.	Chemistry	Journal of Molecular Structure	2022	1264 (2022): 133235.	https://doi.org/10.1016/j.molstruc.2022.133235	SCI	Q2
4.	"Microwave-assisted N-alkylation of amines with alcohols catalyzed by MnCl2: Anticancer, docking, and DFT studies."	Kumar, K. Yogesh, CB Pradeep Kumar, K. N. N. Prasad, Byong-Hun Jeon, Ali Alsalme, and M. K. Prashanth.	Chemistry	Archiv der Pharmazie	2022	355, no. 5 (2022): 2100443.	https://doi.org/10.1002/ardp.202100443	SCI	Q1

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6.	"Experimental and DFT explorations of tert-butyl (1-(2-(4-nitrobenzylidene)-hydrazinyl)-1-oxopropan-2yl)-carbamate on CRCA metal in 1M HCl solution."	Rao, Srilatha, R. Suhas, M. Mahadevaswamy, Pradeep Kumar CB, Gururaj Kudur Jayaprakash, A. S. Sowmyashree, K. Shwetha, T. Aravinda, and Sandeep Kumar.	Chemistry	Results in Surfaces and Interfaces	2022	6 (2022): 100024.	https://doi.org/10.1016/j.rsurfi.2021.100024	Scopus	Q2
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8.	Prediction of failure for a slender reinforced concrete column using reliability analysis	Dr. A J Krishnaiah	Civil Engineering	The Indian Concrete Journal	2022	Vol. 96, No. 9, pp. 41-47.	https://www.icjonline.com/editionabstract_detail/092022	Scopus	Q3
9.	FIBER REINFORCED MORTAR	Dakshayini R S	Civil Engineering	Ymer	2022	Vol. 21, Issue 11 & Page3110-3114		Scopus	Q4
10.	Relevance of Thermal Imaging and Respiration Signals in Recognizing Human Emotions	C.M .Naveen Kumar	CS&BS	IJME	2022	pp- 5166-5175, Vol. 7 No. 1	https://kalaharijournals.com/resources/IJME_Vol7.1_499.pdf	Scopus	Q4
11.	Performance of salp swarm localization algorithm in underwater wireless sensor networks	C.M .Naveen Kumar	CS&BS	Photonics	2022	9(12), 984	https://doi.org/10.3390/photonics9120984	SCI	Q3
12.	Dynamic job sequencing of converging-diverging conveyor system for manufacturing optimization	Hemanth T.S.	CS&BS	Materials Today: Proceedings	2022	Vol 52, Issue 3, Pages 1901-1908	https://doi.org/10.1016/j.matpr.2021.11.523	Scopus	Q4
13.	SIDA-GAN: A lightweight Generative Adversarial Network for Single Image Depth Approximation	Anupama V, Dr. Geetha Kiran A	CSE	Results in Engineering	2022	Vol. 16, pp. 100636, ISSN 2590-1230	https://doi.org/10.1016/j.rineng.2022.100636	SCI	Q1
14.	A Fuzzy Consensus Clustering Algorithm for MRI Brain Tissue Segmentation	Dr. S. V. Aruna Kumar, Ehsan Yaghoubi, Hugo Proenca	CSE	Applied Sciences	2022	Vol. 12.15, 7385	https://doi.org/10.3390/app12157385	SCI	Q2
15.	Exploring Bias in Sclera Segmentation Models: A Group Evaluation Approach	Dr. S. V. Aruna Kumar, B. S. Harish, Umapada Pal et al.,	CSE	IEEE Transactions on Information Forensics and Security	2022	Vol. 18, pp. 190-205	https://doi.org/10.1109/TIFS.2022.3216468	SCI	Q1
16.	Key-cipher policy attribute-based encryption mechanism for access control of multimedia data in cloud storages	Kavyasri M N, Dr. Ramesh B	CSE	Indonesian Journal of Electrical Engineering and Computer Science	2022	Vol. 28, No. 1, pp. 545-550, ISSN: 2502-4752	DOI: http://doi.org/10.11591/ijeecs.v28.i1.pp545-550	SCI	Q3
17.	Quality-of-Service-Linked Privileged Content-Caching Mechanism for Named Data Networks	Shrisha H. S, Uma Boregowda	CSE	Future Internet	2022	Vol. 14, Issue: 5, pp. 1-24	https://doi.org/10.3390/fi14050157	SCI	Q2
18.	An energy efficient and scalable endpoint linked green content caching for Named Data Network based Internet of Things	Shrisha H. S, Uma Boregowda	CSE	Results in Engineering	2022	Volume 13, 100345	https://doi.org/10.1016/j.rineng.2022.100345	SCI	Q1
19.	SynthNet: A skip connected depthwise separable neural network for Novel View Synthesis of solid objects	Anupama V, A. Geetha Kiran	CSE	Results in Engineering	2022	Volume 13, 100383	https://doi.org/10.1016/j.rineng.2022.100383	SCI	Q1
20.	Workload Prediction Based Virtual Machine Migration and Optimal Switching Strategy for Cloud Power Management	R. Pushpalatha & B. Ramesh	CSE	Wireless Personal	2022	Vol. 123, pp. 761–784	https://doi.org/10.1007/s11277-021-09157-w	SCI/Scorpos	Q2

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21.	MangoGAN: a general adversarial network-based deep learning architecture for mango tree crown detection	Ramesh Kestur, Anjali Kulkarni, Rahul Bhaskar, Balaji Prabhu	CSE(AI&ML)	Journal of Applied Remote Sensing	2022	16(1), 014527	10.1117/1.JRS.16.014527	SCI	Q2
22.	High-performance 2D photonics MOEMS pressure sensors	Yashaswini PR, Gayathri HN, Srikanth PC	ECE	International Journal of Information Technology	2022	14, 2459-2468	https://doi.org/10.1007/s41870-022-00986-x	Scopus	Q2
23.	Si/SiO2 based nano-cavity biosensor for detection of anemia, HIV and cholesterol using refractive index of blood sample	BM Hemanth Kumar, AM Vaibhav, PC Srikanth	ECE	Indian J Sci Technol	2022	15, 899-907	https://sciresol.s3.us-east-2.amazonaws.com/IJST/Articles/2022/Issue-18/IJST-2021-186.pdf	Scopus	-
24.	High-performance 2D photonics MOEMS pressure sensors	Yashaswini PR, Gayathri HN, Srikanth PC	ECE	International Journal of Information Technology	2022	14, 2459-2468	https://doi.org/10.1007/s41870-022-00986-x	Scopus	Q2
25.	FPGA Design of an efficient EEG signal transmission through 5G wireless network using optimized pilot based channel estimation: a telemedicine application	KB Santhosh Kumar, BR Sujatha	ECE	Wireless Personal Communications	2022	123	https://doi.org/10.1007/s11277-021-09305-2	SCI	Q2
26.	Silicon and gallium nitride electrostatic comb-drive actuators are analyzed for capacitance, displacement, and electric potential distribution	Prakruthi H.L,Saara.K	ECE	Neuroquantalogy	2022	20,9,2827-2832	doi: 10.14704/nq.2022.20.9.NQ44329	Scopus	-
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28.	Hybrid interconnection schemes for output power enhancement of solar photovoltaic array under partial shading conditions	S. Rajanna, Manjunath, H. N., Suresh	EEE	IET Renewable Power Generation	2022	17, 2, (389-399)	https://doi.org/10.1049/rpg2.12543	Scopus /SCI/ WOS	Q2
29.	Maximization of photo-voltaic array power output through Lo Sho Square shade dispersion technique-based re-configuration scheme	S. Rajanna, Manjunath, H. N., Suresh	EEE	Energy Conversion and Management	2022	Volume 260, 15 May 2022, 115588	https://doi.org/10.1016/j.enconman.2022.115588	Scopus /SCI/ WOS	Q1
30.	Griffiths' Variable Learning Rate Online Sequential Learning Algorithm for Feed-Forward Neural Networks	Y. K. Bharath	EEE	Automatic Control and Computer Sciences	2022	Volume 56, pages 160–165	https://doi.org/10.3103/S0146411622020031	Scopus	Q4
31.	Hybrid texture and gradient modeling for dynamic background subtraction identification system using 5G data service	Dr. Chandrika J	ISE	Computer Assisted Methods in Engineering and Science	2022	-	Http://dx.doi.org/10.24423/cames.455	Scopus	Q3
32.	Neural Network-based Game Theory Approach for Personalized Privacy Preservation in Data Publishing	Dr. Anand Babu J	ISE	Journal of System and Management Sciences	2022	-	Doi:10.33168/jsms.2022.0132	Scopus	Q3
33.	Rescuenet: YOLO-based object detection model for detection and counting of flood survivors	Dr. Balaji Prabhu B V	ISE	Modeling Earth System and Environment	2022	-	Https://doi.org/10.1007/s40808-022-01414-6	Springer Link	-
34.	A review on piezoelectric energy harvesting	E. L. Pradeesh, S. Udhayakumar, M. G. Vasundhara, G. K. Kalavathi,	Mathematics	Microsystem and	2022	1797–1830	10.1007/s00542-022-05334-4	Scopus /SCI/ WOS	Q3

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36.	electromagnetic radiation and convective slippery stipulation influence in viscous second grade nanofluid through penetrable material", (2022),(SCI/Scopus/Q2)	W. Jamshed, G.K. Ramesh, G.S. Roopa, K.S. Nisar, Rabia Safdar, J.K. Madhukesh, Faisal Shahzad, Siti Suzilliana Putri Mohamed Isa, B. Shankar Goud, Mohamed R Eid	Mathematics	ZAMM (Zeitschrift fur Angewandte Mathematik und Mechanik-Journal of Applied mathematics and mechanics),	2022	Pp. 1521-4001.	https://doi.org/10.1002/zamm.202200002	Scopus /SCI/ WOS	Q2
37.	Significance of aluminium alloys particle flow through a parallel plates with activation energy and chemical reaction	G.K. Ramesh, J.K. Madhukesh, B.C. Prasannakumara, G.S. Roopa,	Mathematics	Journal of Thermal Analysis and Calorimetry	2022	Vol. 147, Pp. 6971-6981	https://doi.org/10.1007/s10973-021-10981-2	Scopus /SCI/ WOS	Q2
38.	Thermal analysis of MHD Powell–Eyring fluid flow through a vertical microchannel	Macha Madhu, NS Shashikumar, BJ Gireesha, Naikoti Kishan	Mathematics	International Journal of Ambient Energy	2022	43(1) and 4454-4462	https://doi.org/10.1080/01430750.2021.1910566	Scopus	Q2
39.	Entropy generation analysis of MHD micropolar nanofluid flow through a micro channel	Macha Madhu, NS Shashikumar, BJ Gireesha, Naikoti Kishan	Mathematics	Discontinuity, Nonlinearity, and Complexity	2022	11(04) and 569-582	DOI-10.5890-DNC.2022.12.001.aspx	Scopus	Q3
40.	Irreversibility analysis of the MHD Williamson fluid flow through a microchannel with thermal radiation	Macha Madhu, NS Shashikumar, K Thriveni, BJ Gireesha, B Mahanthesh	Mathematics	Waves in Random and Complex Media	2022	1-23	https://doi.org/10.1080/17455030.2022.2111473	Scopus /SCI/ WOS	Q2
41.	Second law analysis of MHD Carreau fluid flow through a microchannel with thermal radiation	NS Shashikumar, S Sindhu, M Madhu, BJ Gireesha	Mathematics	Waves in Random and Complex Media	2022	1-25	https://doi.org/10.1080/17455030.2022.2060532	Scopus /SCI/ WOS	Q2
42.	Effect of B4C/Gr on hardness and wear behavior of Al2618 based hybrid composites through taguchi and artificial neural network analysis	Ballupete Nagaraju S, Kodigarahalli Somashekara M, Madhu P, Manjulaiah H, Kini CR, Channarayapattana Venkataramaiah V	Mechanical	Catalysts	2022	12(12):1654	https://doi.org/10.3390/catal12121654	SCIE	Q2
43.	Review on Tribological and Mechanical Behavior in HVOF Thermal-sprayed Composite Coatings	Pradeep DG, Venkatesh CV	Mechanical	Journal of Bio-and Tribo-Corrosion	2022	8(1):1-9	https://doi.org/10.1007/s40735-022-00631-x	Scopus	Q2
44.	Carbon fiber reinforced areca/sisal hybrid composites for railway interior applications: Mechanical and morphological properties	Jagadeesh P, Madhu P, Girijappa YG, Rangappa SM, Siengchin S	Mechanical	Polymer Composites	2022	3(1):160-172	https://doi.org/10.1002/pc.26364	SCIE	Q1
45.	Waste coconut leaf sheath as reinforcement composite material with phenol,Äêformaldehyde matrix	Bharath KN, Madhu P, Mavinkere Rangappa S, S B, Siengchin S, Alexey K, Gorbatyuk S	Mechanical	Polymer Composites	2022	3(4):1985-1995	https://doi.org/10.1002/pc.26513	SCIE	Q1
46.	Synthesis, Characterization and Bio-Potential Activities of Co (II) and Ni (II) Complexes with O and N Donor Mixed Ligands	Muthuppalani M, Otaibi AA, Balasubramaniyan S, Manikandan S, Manimaran P, Mathubala G,	Mechanical	Crystals	2022	12(3):326	https://doi.org/10.3390/cryst12030326	SCIE	Q2

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47.	Extraction and characterization of natural lignocellulosic fibres from Typha angustata grass	Manimaran P, Vignesh V, Khan A, Pillai GP, Nagarajan KJ, Prithiviraj M, Al-Romaizan AN, Hussein MA, Madhu P, Asiri AM	Mechanical	International Journal of Biological Macromolecules	2022	222:1840-1851	https://doi.org/10.1016/j.ijbiomac.2022.09.273	SCIE	Q1
48.	Effect of natural filler materials on fiber reinforced hybrid polymer composites: An Overview	Jagadeesh P, Madhu P, Thyavihalli Girijappa YG, Rangappa SM, Siengchin S	Mechanical	Journal of Natural Fibers	2022	19(11):4132-4147	https://doi.org/10.1080/15440478.2020.1854145	SCIE	Q2
49.	Microwave-assisted synthesis of poly (acrylamide-co-2-hydroxyethyl methacrylate)/chitosan semi-IPN ZnO nanocomposite membranes for food packaging applications	Patil MB, Rajamani SB, Mathad SN, Patil AY, Hussain MA, Alorfii HS, Khan A, Asiri AM, Khan I, Madhu P	Mechanical	Journal of Materials Research and Technology	2022	20:3537-3548	https://doi.org/10.1016/j.jmrt.2022.08.079	SCIE	Q1
50.	Sustainable recycling technologies for thermoplastic polymers and their composites: A review of the state of the art	Jagadeesh P, Mavinkere Rangappa S, Siengchin S, Madhu P, Thiagamani SM, Hemath Kumar M, Oladijo OP, Fiore V, Moure Cuadrado MM	Mechanical	Polymer Composites	2022	43(9):5831-5862	https://doi.org/10.1002/pc.27000	SCIE	Q1
51.	Mechanical and thermal properties of flax/carbon/kevlar based epoxy hybrid composites	Yashas Gowda TG, Madhu P, Mavinkere Rangappa S, Siengchin S, Jawaid M	Mechanical	Polymer Composites	2022	3(8):5649-5662	https://doi.org/10.1002/pc.26880	SCIE	Q1
52.	A comprehensive review on the effect of synthetic filler materials on fiber-reinforced hybrid polymer composites	Praveenkumara J, Madhu P, Yashas Gowda TG, Sanjay MR, Siengchin S	Mechanical	The Journal of the Textile Institute	2022	113(7):1231-1239	https://doi.org/10.1080/00405000.2021.1920151	Scopus	Q2
53.	Synthesis and Characterization of Microwave-Assisted Copolymer Membranes of Poly (vinyl alcohol)-g-starch-methacrylate and Their Evaluation for Gas Transport Properties	Patil M, Mathad SN, Patil AY, Arshad MN, Alorfi HS, Madhu P, Asiri AM, Khan A, Azum N	Mechanical	Polymers	2022	14(2):350	https://doi.org/10.3390/polym14020350	SCIE	Q1
54.	Comparative evaluation of areca/carbon/basalt fiber reinforced epoxy/bio epoxy based hybrid composites	Yashas Gowda TG, Madhu P, Kushvaha V, Rangappa SM, Siengchin S	Mechanical	Polymer Composites	2022	43(7):4179-4190	https://doi.org/10.1002/pc.26680	SCIE	Q1
55.	Growth and characterization of second and third order acentric studies of l-phenylalanine l-phenylalaninium malonate single crystal	Sangeetha P, Nageshwari M, Kumari CR, Srividhya S, Vinitha G, Mathubala G, Manikandan A, Caroline ML, Khan A, Alorfi HS, Madhu P, Hussein MA	Mechanical	Crystals	2022	2(6):869	https://doi.org/10.3390/cryst12060869	SCIE	Q2
56.	Influence of stacking sequence on flax/kevlar hybrid epoxy composites: Mechanical and morphological studies	Kangokar Mukesh S, Bettagowda N, Praveenkumara J, Thyavihalli Girijappa YG, Madhu P, Mavinkere Rangappa S, Siengchin S, Gorbatyuk S	Mechanical	Polymer Composites	2022	43(6):3782-3793	https://doi.org/10.1002/pc.26655	SCIE	Q1
57.	Role of polymer composites in railway sector: an overview	Jagadeesh P, Madhu P, Rangappa SM, Siengchin S	Mechanical	Applied Science and Engineering Progress	2022	15(2):5745	https://doi.org/10.14416/j.asep.2022.02.005	Scopus	Q2
58.	Recent developments and challenges in natural fiber composites: A review	Jagadeesh P, Madhu P, Boonyasopon P, Rangappa SM, Khan A, Siengchin S	Mechanical	Polymer Composites	2022	43(5):2545-2561	https://doi.org/10.1002/pc.26619	SCIE	Q1
59.	Review on nitride compounds and its polymer composites: a multifunctional material	Khan A, Madhu P, Jagadeesh P, Marwani HM, Asiri AM, Manikandan A, Khan AA, Ashraf GM, Rangappa SM, Siengchin S	Mechanical	Journal of Materials Research and Technology	2022	18:2175-2193	https://doi.org/10.1016/j.jmrt.2022.03.032	SCIE	Q1
60.	A comprehensive review on polymer composites in railway applications	Jagadeesh P, Madhu P, Oladijo OP, Lai CW, Gorbatyuk S, Matykiewicz D, Rangappa SM, Siengchin S	Mechanical	Polymer Composites	2022	1238-1251	https://doi.org/10.1002/pc.26478	SCIE	Q1

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62.	Areca/Synthetic fibers reinforced based epoxy hybrid composites for semi‚Äêstructural applications	Yashas Gowda TG, Vinod A, Madhu P, Sanjay MR, Siengchin S, Jawaid M	Mechanical	Polymer Composites	2022	43(8):5222-5234	https://doi.org/10.1002/pc.26814	SCIE	Q1
63.	Structural investigation of Cu doped calcium ferrite (Ca1-xCuxFe2O4; x= 0, 0.2, 0.4, 0.6, 0.8, 1) nanomaterials prepared by co-precipitation method	Ajeesha TL, Manikandan A, Anantharaman A, Jansi S, Durka M, Almessiere MA, Slimani Y, Baykal A, Asiri AM, Kasmery HA, Madhu P, Khan A	Mechanical	Journal of Materials Research and Technology	2022	18:705-719	https://doi.org/10.1016/j.jmrt.2022.02.081	SCIE	Q1
64.	Effect of layering sequence on impact properties of alkali treated phoenix pusilla fibers-glass-carbon fabrics reinforced hybrid composite laminates	Madhu P, Rangappa SM, Khan A, Al-Zahrani SA, Otaibi AA, Shivanna P, Liu Y, Siengchin S	Mechanical	Journal of Natural Fibers	2022	19(13):6878-6888	https://doi.org/10.1080/15440478.2021.1932683	SCIE	Q2
65.	Hybrid effect of PJFs/E-glass/carbon fabric reinforced hybrid epoxy composites for structural applications	Madhu P, Sanjay MR, Khan A, Otaibi AA, Al-Zahrani SA, Pradeep S, Yogesha B, Boonyasopon P, Siengchin S	Mechanical	Journal of Natural Fibers	2022	19(10):3742-3752	https://doi.org/10.1080/15440478.2020.1848724	SCIE	Q2
66.	Point angle effect on drilling of closed cell foams.	HV Divya, TP Jeevan, HS Ashrith, BM Rudresh	Mechanical Engineering	Journal of the Brazilian Society of Mechanical Sciences and Engineering	2022	44(7)	https://doi.org/10.1007/s40430-022-03573-0	SCI	Q2
67.	Study on mechanical properties of AZ91 magnesium alloy	Avinash Srinivas, D Pavan, BK Venkatesha, R Raghavendra Rao, L Mohith	Mechanical Engineering	Materials Today Proceedings	2022	VOLUME 54 PP291-294	https://doi.org/10.1016/j.matpr.2021.09.171	SCOPUS	
68.	Effect of cenosphere on moisture absorption performance of woven hybrid bamboo-glass fiber reinforced epoxy composites	BK Venkatesha, T Deepak Kumar, Prashanth K P, BS Shivashankara, L Yuvaraj, S Sanman, N Venkatesh	Mechanical Engineering	Journal of Mines, Metals and Fuels	2022	Vol69, Issue 12A, Page 24-30	https://scholar.google.com/citations?view_op=view_citation&hl=en&user=39jLDrkAAAAJ&citation_for_view=39jLDrkAAAAJ:3fE2CSJIrl8C	Scopus	Q4
69.	Advances and Trends in Industrial Lubrication	TP Jeevan, HK Sharath, HV Divya	Mechanical Engineering	Springer Nature Singapore	2022		https://doi.org/10.1007/978-981-99-9264-5_6	Scopus	
70.	Effect of wood filler on the mechanical and thermal behavior of polypropylene/short glass/short carbon fiber-reinforced hybrid composites	HV Divya, TP Jeevan, HS Ashrith, BM Rudresh	Mechanical Engineering	Journal of the Brazilian Society of Mechanical Sciences and Engineering	2022	44(7)	https://doi.org/10.1007/s40430-022-03573-0	SCI	Q2
71.	Effect of processing route on grain refinement and mechanical properties in equal channel angular pressing of aluminium alloy AA7068	Shivashankara B. S. , Gopi K. R., Pradeep S. , Raghavendra Rao R., Venkatesha B. K.	Mechanical Engineering	Journal of Mines, Metals and Fuels	2022	Vol69, Issue 12A, Page 1+7	View article	SCOPUS	Q4
72.	Comparative Study of the Mechanical and Water Absorption Behaviour of Basalt Fiber Reinforced Polymer Matrix Composites with Different Epoxies as Matrix for Biomedical Applications	R Raghavendra Rao, S Pradeep, Nasim Hasan, BS Shivashankara, Mohamed Abdelghany Elkotb, C Ahamed Saleel, Asif Afzal, B Saleh	Mechanical Engineering	Advances in Materials Science and Engineering	2022	Volume 2021, Special Issue1, pp3499645	https://doi.org/10.1155/2021/3499645	SCIE	Q2
73.	Effect of fiber orientation on the mechanical properties of unidirectional basalt fiber reinforced polymer matrix composites	R. Raghavendra Rao, S. Pradeep, B. S. Shivashankara, S. Avinash , N. B. Pradeep	Mechanical Engineering	Journal of Mines, Metals and Fuels	2022	Vol69, Issue 12A, Page 97-101	View article	SCOPUS	Q4

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75.	Investigation on Magnetization, Magnetocalory, Magnetoresistance, and Electric Properties of Ni-Mn Based Heusler Alloy,	Sandeep Nambiar S., Murthy B. R. N., Karthik B. M., Sathyashankara Sharma and A. A. Prasanna,	Physics	Journal of Composite Science,	2022	2023, 7(1), 5	https://www.mdpi.com/2504-477X/7/1/5	Scopus /SCI/ WOS	Q2
76.	Microstructure and Mechanical Properties of Annealed Quinary Ni-Mn-Sn-Fe-In Heusler Alloy	Sandeep Nambiar S, BRN. Murthy, Sathyashankara Sharma, A. A. Prasanna and Arout Chelvane J.	Physics	Engineered Science	2022	2022, 17, 303-308	https://www.espublisher.com/journals/articledetails/632/	Scopus /SCI/ WOS	Q1
77.	Fluorescent sensitized irradiation sensing and recording hybrid quantum dot embedded polymer nanocomposites	SP Raju, R Varma, SN Chaitra, P Poornima, K Thirumalesh, G Sanjeev	Physics	Physica Scripta	2022	97 (5), 055001	DOI 10.1088/1402-4896/ac5f26	Scopus	Q2
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1.	Anti-corrosive and anti-microbial activity of MTMI on CRCA metal	Suhas, R., Srilatha Rao, M. Mahadevaswamy, A. S. Sowmyashree, Padmalatha Rao, CB Pradeep Kumar, N. D. Rekha, and S. Nadigar.	Chemistry	Journal of Molecular Structure	2023	1292 (2023): 136106.	https://doi.org/10.1016/j.molstruc.2023.136106	SCI	Q2
2.	Tailoring the bandgap of zinc indium sulfide/ boroncarbonitride heterostructure for efficient photocatalytic CO_2 reduction	Kumar, K. Yogesh, Lakshminarayana Parashuram, Maralekere Krishnegowda Prashanth, Hamzad Shanavaz, CB Pradeep Kumar, VS Anusuya Devi, Fahd Alharethy, Byong-Hun Jeon, and Madihalli Srinivas Raghu.	Chemistry	Journal of Environmental Chemical Engineering	2023	11, no. 5 (2023): 110867.	https://doi.org/10.1016/j.jece.2023.110867	SCI	Q1
3.	Design, synthesis and molecular docking studies of 5, 6-difluoro-1H-benzo [d] imidazole derivatives as effective binders to GABAA receptor with potent anticonvulsant activity	Raghu, Madihalli Srinivas, Hassan A. Swarup, B. S. Prathibha, K. Yogesh Kumar, CB Pradeep Kumar, Fahad A. Alharti, Maralekere Krishnegowda Prashanth, and Byong-Hun Jeon.	Chemistry	Journal of Molecular Structure	2023	1285 (2023): 135502.	https://doi.org/10.1016/j.molstruc.2023.135502	SCI	Q2
4.	Potential sustainable electrochemical corrosion inhibition study of Citrus limetta on mild steel surface in aggressive acidic media	Sowmyashree, A. S., Amita Somya, Srilatha Rao, CB Pradeep Kumar, Abeer Nasser Al-Romaizan, Mahmoud A. Hussein, Anish Khan, Hadi M. Marwani, and Abdullah M. Asiri.	Chemistry	Journal of Materials Research and Technology	2023	24 (2023): 984-994.	https://doi.org/10.1016/j.jmrt.2023.02.039	SCI	Q1
5.	Experimental and theoretical examinations of triazole linked saccharin derivatives as organic corrosion inhibitors for mild steel in hydrochloric acid	Yousef, Tarek A., Abdulrahman G. Alhamzani, Mortaga M. Abou-Krisha, CB Pradeep Kumar, M. S. Raghu, K. Yogesh Kumar, M. K. Prashanth, and Byong-Hun Jeon.	Chemistry	Journal of Molecular Structure	2023	1275 (2023): 134603.	https://doi.org/10.1016/j.molstruc.2022.134603	SCI	Q2
6.	A novel and effective method for the synthesis 1, 3, 4-oxadiazoles from carbimidothioates and benzohydrazides: An unexpected cyclization	Preetham, Ramesh, Malahalli S. Vijaya Kumar, Toreshettahally R. Swaroop, Kuppalli R. Kiran, Kodipura P. Sukrutha, and Maralinganadoddi P. Sadashiva.	Chemistry	Synthetic Communications	2023	53, no. 7-8 (2023): 568-575.	https://doi.org/10.1080/00397911.2023.2187306	SCI	Q2
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9.	A Comparative Study of Automation, Machine Learning and Artificial Intelligence in the Field of Education	C.M .Naveen Kumar	CS&BS	A Journal for New Zealand Herpetology	2023	Vol 12 Issue 01	https://doi.org/10.1007/s44196-024-00712-4	Web of Science	
10.	Network intrusion detection and classification using machine learning predictions fusion	Harshitha S, Ramesh B	CSE	Indonesian Journal of Electrical Engineering and Computer Science	2023	Vol. 31, No. 2, pp. 1147-1153,	DOI: 10.11591/ijeecs.v31.i2.pp1147-1153	SCI	Q3
11.	A Machine Learning based Approach for Crop Price Prediction	H. L. Gururaj, V. Janhavi, H. Lakshmi, B. C. Soundarya, K. Paramesha, B. Ramesh, and A. B. Rajendra	CSE	Journal of Circuits, Systems and Computers, World Scientific Connect Great Minds	2023	Vol 33, No. 03	DOI: https://doi.org/10.1142/S0218126624500543	SCI	Q3
12.	A fully labeled image dataset of banana leaves deficient in nutrients	Sunitha P, Uma B, Channakeshava S, Suresh Babu C S	CSE	Data in Brief	2023	Vol. 48, 109155, ISSN 2352-3409	https://doi.org/10.1016/j.dib.2023.109155	SCI	Q3
13.	YOLO-based object detection model for detection and counting of flood survivors.	Balaji Prabhu B V., Lakshmi, R., Ankitha, R	CSE(AI&ML)	Model. Earth Syst. Environ	2023	8, 4509–4516	10.1007/s40808-022-01414-6	SCI	Q1
14.	Enhancement of Radiation characteristics in a planar Microstrip patch Antenna using Defected Ground Structure	6. Pallavi H.V, Murti Mahadeva Naik G, A.P. Jagadeesh Chandra, Paramesha	ECE	Journal of Computer and Mathematics Education	2023	Vol.12 No.12	https://www.researchgate.net/publication/354858225_Enhancement_of_Radiation_characteristics_in_a_planar_Microstrip_patch_Antenna_using_Defected_Ground_Structure	Scopus	Q4
15.	Photonic Crystal-based Biosensor to Detect Multiple Myeloma from Blood Serum	Yashaswini P R C. L Triveni, V Krupa, Indira Bahaddur	ECE	Journal of Optics	2023	53, 383–388	https://doi.org/10.1007/s12596-023-01145-6	Scopus	Q4
16.	Design and simulation of a highly sensitive one-dimensional photonic crystal for different chemical sensing applications	PR Yashaswini, HN Gayathri, Indira Bahaddur, PC Srikanth	ECE	Results in Optics	2023	11, 100376	https://doi.org/10.1016/j.rio.2023.100376	SCI	Q3
17.	Self-compensating gold-encapsulated tilted fiber Bragg grating for peak tracking based biosensing applications	Prathap, P.B., Saara, K.	ECE	Journal of Optics	2023	Volume 53, pages 2005–2019, (2024)	https://doi.org/10.1007/s12596-023-01369-6	SCOPUS	Q3
18.	Quantifying efficacy of the fiber bragg grating sensors in medical applications: a survey	Prathap, P.B., Saara, K.	ECE	Journal of Optics	2023	Volume 53, pages 4180-4201, (2024)	https://doi.org/10.1007/s12596-023-01480-8	SCOPUS	Q3
19.	Analytical modeling, fabrication and characterization of a 3-DOF MEMS gyroscope based on UV-LIGA process	Prakruthi H.L,Saara.K	ECE	Journal of Optics	2023	53,2,1068-1078	https://link.springer.com/article/10.1007/s12596-023-01258-y	Scopus	Q3
20.	Performance analysis of photonic crystal based biosensor for the detection of bio-molecules in urine and blood	PR Yashaswini, HN Gayathri, PC Srikanth	ECE	Materials Today: Proceedings	2023	80, 2247-2254	https://doi.org/10.1016/j.matpr.2021.06.192	SCI	Q3
21.	Audio-visual multi-modality driven hybrid feature learning model for crowd analysis and classification	Swathi, HY and Shivakumar, G	ECE	Mathematical Biosciences	2023	20 and pp. 12529--12561	10.3934/mbe.2023558	Scopus /SCI	Q2

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22.	A unified metering system deployed for water and energy monitoring in smart city	N. Sushma, H. N. Suresh, Mohana Lakshmi J, Parvathaneni Naga Srinivasu, Akash Kumar Bhoi, Paolo Barsocchi	EEE	IEEE Access	2023	vol. 11, pp. 80429-80447	10.1109/ACCESS.2023.3299825	Scopus /SCI/ WOS	Q2
23.	Design of a Battery Charge Controller Through MPPT Based Solar Photovoltaic System	B. Pooja, S. Rajanna, N. L.Varaprasad, M. Ramesh, G. R. Sowmya, S. R. Rakshitha	EEE	2022 Fourth International Conference on Emerging Research in Electronics, Computer Science and Technology (ICERECT)	2023		10.1109/ICERECT56837.2022.10060581	Scopus	
24.	Machine Learning Techniques to Security Threats in Social Internet	Dr. Chandrika J	ISE	International Journal of Research in Engineering, Science and Management	2023	iSSN: 2581-5792	10.5815/ijcnis.2021.02.05	Scopus	-
25.	Cluster Based Segmentation for Tobacco Plant Detection & Classification	Dr. Chandrika J	ISE	Bulletin of Electrical Engineering & Informatics (BEEI)	2023	Volume 4, Issue 3.	10.11591/eei.v12i1.4388	Scopus	Q3
26.	Secure Optimal Routing Framework for Wireless Sensor Network to Improve Quality of Services	Dr. Chandrika J	ISE	Journal of Electronics Information Technology Science and Management	2023	-	10.11591/eei.v12i1.4388	Scopus	-
27.	Applying Ensemble Techniques for the Prediction of Alcoholic Liver Cirrhosis	Dr. Chandrika J	ISE	Lecture Notes in Networks and Systems	2023	-	https://doi.org/10.1007/s42979-023-01677-5	Springer Link	Q4
28.	EPCA—Enhanced Principal Component Analysis for Medical Data Dimensionality Reduction	Dr. Chandrika J, Dr. Vinutha M.R	ISE	SN Computer Science	2023	-	https://doi.org/10.1007/s42979-023-01677-5	Springer Link	Q4
29.	Hands-Free Computing for Disabled People Using Computer Vision	Dr. Anand Babu J	ISE	Journal of North Eastern University	2023	-	https://dbdxxb.n	Scopus	-
30.	A Nash Equilibrium Approach for User-Based Data Masking and Retrieval - A Basis of PPPDP	Dr. Anand Babu J	ISE	Journal of Xidian University	2023	-	http://xadzkjdx.n	Scopus	Q4
31.	Novel Approach for Hybrid MAC Scheme for Balanced Energy and Transmission in Sensor Devices	Dr. Anand Babu J	ISE	International Journal of Electrical and Computer	2023	-	-	Scopus	Q3

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32.	An Efficient and Secure Big Data Storage in Cloud Environment by Using Triple Data Encryption Standard	Dr. Anand Babu J	ISE	MDPI	2023	-	https://doi.org/10.3390/bdcc6040101	MDPI/ SCOPUS/SCI	Q2
33.	Quantum Fruit Fly Algorithm and ResNet50-VGG16 for Medical Diagnosis	Dr. Anand Babu J	ISE	Applied Soft Computing	2023	-	https://www.sciencedirect.com/science/article/abs/pii/S156849462300073X	Science Direct (Elsevier)	Q1
34.	Optimal Guidance Whale Optimization Algorithm and Hybrid Deep Learning Networks for Land Use Land Cover Classification	Dr. Anand Babu J	ISE	EURASIP Journal on Advances in Signal Processing	2023	-	https://link.springer.com/article/10.1186/s13634-023-00980-w	Springer Link	Q2
35.	Fuzzy Inference with Enhanced Convolutional Neural Network Based Classification Framework for Predicting Heart Attack Using Sensor Data	Dr. Chandrika J	ISE	International Information and Engineering Technology Association (IIETA)	2023	-	https://www.proquest.com/docview/2807000348?fromopenview=true&pq-origsite=gscholar&sourcetype=Scholarly%20Journals	Scopus	Q4
36.	Hybrid Texture and Gradient Modeling for Dynamic Background Subtraction Identification System in Tobacco Plant Using 5G Data Service	Dr. Chandrika J	ISE	Computer Assisted Methods in Engineering and Science	2023	-	https://bibliotekanauki.pl/	Scopus	-
37.	A Novel Framework for Detection of Harmful Snakes Using YOLO Algorithm	Dr. Anand Babu J	ISE	SN Computer Science	2023	-	https://link.springer.com/article/10.1007/s42979-023-02366-z	Springer Link	Q2
38.	SCEHO-IPSO: A Nature-Inspired Meta Heuristic Optimization for Task-Scheduling Policy in Cloud Computing	Dr. Anand Babu J	ISE	Journal of Applied Science	2023	-	https://www.mdpi.com/2076-3417/13/19/10850	MDPI	Q2
39.	Segmentation and Classification of Medical Big Data on Brain Tumor Using Bacteria Foraging Optimization Algorithm Along with Learning Automata	Dr. Anand Babu J	ISE	John Wiley & Sons, Ltd	2023	-	https://onlinelibrary.wiley.com/doi/abs/10.1002/itl2.468	Scopus	Q4
40.	HOPAV: Hybrid Optimization-Oriented Path Planning for Automated Vehicles	Dr. Anand Babu J	ISE	IET Control Theory & Applications	2023	-	https://ietresearch.onlinelibrary.wiley.com/doi/full/10.1049/cth2.12441	Scopus	Q1
41.	Optimal Guidance Whale Optimization Algorithm for Land Use Land Cover Classification	Dr. Anand Babu J	ISE	EURASIP Journal on Advances in Signal Processing	2023	-	https://link.springer.com/article/10.1186/s13634-023-00980-w	Scopus	Q1
42.	Multiobjective Reptile Search Algorithm for Image Deblurring	Dr. Anand Babu J	ISE	Journal of Artificial Intelligence and Technology	2023	-	https://doi.org/10.33179/jaite.23.4.10	Scopus	Q2
43.	An Exploratory Analysis of MHD Non-Newtonian Nanomaterial Fluids Flow Across an Exponential Elongated Sheet	P. A. Dinesh1, R. Sumithra, C. V. Vinay, N. L. Ramesh1, **G. K. Kalavathi**, N. J. Sahana, R. Gayithri, M. Pooja and H. V. Vandana	Mathematics	Journal of Mines, Metals and Fuels	2023	71(12C) : 225-233	1. 10.18311/jmmf/2023/47299.	scopus	Q4

44.	Radiation Effect on Heat and Mass Transfer of Casson Fluid owing to a Stretching Cylinder – A Numerical Approach	S. Sushma1, M. Uma, G. Neeraja, P. A. Dinesh and **G. K. Kalavathi**	Mathematics	Journal of Mines, Metals and Fuels	2023	71(12C) : 462-468	10.18311/jmmf/2023/47306	scopus	Q4
45.	Impact of Drag Force, Dufour and Suction/Blowing on 2D Radiated Viscous Nanomaterial over Unsteady Stretching Surface	R. Sumithra, P. A. Dinesh, Sweeti Yadav, K. R. Roopa, **G. K. Kalavathi**, G. S. Ashoka1, D. Prabhakar, R. B. Sandhya and Vinod1	Mathematics	Journal of Mines, Metals and Fuels	2023	71(12C) : 322-331	10.18311/jmmf/2023/47259	scopus	Q4
46.	Evaluation of High Temperature Dry Sliding Wear Behaviour of Thermal Sprayed and Microwave Fused WC12Co and CeO2 Modified WC12Co Composite Coatings	Pradeep DG, Venkatesh CV	Mechanical	Applied Science and Engineering Progress	2023	Vol. 16, No. 1, 2023, 5846	https://doi.org/10.14416/j.asep.2022.03.007	Scopus	Q2
47.	Comparative analysis of CoCrAlY coatings at high-temperature oxidation behavior using different reinforcement composition profiles	Nithin H S, Nishchitha K M, Pradeep D G, Durga C P, Mathapati M	Mechanical	Welding in the World	2023	67(3):585-92	https://doi.org/10.1007/s40194-022-01405-2	SCIE	Q1
48.	Simulation of Self Tuning Shape Memory Alloy Based PZT Energy Harvester	M. G. Vasundhara , G. K. Kalavathi, E. L. Pradeesh , K. K. Yogesha , H. R. Prakash , B. Muralidhara and B. Hulugappa	Mechanical	Journal of Mines, Metals and Fuels, ;	2023	VOL 71, 2667-2677	10.18311/jmmf/2023	scopus	Q4
49.	Experimental and numerical analysis on different beam geometries for vibration based piezoelectric energy harvester	E. L. Pradeesh, S. Udhayakumar, M. G. Vasundhara, G. K. Kalavathi	Mechanical	Ferroelectrics, Taylor & Francis	2023	VOL. 606, 219,Äì23	10.1080/00150193.2023.2189838	scopus /SCI/ WOs	Q4
50.	Analysis of Viscous Shear Effect in the Boundary Layer Region of Porous Medium of Infinitely Long Journal Bearing	Somashekhar M, Kalavathi GK, Vasundhara MG, Dinesh PA	Mechanical	International Journal of Intelligent Systems and Applications In Engineering	2023	VOL. 11, 663,Äì676	https://ijisae.org/index.php/IJISAE/article/view/7311	scopus	Q4
51.	Predictive Analysis of Slurry Erosion Behaviour in Aluminium-Based Hybrid Metal Matrix Composites: Experimental and Machine Learning Approach	Sharath BN, Karthik S, Madhu P, Madhu KS, Pradeep DG	Mechanical	Journal of Bio-and Tribo-Corrosion	2023	2023 Dec;9(4):70	1. https://doi.org/10.1007/s40735-023-00793-2	Scopus	Q2
52.	Evaluation of dry sliding wear behavior of thermally sprayed and microwave post-processed TiO2 reinforced tungsten carbide composite coating	Pradeep DG, Nithin HS, Sharath BN, Madhu KS	Mechanical	Welding in the World	2023	2023 Nov 9:1-3	https://doi.org/10.1007/s40194-023-01617-0.	SCIE	Q1
53.	Development of banana fabric incorporated polymer composites for printed circuit board application	Bharath KN, Madhu P, Yashas Gowda TG, Arpitha GR, Pradeep S, Rangappa SM, Siengchin S	Mechanical	Biomass Conversion and Biorefinery	2023	14(19): 12599-12612	https://doi.org/10.1007/s13399-023-04249-y	SCIE	Q2
54.	Investigations on physical, mechanical, morphological and water absorption properties of ramie/hemp/kevlar reinforced vinyl ester hybrid composites	Jagadeesh P, Madhu P, Thyavihalli Girijappa YG, Shivanna P, Mavinkere Rangappa S, Siengchin S	Mechanical	Journal of Vinyl and Additive Technology	2023	29(3):555-567	https://doi.org/10.1002/vnl.22008	SCIE	Q2
55.	Accelerated weathering of sustainable and micro-filler Basalt reinforced polymer biocomposites: Physical, mechanical, thermal, wettability, and water absorption studies	Jagadeesh P, Madhu P, Rangappa SM, Siengchin S	Mechanical	Journal of Building Engineering	2023	########	https://doi.org/10.1016/j.jobe.2023.108040	SCIE	Q1
56.	Mechanical and thermal properties of flax /carbon/kevlar based epoxy hybrid	TG YG, Ballupete Nagaraju S, Madhu P, Verma A, Rangappa SM, Siengchin S	Mechanical	Journal of Composites Science	2023	7(6):242	https://doi.org/10.3390/jcs7060242	Scopus	Q2
57.	Characterization of novel natural cellulose fiber from Ficus macrocarpa bark for lightweight structural composite application and its effect on chemical treatment	Madhu P, Yashas Gowda TG, Pradeep S	Mechanical	Biomass Conversion and Biorefinery	2023	21906815, 21906823	https://doi.org/10.1007/s13399-023-04249-y	SCI	Q2

58.	High Temperature Tensile Behaviour of Ceramic-Hybridized Metal Matrix Composites for Above-Room-Temperature Applications	Sharath BN, Madhu KS, Pradeep DG, Madhu P, Premkumar BG, Karthik S	Mechanical	Silicon	2023	2023 Nov 10:1-2	1. https://doi.org/10.1007/s12633-023-02746-3.	SCIE	Q2
59.	Thermal analysis of sustainable and micro-filler Basalt reinforced polymer biocomposites for lightweight applications	Jagadeesh P, Rangappa SM, Madhu P, Suyambulingam I, Siengchin S	Mechanical	Journal of Building Engineering	2023	########	https://doi.org/10.1016/j.jobe.2023.107869	SCIE	Q1
60.	Predictive Analysis of Slurry Erosion Behaviour in Aluminium Based Hybrid Metal Matrix Composites: Experimental and Machine Learning Approach	Sharath BN, Karthik S, Madhu P, Madhu KS, Pradeep DG	Mechanical	Journal of Bio-and Tribo-Corrosion	2023	9(4):70	https://doi.org/10.1007/s40735-023-00793-2	Scopus	Q2
61.	Drilling characteristics and properties analysis of fiber reinforced polymer composites: A comprehensive review	Jagadeesh P, Rangappa SM, Suyambulingam I, Siengchin S, Madhu P, Binoj JS, Gorbatyuk S, Khan A, Doddamani M, Fiore V, Cuadrado MM	Mechanical	Heliyon	2023	9(3)	10.1016/j.heliyon.2023.e14428	SCIE	Q1
62.	Study of treatment effect on the Cocos Nucifera lignocellulosic fibers as alternative for polymer composites	Bharath KN, Madhu P, Mavinkere Rangappa S, Basavarajappa S, Siengchin S, Khan A, Gorbatyuk SM	Mechanical	Journal of Natural Fibers	2023	20(1):2134257	https://doi.org/10.1080/15440478.2022.2134257	SCIE	Q2
63.	A novel study on the development of sisal-jute fiber epoxy filler,Äìbased composites for brake pad application	Manjulaiah H, Dhanraj S, Basavegowda Y, Lamani LN, Madhu P, Rangappa SM, Siengchin S	Mechanical	Biomass Conversion and Biorefinery	2023	14(19): 23411-23423	https://doi.org/10.1007/s13399-023-04219-4	SCIE	Q2
64.	Biopolymer-based composites: an eco-friendly alternative from agricultural waste biomass	TG YG, Ballupete Nagaraju S, Madhu P, Verma A, Rangappa SM, Siengchin S	Mechanical	Journal of Composites Science	2023	7(6):242	https://doi.org/10.3390/jcs7060242	Scopus	Q2
65.	Mechanical characterization of B4C-Gr Al2618 based composites synthesized by stir casting method	Nagaraju SB, Somashekara MK, Govindaswamy PD, Madhu P, Girijashankar PB, Sathyanarayana K	Mechanical	Applied Science and Engineering Progress	2023	6(3):6579	https://doi.org/10.14416/j.asep.2022.12.005	Scopus	Q2
66.	Effects of tertiary ceramic additives on the micro hardness and wear characteristics of Al2618+ Si3N4-B4C-Gr hybrid composites for automotive applications	Sharath BN, Madhu KS, Pradeep DG, Madhu P, Premkumar BG, Karthik S	Mechanical	Journal of Alloys and Metallurgical Systems	2023	########	https://doi.org/10.1016/j.jalmes.2023.100014	Scopus	-
67.	Effect of sugarcane bagasse and alumina reinforcements on physical, mechanical, and thermal characteristics of epoxy composites using artificial neural networks and response surface methodology	Arpitha GR, Mohit H, Madhu P, Verma A	Mechanical	Biomass Conversion and Biorefinery	2023	14(11): 12539-12557	https://doi.org/10.1007/s13399-023-03886-7	SCIE	Q2
68.	Experimental and artificial neural network-based slurry erosion behavior evaluation of cast iron	Karthik S, Sharath BN, Madhu P, Madhu KS, Prem Kumar BG, Verma A	Mechanical	International Journal on Interactive Design and Manufacturing (IJIDeM)	2023	18(9): 6739-6749	https://doi.org/10.1007/s12008-023-01618-9	Scopus	Q2
69.	A review on the fabrication and mechanical characterization of fibrous composites for engineering applications	HS Ashrith, TP Jeevan, J Xu	Mechanical	Journal of Composites Science	2023	7 (6), 252	https://doi.org/10.3390/jcs7060252	SCI	Q2
70.	PLC Controlled Assembly Automation for Spot Welding Work Station	CV Dhanalakshmi, BS Shivashankara	Mechanical	Journal of Mines, Metals and Fuels	2023	Vol 71, Issue 11, p2368	https://doi.org/10.18311/jmmf/2023/36267	Scopus	Q4
71.	Exploring the influence of safranin dye on optical, Thermal and dielectric properties of TGA crystal for SSDL applications	G. Chaithra P. R. Deepthi, Wajeeha Sultana, Malathi Challa, Anu Sukhdev, P. Mohan Kumar, B. C. Hemaraju, and J. Shanthi	Physics	Journal of Materials Science: Materials in Electronics	2023	34(1), 29	https://doi.org/10.1007/s10854-022-09466-1	SCI/WOS	Q2

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73.	Superparamagnetic and spin glass characteristics with Griffiths phase in Ni50Mn30−xFexSn20−ySby (1 ≤ x ≤ 4and 2 ≤ y ≤ 8) Heusler alloys,	A. A. Prasanna , S. Sachin, C. Ningappa	Physics	Journal of Materials Research	2023	Volume 38, pages 3741–3749, (2023)	https://link.springer.com/article/10.1557/s43578-023-01096-5	Scopus /WOS	Q2
74.	Near Room Temperature Martensitic transition in Ductile Ni50Mn30-xFexSn20-ySby (1≤x≤4 and 2≤y≤8) Heusler alloys	A. A. Prasanna , S. Sachin, C. Ningappa	Physics	Journal of Materials Research	2023	Volume 38, pages 2264–2273, (2023)	https://link.springer.com/article/10.1557/s43578-023-00963-5	Scopus /WOS	Q2
75.	Martensitic Transformation and Magnetic Properties of Ni-Mn Quinary Heusler Alloy,	Sandeep Nambiar S., Murthy B. R. N., Sathyashankara Sharma and A. A. Prasanna,	Physics	Journal of Composite Science,	2023	2023, 7(1), 1	https://www.mdpi.com/2504-477X/7/1/1	Scopus /SCI/ WOS	Q2
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1.	Design, synthesis and docking studies of new molecular hybrids bearing benzimidazole and thiazolidine-2, 4-dione as potential antitubercular agents	Raghu, M. S., Amar Yasser Jassim, CB Pradeep Kumar, K. Yogesh Kumar, M. K. Prashanth, Fahd Alharethy, and Byong-Hun Jeon.	Chemistry	Journal of the Indian Chemical Society	2024	101, no. 10 (2024): 101346.	https://doi.org/10.1016/j.jics.2024.101346	SCI	Q2
2.	Boosting light-driven hydrogen evolution through cerium vanadate/cerium sulphide type–II heterostructure	Kumar, K. Yogesh, M. K. Prashanth, L. Parashuram, H. Shanavaz, CB Pradeep Kumar, Fahd Alharethy, Byong-Hun Jeon, K. K. Prashanth, and M. S. Raghu.	Chemistry	Applied Catalysis O: Open	2024	192 (2024): 206965.	https://doi.org/10.1016/j.apcato.2024.206965	SCI	Q2
3.	Synthesis, biological evaluation and molecular docking study of pyrimidine linked thiazolidinedione derivatives as potential antimicrobial and antitubercular agents	Raghu, M. S., CB Pradeep Kumar, K. Yogesh Kumar, M. K. Prashanth, Fahd Alharethy, and Byong-Hun Jeon.	Chemistry	Bioorganic & Medicinal Chemistry Letters	2024	103 (2024): 129707.	https://doi.org/10.1016/j.bmcl.2024.129707	SCI	Q2
4.	Facile synthesis of limeonia acidissima shell derived carbon-vanadium pentoxide nanocomposite for sensitive detection of carbofuran	Prashanth, M. K., H. Shanavaz, K. Yogesh Kumar, VS Anusuya Devi, Fahd Alharethy, CB Pradeep Kumar, K. K. Prashanth, Byong-Hun Jeon, and M. S. Raghu.	Chemistry	Results in Chemistry	2024	7 (2024): 101401.	https://doi.org/10.1016/j.rechem.2024.101401	SCI	Q2
5.	Prediction of Unconfined Compressive Strength of Expansive Soil Amended with Bagasse Ash and Lime Using Artificial Neural Network	Dr. A J Krishnaiah	Civil Engineering	Journal of Soft Computing in Civil Engineering	2024	Volume 8, Issue 1 & Pages 1-160	https://doi.org/10.22115/scce.2023.364221.1536	Scopus	Q1
6.	Effect of partial replacement of coarse aggregates by wind turbine blade waste- Resin aggregates in concrete	Dakshayini R S	Civil Engineering	ZKG International Journal	2024	Vol 9	zkginternational.com/archive/volume9/Effect-of-Partial-Replacement-of-Coarse-Aggregates-by-Wind-Turbine-Blade-Waste-Resin-Aggregates-in-Concrete.pdf	WOS	Q4
7.	Shrinkage and Strength Characteristics of Expansive Soil Amended with Bagasse Ash and Lime	Dr. A J Krishnaiah	Civil Engineering	Revista Ingenieria de Construccion	2024	Volume 38, Issue 3	https://doi.org/10.7764/RIC.00082.21	Scopus	Q4
8.	Sustainable Energy Solutions: Bio-diesel Blends from Bitter wood Oil for Engine Efficiency and Emission Reduction	Kishor Kumar S, Brunda B N, Krishnaswaroop C D	Civil Engineering	Tuijin Jishu/Journal of Propulsion Technology	2024	Vol. 45 No. 03	https://doi.org/10.52783/tjjpt.v45.i03.8001	Scopus	Q3

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10.	An Exploration of Emotion Recognition using Deep Learning across Multiple Modalities: Spoken Language, Written Text, and Facial Expressions	Dhruva M.S, Sunitha R and Chandrika J	CSE	Grenze International Journal of Engineering and Technology	2024	Vol. 10, Issue: 2, pp. 5786-5792	Grenze ID: 01.GIJET.10.2.700	Crossref	NA (twice Yearly)
11.	A Convolution Neural Network with Skip Connections (CNNSC) approach for detecting micronutrients boron and iron deficiency in banana leaves	Sunitha, P, Uma, B, Geetha Kiran, Channakeshava S and Suresh Babu C S	CSE	Journal of Umm Al-Qura University for Engineering and Architecture	2024	Vol. 15, pp. 467-484	10.34740/KAGGLE/DSV/2175623	Springer Nature (Scopus)	NA
12.	A Review: An Efficient and Reliable Secure Routing Mechanism with the Prevention of Attacks in Mobile Ad-Hoc Network (MANET)	Ramesh B, Prasanna K S	CSE	Wireless Personal Communications	2024	Vol. 133, pp.2541-2580	https://doi.org/10.1007/s11277-024-10888-9	SCI	Q2
13.	A Machine Learning based Approach for Crop Price Prediction	Ramesh B, H. L. Gururaj	CSE	Journal of Circuits, Systems and Computers	2024	Vol. 33, No. 03, 2450054	https://doi.org/10.1142/S0218126624500543	SCI	Q3
14.	Effective Feature Extraction Using Residual Attention and Local Context Aware Classifier for Crop Yield Prediction	Vinay Kumar V N, Ananda Babu J, Balaji Prabhu B V	CSE(AI&ML)	International Journal of Advanced Computer Science and Applications	2024	Vol 15, No. 7	10.14569/IJACSA.2024.0150774	SCI	Q3
15.	PoseWatch: Advancing Real Time Human Pose Tracking and Juxtapositoin with Deep Learning	Tajamul Ashraf, Balaji Prabhu B V, Omkar S N	CSE(AI&ML)	Computer Vision and Image Processing	2024	pp 13-24	10.1007/978-3-031-58181-6_2	SCOPUS	
16.	ARIA: Augmented Reality and Artificial Intelligence enabled mobile application for Yield and grade prediction of tomato crops	Balaji Prabhu B V, Shashank R, Shreyas B, Omkar Subbaram Jois Narsipura	CSE(AI&ML)	Procedia Computer Science	2024		10.1016/j.procs.2024.04.254	SCOPUS	Q3
17.	Cervical Cancer Diagnosis Using Photonic Crystal Based Bio Sensor	Meghashree B.S	E&C	IJARESM	2024	Volume 12 Issue 5	https://www.ijaresm.com/cervical-cancer-diagnosis-using-photonic-crystal-based-bio-sensor	SCI	Q3
18.	Novel method to determine bedrock from a single sensor based seismic reflection signal using Haar wavelet transform	N E Ramesh	E&I	Discover Geoscience	2024	(2024) 2:61	DOI:10.1007/s44288-024-00062-w	SCI	Q2
19.	A Convolution Neural Networkwith Skip Connected (CNNSC) approach for Detecting Micronutrients Boron and Iron deficiency in banana Leaves	Suresh Babu C S	E&I	Results in Engineering, Springer	2024	15, 467–485 (2024)	https://doi.org/10.1007/s43995-024-00069-x	SCI	Q1
20.	A Novel method for Delineating Thick and Thin Sub Surface layers of the Earth using Wavelet Local Maxima Lines	N E Ramesh	E&I	Research Square	2024	Vol 1.	https://doi.org/10.21203/rs.3.rs-3887098/v1		
21.	Novel method to determine bedrock from a single sensor based seismic reflection signal using Haar wavelet transform	N E Ramesh	E&I	Discover Geoscience	2024	(2024) 2:61	DOI:10.1007/s44288-024-00062-w	SCI	Q2

22.	A Convolution Neural Networkwith Skip Connected (CNNSC) approach for Detecting Micronutrients Boron and Iron deficiency in banana Leaves	Suresh Babu C S	E&I	Results in Engineering, Springer	2024	15, 467–485 (2024)	https://doi.org/10.1007/s43995-024-00069-x	SCI	Q1
23.	A high sensitive integrated optic serially coupled racetrack ring resonator based pressure sensor	Venkateswara Rao Kolli, Rishitej Chaparala, Sreenivasulu Tupakula	ECE	Optical Materials	2024	Volume 149,	ttps://doi.org/10.1016/j.optmat.2024.115018		
24.	Enhanced biosensing with rhombic ring resonator in 2D photonic crystals for proteinuria detection	Yashaswini P R, Venkateswara Rao Kolli, Geetha L, Gautam Narayan Nirala, Srikanth P. C	ECE	Optik	2024		https://doi.org/10.1016/j.ijleo.2024.172041	Scopus	Q3
25.	Integrated Optic Microring Resonator for Various Sensing Applications: Design and Analysis	Rishitej Chaparala, Venkateswara Rao Kolli, Srinivas Talabattula, Sreenivasulu Tupakula.	ECE	Journal of Optics	2024		https://doi.org/10.1007/s12596-024-02177-2	Scopus	Q3
26.	SiO 2 -Au-GO based 2D Photonic Crystal Biosensor for Protein Analysis and Immunological Evaluation	Prathap, P.B., Prakruthi H L, Saara, K	ECE	Journal of Optics	2024	NA	https://doi.org/10.1007/s12596-024-01993-w	SCOPUS	Q3
27.	A unified metering system deployed for water and energy monitoring in smart city	N Sushma, HN Suresh, J Mohana Lakshmi, Parvathaneni Naga Srinivasu, Akash Kumar Bhoi, Paolo Barsocchi	ECE	IEEEAccess	2024	VOLUME 11	https://doi.org/10.1109/ACCESS.2023.3299825	SCI	Q1
28.	Secure and Efficient PAPR Reduction in OFDM Using PTS Based Nonlinear Variation Convergence Factor with Spotted Hyena Optimization.	Kenkere Basavaraju, Santhosh Kumar, Sushma Nagesh, Deepika Kedigehalli Chandrashekhar, Mohana Lakshmi Jayaramu, Indira Bahaddur, and Murthi Mahadeva Naik Ganganaik.	ECE	International journal of intelligent Engineering Systems	2024	Vol.17, No.6, 2024	https://doi.org/10.22266/ijies2024.1231.99	Scopus	Q2
29.	Design and Implementation of Smart Blind Stick for Obstacle Detection and Navigation System	Raghu N., Yogesh Kumaran S., Rajeshwari D., Ganesh Srinivasa Shett, Hemanth Kumar B. M., Anil Kumar D. B. Niranjan Kannanugo	ECE	Journal of Electrical systems	2024	Vol 20, No. 2s	https://doi.org/10.52783/jes.1770	Scopus	Q4
30.	Experimental investigation on wireless integrated smart system for energy and water resource management in Indian smart cities	Sushma N., Suresh H.N., Mohana Lakshmi J., Santhosh Kumar K.B.	ECE	Results in Engineering - Elsevier	2024	Volume 23	https://doi.org/10.1016/j.rineng.2024.102687	SCI	Q1
31.	Multiple-Input Multiple Output-Orthogonal Frequency Division Multiplexing System using Improved Wild Horse Optimization for Channel Estimation	Santhosh Kumar Kenkere Basavaraju1* Sushma Nagesh1 Murthi Mahadeva Naik Ganganaik1 Triveni Chitralingappa Lingappa1 Sreenivasulu Tupalula2 Venkateswara Rao Kolli1 Indira Bahaddur1	ECE	International journal of intelligent Engineering Systems	2024	Vol.17, No.5, 2024	10.22266/ijies2024.1031.60	Scopus	Q2
32.	SiO2-Au-GO Based 2D Photonic Crystal Biosensor For Protein Analysis And iImmunological Evaluation	Prathap.P.B, Prakruthi H.L, Saara.K	ECE	Journal of Optics	2024		https://link.springer.com/article/10.1007/s12596-024-01993-w	Scopus	Q3
33.	Integrated Optical ring resonator based comb filter in Silicon – on – insulator with through – to – add port feedback path showing larger free spectral range	Animesh Srivastava and Gaurav Kumar Bharti Parimal Sah, Dheeraj Kumar, Yashaswini P. R	ECE	Journal of NanoPhotonics	2024	18, 026005	https://doi.org/10.1117/1.JNP.18.026005	Web of Science	Q3
34.	Cardiovascular disease detection from cardiac arrhythmia ECG signals using artificial intelligence models with hyperparameters tuning methodologies	Gowri Shankar Manivannan, Rajanna S	EEE	Heliyon	2024	Volume 10, Issue 17, 15 September 2024, e36751	https://doi.org/10.1016/j.heliyon.2024.e36751	Scopus /SCI/ WOS	Q1
35.	Detection of Alcoholic EEG signal using LASSO regression with metaheuristics algorithms based LSTM and enhanced artificial neural network classification algorithms	Gowri Shankar Manivannan	EEE	Scientific Reports	2024	14, 21437 (2024)	https://doi.org/10.1038/s41598-024-72926-7	Scopus /SCI/ WOS	Q1
36.	Experimental investigation on wireless integrated smart system for energy and water resource management in Indian smart cities	J. Mohana Lakshmi	EEE	Results in Engineering	2024	Volume 23, September 2024, 102687	https://doi.org/10.1016/j.rineng.2024.102687	Scopus /SCI/ WOS	Q2
37.	Performance Analysis of Local Binary Pattern Features with Eagle Optimization Algorithm based CNN Classifier for Breast Cancer Detection from Ultrasound Images	Gowri Shankar Manivannan, Rajanna Siddaiah, Chethana K R, Asra Firdose, Bharath C and Adithya N	EEE	IEEE 2024 International Conference on Computing and	2024		10.1109/ICCIRT59484.2024.10921764	Scopus	

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38.	Performance Analysis of LSTM Classification Model from GLCM with Lion Optimization Algorithm Features for Melanoma Identification from Skin Cancer Images	Gowri Shankar Manivannan, Kaveri K B, Sinchana A R, Shifa Fathima, Sonika T M and Priya D P	EEE	IEEE 2024 International Conference on Computing and Intelligent Reality Technologies (ICCIRT)	2024		10.1109/ICCIRT59484.2024.10921952	Scopus	
39.	Performance Analysis of Rabbit Algorithm with Gaussian Process Classifier for Detection of Adenocarcinoma from Lung Cancer Histopathological Images	Gowri Shankar M, M. Sudharshan	EEE	IEEE 2024 International Conference on Computing and Intelligent Reality Technologies (ICCIRT)	2024		10.1109/ICCIRT59484.2024.10922062	Scopus	
40.	Performance Analysis in Blast Induced Ground Vibrations with Advanced Machine Learning Algorithm Techniques	Gowri Shankar Manivannan, Rajanna S	EEE	IEEE- 5th International Conference on Communication, Computing & Industry 6.0 (C2I6)	2024		10.1109/C2I663243.2024.10895049	Scopus	
41.	Simulation Based Hybrid Solar and Wind Energy System for Standalone Application	Poornima H G; Bindushree S N; Raksha A; Lateshkumar S N; Rajanna S.; Ramesh M	EEE	2024 IEEE Students Conference on Engineering and Systems (SCES)	2024		10.1109/SCES61914.2024.10652580	Scopus	
42.	Intelligent Rush hour management in Metro stations	Anandu V P, U Vinutha, Y K Bharath, V S Neethu	EEE	2024 International Conference on Advancements in Power, Communication and Intelligent systems (APCI)	2024		https://doi.org/10.1109/APCI61480.2024.10617108	Scopus	
43.	Brain and voice controlled wheelchair	LAKSHMIKANTHA H. N DEVIKA R. H DARSHAN J. D. JALOKA S. M., S. P KRUTHI	EEE	International Journal of Industrial	2024	Volume-12 Issue-5, May.-2024, http://ijieee.org.in		Scopus	

				Electronics and Electrical Engineering					
44.	Advanced Control Techniques for Wind Turbine Optimization: Challenges and Future Directions	Yogitha S K	EEE	International open access journal	2024	ISSN : 0044-0477	https://ymerdigital.com/uploads/YMER230807.pdf	Scopus	
45.	Diabetes Prediction Using Parametric Swish-based Recurrent Neural Network	Dr. Anand Babu J	ISE	International Journal of Intelligent Engineering & Systems	2024	-	https://inass.org/wp-content/uploads/2023/10/2024043009-2.pdf	Scopus	Q1
46.	Video Steganography Using CNN and Temporal Residual Modelling	Dr. Anand Babu J	ISE	Computer Integrated Manufacturing Systems	2024	-	https://doi.org/10.1016/j.cims.2024.02.003	Scopus	Q3
47.	Effective Feature Extraction for Crop Yield Prediction	Dr. Anand Babu J	ISE	International Journal of Advanced Computer Science & Applications	2024	-	https://thesai.org/Publications/ViewPaper?Volume=15&Issue=7&Code=ijacsa&SerialNo=39	Scopus	Q2
48.	Design and developement of VCU for REEV	Vanitha A	ISE	International Journal of All Research and Science Method	2024	Volume 12, Issue 5,	https://www.ijaresm.com/uploaded_files/document_file/Vanitha_AEMpA.pdf		
49.	A Metaheuristic-Based Deep Learning Classifier for Effective Dengue Disease Prediction in IoT-Fog Systems	Dr. Anand Babu J	ISE	International Journal of Intelligent Systems	2024			Scopus / SCI	Q1
50.	Graph Laplacian-Based Sparse Coding for Secure Image Restoration and Representation in IoT	Dr. Anand Babu J	ISE	International Journal of Modeling, Simulation, and Scientific Computing	2024	Volume 15	-	Scopus	Q2
51.	Graph Laplacian Regularization with Sparse Coding in Secure Image Restoration and Representation for the Internet of Things	Ananda Babu, J.	ISE	the International Journal of Information Technology & Decision Making.	2024	Volume 15	https://doi.org/10.1142/S1793962324410149	Scopus	Q2
52.	Dual Strategy-Based Improved Swarm Intelligence and Stacked LSTM With Residual Connection for Land Use Land Cover Classification	Dr. Ananda Babu J	ISE	IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing	2024	-	-	Scopus / SCI	Q1

53.	Spiralizer Strategy with Wolf Pack Algorithm and Temporal Convolution Network – Gated Recurrent Unit for Coconut Crop Yield Prediction	Dr. Ananda Babu J	ISE	SN Computer Science	2024	-	https://ouci.dntb.gov.ua/en/works/ldev1zD9/?utm_source	Scopus	Q2
54.	The Degree Energy of a Graph	Nagalakshmi, A.R.; Shrikanth, A.S.; Kalavathi, G.K.; Sreekeshava, K.S.	Mathematics	MDPI - Mathematics	2024	12, 2699	https://doi.org/10.3390/math12172699	Scopus /SCI/ WOS	Q1
55.	The cordial Energy of some Graphs	Nagalakshmi, A.R.; Shrikanth, A.S.; Kalavathi, G.K,	Mathematics	Proyecciones (Antofagasta, On line)	2024	Vol. 43, No 6, pp. 1455-1471,	https://doi.org/10.22199	scopus	Q3
56.	Thermal transport of magnetized nanoliquid flow over lubricated surface with activation energy and heat source/sink	Ramesh G.K, Madhukesh J.K, Pradeep N Hiremath, Roopa G. S	Mathematics	Numerical Heat Transfer, Part B: Fundamentals	2024	Vol. 85(7), Pp. 922-939	https://doi.org/10.1080/10407790.2023.2257880	Scopus /SCI/ WOS	Q2
57.	Influence of pollutant dispersion on nanofluid flowing across a stretched disc-cone device	Madhukesh JK, Ramesh GK, Fatima HN, Roopa GS, Shehzad SA.	Mathematics	Journal of Molecular Liquids	2024	Vol. 411, 125710	https://doi.org/10.1016/j.molliq.2024.125710	Scopus /SCI/ WOS	Q1
58.	Advancing the Performance of Ceramic-Reinforced Aluminum Hybrid Composites: A Comprehensive Review and Future Perspectives	Nagaraju SB, Madhu P, Somashekara MK, Girijappa TG, Govindaswamy PD, Sathyanarayana K	Mechanical	Applied Science and Engineering Progress	2024	17(2):7034 7034	https://doi.org/10.14416/j.asep.2023.10.001	Scopus	Q2
59.	‚ÄúSustainable Energy Solutions: Biodiesel Blends from Bitterwood Oil for Engine Efficiency and Emission Reduction‚Äù	Kishor Kumar S1, Brunda B N2, Krishnaswaroop C D3, Yashwanth Kumar M K4, Pradeep Kumar R S5, M S Prathap6	Mechanical	Tuijin Jishu/Journal of Propulsion Technology	2024	ISSN: 1001-4055	https://doi.org/10.52783/tjjpt.v45.i03.8001	Scopus	Q4
60.	High Temperature Tensile Behaviour of Ceramic Hybridized Metal Matrix Composites for Above-Room Temperature Applications	Sharath BN, Madhu KS, Pradeep DG, Madhu P, Premkumar BG, Karthik S	Mechanical	Silicon	2024	16(3):1205-1216	https://doi.org/10.1007/s12633-023-02746-3	SCIE	Q2
61.	An artificial neural network and Taguchi prediction on wear characteristics of Kenaf‚ÄìKevlar fabric reinforced hybrid polyester composites	Nagaraju SB, Madhu P, Somashekara MK, Girijappa TG, Govindaswamy PD, Sathyanarayana K	Mechanical	Applied Science and Engineering Progress	2024	17(2):7034 7034	https://doi.org/10.14416/j.asep.2023.10.001	Scopus	Q2
62.	Influence of Water Absorption on Mechanical and Morphological Behaviour of Roystonea-Regia/Banana Hybrid Polyester Composites	Gowda AH, Goud G, Sathynarayana K, Madhu P	Mechanical	Applied Science and Engineering Progress	2024	17(1):7074	https://doi.org/10.14416/j.asep.2023.10.003	Scopus	Q2
63.	Artificial neural networks for predicting mechanical properties of Al2219-B4C-Gr composites with multireinforcements	Nagaraju SB, Sathyanarayana K, Somashekara MK, Pradeep DG, Madhu P, Verma A	Mechanical	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	2024	238(6):2170-2184	doi:10.1177/09544062231196038	SCI	Q2
64.	A review on the potential impact of age hardening on aluminium alloys and hybrid composites for engineering applications	Sharath BN, Pradeep D G, Madhu KS	Mechanical	Progress in Engineering Science	2024	########	https://doi.org/10.1016/j.pes.2024.100013	Scopus	
65.	Effect of microwave hybrid heating on high temperature dry sliding wear behavior of Al	Pradeep, D. G., H. S. Nithin, B. N. Sharath, and K. S. Madhu	Mechanical	Welding in the World	2024	Volume 69, pages 915‚Äì927	https://doi.org/10.1007/s40194-024-01852-z.	SCIE	Q1

66.	Analysis of friction and wear performance of eco-friendly basalt filler reinforced polylactic acid composite using the Taguchi approach	Jagadeesh P, Madhu P, Suyambulingam I, Gupta MK, Mavinkere Rangappa S, Siengchin S	Mechanical	Journal of Thermoplastic Composite Materials	2024	37(7):2479-2504	https://doi.org/10.1177/08927057231211231	SCIE	Q2
67.	Gamma radiation-induced degradation of mechanical properties in Carbon/Kevlar hybrid epoxy composites for aerospace applications	Sharath BN, TG YG, BC H, Madhu P	Mechanical	Journal of Polymer Research	2024	31(12):1-19	https://doi.org/10.1007/s10965-024-04210-1	SCIE	Q2
68.	Enhancing Wear Resistance, Mechanical Properties of Composite Materials through Sisal and Glass Fiber Reinforcement with Epoxy Resin and Graphite Filler	Devendrappa SK, Madhu P, Sharath BN	Mechanical	Journal of the Indian Chemical Society	2024	101(10): 101349	https://doi.org/10.1016/j.jics.2024.101349	SCIE	Q3
69.	Mechanical Characterization and Water Absorption Behavior of Waste Coconut Leaf Stalk Fiber Reinforced Hybrid Polymer Composite: Impact of Chemical Treatment	Nagaraju SB, Madhu P, Girijappa YG, Rawat NK, Verma A, Rangappa SM, Siengchin S	Mechanical	Applied Science and Engineering Progress	2024	17(3):7371	https://doi.org/10.14416/j.asep.2024.05.003	Scopus	Q2
70.	Isolation and extraction of microcellulose from Alpine galanga fiber	Femiana G, Putu HS, Afifah H, Madhu P, Muhammad A, Sanjay MR, Suchart S	Mechanical	Sustainable Chemistry and Pharmacy	2024	########	https://doi.org/10.1016/j.scp.2024.101829	SCIE	Q1
71.	Wear behaviour of aluminium based hybrid composites processed by equal channel angular pressing	Sharath BN, Madhu P, Verma A	Mechanical	Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology	2024	238 (9): 1079-1090	https://doi.org/10.1177/13506501241247616	SCIE	Q2
72.	Investigation on the wear characteristics of 3D printed graphene-reinforced PLA composites	Banupriya Rachaiah, Jeevan Tamalapura Puttaswamy, Sharath Ballupete Nagaraju, Divya Hanumegowda Vedavathi	Mechanical	Discover Materials	2024	4(1)	https://doi.org/10.1007/s43939-024-00152-z	Scopus	
73.	A novel composite connecting rod: study on mechanical and dynamic behaviour through experimental and finite element approach	Gopi K R & Ashrith H S	Mechanical	Advances in Materials and Processing Technologies	2024	576-588	https://doi.org/10.1080/2374068X.2024.2307286	Scopus	Q2
74.	Characterizing the effects of SiC and Al2O3 on the mechanical properties of Al6082 hybrid metal matrix composites: An experimental and neural network approach	AA Masood, A Ali, P Madhu, TG Yashas Gowda, TP Jeevan, BN Sharath	Mechanical	University of Maribor, Faculty of Mechanical Engineering, Production Engineering Institute	2024	19 (2)	https://doi.org/10.14743/apem2024.2.507	Scopus	Q2
75.	Recent Reviews on Hybrid Nano Reinforcements for Improving Mechanical Properties of Polymers for sustainable applications	B Seema, L Girisha, Ramaswamy Subbiah, TP Jeevan	Mechanical	E3S Web of Conferences	2024		https://doi.org/10.1051/e3sconf/202455201043	Scopus	
76.	3D printed graphene reinforced composites: Opportunities and challenges	R Banupriya, TP Jeevan, HV Divya, TG Yashas Gowda, GA Manjunath	Mechanical	Polymer Composites	2024		https://doi.org/10.1002/pc.29068	SCI	Q1
77.	Gamma radiation-induced degradation of mechanical properties in Carbon/Kevlar hybrid epoxy composites for aerospace applications	B. N Sharath, TG Yashas Gowda, B C Hemaraju, and P. Madhu	Physics	Journal of Polymer Research	2024	31, no. 12 1-19.	https://doi.org/10.1007/s10965-024-04210-1	Scopus	Q2

78.	Study on Structural, Morphological, Elastic and Electrical Properties of ZnO nanoparticles for Electronic Device Applications	Vinayakprasanna N Hegde, V V Manju, T M Pradeep and B C Hemaraju	Physics	Journal of Science: Advanced Materials and Devices	2024	9(3), 100733	https://doi.org/10.1016/j.jsamd.2024.100733	Scopus	Q1
79.	Synthesis and characterization of Ga2O3 nanoparticles for electronic device applications	Manju, V. V., Vinayakprasanna N. Hegde, T. M. Pradeep, B. C. Hemaraju, and R. Somashekar	Physics	Inorganic Chemistry Communications	2024	165, 112562	https://doi.org/10.1016/j.inoche.2024.112562	Scopus	Q1
80.	Crystal Growth and Characterization of Glycine Chlorzoxazone Nonlinear Optical Crystal for Energy Storage Capacitor Applications	Shankara S R, K M Eshwarappa, Vinayakprasanna N Hegde, Manju V V, Deeksha K B and B C Hemaraju	Physics	Chemical Physics Impact	2024	8, 100556	https://doi.org/10.1016/j.chphi.2024.100556	Scopus	Q2
81.	Frequency and temperature dependent dielectric properties of CuO nanoparticles	Vinayakprasanna N Hegde, V V Manju, B C Hemaraju	Physics	Chemical Physics Impact	2024	8, 100474	https://doi.org/10.1016/j.chphi.2024.100474	Scopus	Q2
82.	Synergistic effects of sisal/glass fiber hybridization and eggshell powder filler on the performance of eco-friendly polymer composites	Priya Hadlahalli chandrashekar, Upendra Nagarajachari, Yashas Gowda Thyavihalli Girijappa, Hemaraju Byrapura Chandregowda, Prashantha Kalappa	Physics	Polymer Composites	2024	1327-1341	https://doi.org/10.1016/B978-0-323-95189-0.00007-X	SCI	Q1
83.	Design and Analysis of Photonic Crystal Hexagonal Ring Resonator based 5-Channel DWDM Demux in C Band	Lenin Babu, Shaik Imamvali, K. B. Santhosh Kumar, Venkateswara Rao Kolli, Srinivas Talabattula, Sreenivasulu Tupakula	ECE	Journal of Optics	2024		https://doi.org/10.1007/s12596-024-01932-9. Q3	SCI	Q2
84.	Multiple-Input Multiple Output-Orthogonal Frequency Division Multiplexing System using Improved Wild Horse Optimization for Channel Estimation.	Santhosh Kumar K B, Murthi Mahadeva Naik, Sushma Nagesh,, Triveni Chitralingappa, Sreenivasulu Tupalula, Venkateswara Rao Kolli, Indira Bahaddur	ECE	International Journal of Intelligent Engineering and Systems	2024		10.22266/ijies2024.1031.60	Scopus	Q2

2025

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1.	Synthesis, cytotoxicity, molecular docking, DFT analysis and ADMET studies of imidazo [1, 2-b][1, 2, 4] triazine based pyrimidine derivatives as PI3Kα selective inhibitors	Abdulrahman G Alhamzani, Mortaga M Abou-Krisha, Ehab A Abdelrahman, Saad A Aljlil, K Yogesh Kumar, CB Pradeep Kumar, MS Raghu, MK Prashanth	Chemistry	Journal of Molecular Structure	2025	143571	https://doi.org/10.1016/j.molstruc.2025.143571	SCIE	Q2
2.	Facile synthesis of novel stannous niobate pyrochlore: Morphological, structural, cytotoxicity, DNA binding and molecular docking studies	Abdulrahman G Alhamzani, Mortaga M Abou-Krisha, Ehab A Abdelrahman, Saad A Aljlil, K Yogesh Kumar, CB Pradeep Kumar, MS Raghu, MK Prashanth	Chemistry	Materials Today Communications	2025	48:113488	https://doi.org/10.1016/j.mtcomm.2025.113488	SCIE	Q1
3.	Insights into the structural and interactional aspects of 1-phenyl-5-(thiophen-2-yl)-1H-tetrazole: crystallographic, Hirshfeld surface, computational, and docking analyses	P Akhileshwari, R Preetham, MA Sridhar, MP Sadashiva	Chemistry	Structural Chemistry	2025	36(3):901-912	https://doi.org/10.1007/s11224-024-02418-x	SCIE	Q3
4.	Corrosion in Steel Structures: A Review	Dr. Manu K C, C. Madhushree, M. S. Chandini, Nudi Shree, Siri Hemanth	Civil	Journal of Mines, Metals & Fuels	2025	Volume 73, Issue 1 & Page 189-198	DOI: 10.18311/jmmf/2025/46985	Scopus	Q4
5.	Geotechnical Enhancement and Carbon Sequestration in Expansive Soils using Ground Granulated Blast Slag	Arunkumar Yadav H. N. Raghavendra, H. Likhitha, N. Muralidhar, T. P. Sanjeev	Civil	Journal of Mines, Metals & Fuels	2025	73(10):3201–3214	10.18311/jmmf/2025/49905	Scopus	Q4

6.	Mine Tailing as a Resource for Expansive Soil Stabilization: A Sustainable Perspective in Mining and Mineral Engineering	MJ Supriya, AJ Krishnaiah	Civil	Journal of Mines, Metals & Fuels	2025	73(2)	10.18311/jmmf/2025/47632	Scopus	Q4
7.	Stabilisation of Black Cotton Soil Using Red Mud: An Alumina Extraction Byproduct	MJ Supriya, AJ Krishnaiah	Civil	Journal of Mines, Metals & Fuels	2025	73(4)	10.18311/jmmf/2025/48071	Scopus	Q4
8.	Synergistic Stabilization of Expansive Soil Using Bagasse Ash, Lime, and Coir Fiber: A Microstructural and Mineralogical Perspective	DR Goutham, AJ Krishnaiah	Civil	Progress in Engineering Science	2025	100163	https://doi.org/10.1016/j.pes.2025.100163	Scopus	-
9.	Testing the Appropriateness of Lumped Hydrological Model in Groundwater Recharge Estimation for a Small Catchment in Karnataka, India	C Madhushree, CG Akhila, HD Lavanya, BS Shamana, HV Tapaswi, MS Chandini	Civil	International Journal of Environmental Sciences	2025	11(3):916-929	https://doi.org/10.64252/vn6wx161	Scopus	Q4
10.	Eco-Friendly Pavement Solutions: Performance and Thermal Study of Steel Slag waste Modified Asphalt Mixes	HU Srivathsa, MS Chandini, C Madhushree, KC Manu, S Kishor Kumar, HV Tapaswi	Civil	Metallurgical and Materials Engineering	2025	31(4):380-385	https://doi.org/10.63278/1447	WOS	Q4
11.	Energy-Efficient IoT Network Routing Model Based on Multi-Layer Clustering and Deep Learning.	Kruthi Jayaram, Hemanth Thulasi Satyanarayana	CSBS	Journal Européen des Systèmes Automatisés	2025	58(5)	https://research.ebsco.com/c/xsm7ha/viewer/pdf/rwc4mjdp7f	Scopus	Q3
12.	A Framework for Deepfake Detection using Convolutional Neural Network and Deep Features	BC Soundarya, HL Gururaj, CM Naveen Kumar	CSBS	Procedia Computer Science	2025	258:3640-3648	https://doi.org/10.1016/j.procs.2025.04.619	Scopus	-
13.	Spearman and Jaccard-Based Convolutional Deep Neural Learning for Early Parkinson's Diagnosis	Vinoth Murali, Rajesh Natarajan, Francesco Flammini, Badria Sulaiman Alfurhood, CM Naveen Kumar, Sowmya VL	CSBS	International Journal of Intelligent Systems	2025	2025(1):6662826	https://doi.org/10.1155/int/6662826	SCIE	Q1
14.	A novel hybrid dynamic harris hawks optimized gated recurrent unit approach for breast cancer prediction	Rajesh Natarajan, Sujatha Krishna, HL Gururaj, Francesco Flammini, Badria Sulaiman Alfurhood, CM Naveen Kumar	CSBS	International Journal of Computational Intelligence Systems	2025	18(1):7	https://doi.org/10.1007/s44196-024-00712-4	SCIE	Q2
15.	A Novel Hybrid Dynamic Harris Hawks Optimized Gated Recurrent Unit Approach for Breast Cancer Prediction	C M Naveen Kumar	CSBS	International Journal of Computational Intelligence Systems	2025	18, no. 1 : 1-16.	https://doi.org/10.1007/s44196-024-00712-4	SCI	Q2
16.	A Novel Hybrid Dynamic Harris Hawks Optimized Gated Recurrent Unit Approach for Breast Cancer Prediction	C M Naveen Kumar	CSBS	International Journal of Computational Intelligence Systems	2025	18, no. 1 : 1-16.	https://doi.org/10.1007/s44196-024-00712-4	SCI	Q2
17.	Optimizing Group Activity Recognition With Actor Relation Graphs and GCN-LSTM Architectures	MR Tejonidhi, CV Aravinda, SV Aruna Kumar, CK Madhu, AM Vinod	CSE	IEEE Access	2025	-	10.1109/ACCESS.2025.3552668	Scopus	Q1
18.	A Project Based Approach to Teach Object Oriented Modeling and Design Patterns	RE Margaret, AM Vinod, MR Tejonidhi	CSE	Journal of Engineering Education	2025	-	https://doi.org/10.16920/jeet/2017/v0i0/111819	Scopus	Q2

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19.	Robust OCTA Vessel Segmentation for Early Detection of Neurodegenerative Disorders Using Multi-Scale CNN and Transformer Networks	CK Madhu, KR Raghunadhan, B Uma, MR Tejonidhi, AM Vinod	CSE	Journal of Soft Computing and Data Mining	2025	6(3):387-402	https://doi.org/10.30880/jscdm.2025.06.03.024	Scopus	Q2
20.	A robust framework for Alzheimer's disease detection and staging: incorporating multi-feature integration, MRMR feature selection, and Random Forest classification	Ravikiran HK, Deepak R, Deepak HA, Prapulla Kumar MS, Sharath S, Yogeesh GH	CSE	Multimedia Tools and Applications	2025	84(22):24903-24931	https://doi.org/10.1007/s11042-024-19875-5	Scopus	Q1
21.	An Advanced AI Framework for Mental Health Diagnostics Using Bidirectional Encoder Representations from Transformers with Gated Recurrent Units and Convolutional Neural Networks	Abhilasha P. Kuma G.Pushpa, M. Chaitra, Lakshmi P. Kolur, Shashank Dhananjaya, Kavyasri M. N., R. Sunitha	CSE	Ingénierie des Systèmes d'Information	2025	30:213-220	Ingénierie des Systèmes d'Information	Scopus	Q3
22.	Explainable AI hybrid CNN-transformer models for enhanced COVID-19 detection in chest X-rays	CV Aravinda, BC Arjun, Mohamed Samiulla Khan, Santhosh John, Shaik Asif Hussain	CSE (AI & ML)	Network Modeling Analysis in Health Informatics and Bioinformatics	2025	14(1):100	https://doi.org/10.1007/s13721-025-00596-0	Scopus	Q3
23.	Dual Strategy Based Improved Swarm Intelligence and Stacked LSTM With Residual Connection for Land Use Land Cover Classification	R. M. Lingaraju and B. P. B. Veeranna V. V. Nagaraju, A. B. Jayachandra, A. Stateczny, Swathi. H. Y	CSE(AI&ML)	IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing	2025	18 and pp. 4188-4198	10.1109/JSTARS.2024.3522197	Scopus /SCI	Q1
24.	A Holistic Strategy of Modified Superpixel Segmentation and Randomized Adam Hyperparameter Tuning with Deep Learning Approaches for the Classification of Breast Cancer from BreakHis Images: In the Quest for Precision	Gowri Shankar Manivannan, Karthikeyan Shanmugam, Harikumar Rajaguru, Satish V Talawar, Rajanna Siddaiah	EEE	International Journal of Computational Intelligence Systems	2025	18(1):133	https://doi.org/10.1007/s44196-025-00877-6	SCIE	Q2
25.	Single-port and multi-port self-reconfigurable battery topologies for dynamic cell balancing	YK Bharath, VP Anandu, U Vinatha, GK Purushothama	EEE	Journal of Energy Storage	2025	119:116402	https://doi.org/10.1016/j.est.2025.116402	SCIE	Q1
26.	A novel transformer-less eleven-level inverter with optimized Buck–Boostcontroller and minimal switch design for grid-connected PV systems	G. K. Savyasachi and Mahipal Bukya N. Gowtham, J. Mohana Lakshmi	EEE	Journal for Control, Measurement, Electronics, Computing and Communications	2025	66(4):950-971	https://doi.org/10.1080/00051144.2025.2577008	SCIE	Q2
27.	Demand Side Management based techno-economic performance analysis for a stand-alone hybrid renewable energy system of India	Mala Ramesh, Rajeshwer Prasad Saini	EEE	Energy Sources, Part A: Recovery,	2025	47(1):3359-3387	https://doi.org/10.1080/15567036.2020.1851820	SCI	Q2

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28.	Early Detection of Cancerous Cells using One-Dimensional Superconductor Photonic Crystal Biosensor	CN Gireesh Babu, KT Chandrashekhara, Regina Mathias, HL Prakruthi, KS Adarsha, Ranjith B Gowda	ECE	NANO	2025		https://doi.org/10.1142/S1793292025500626	SCI	Q3
29.	Enhanced Sensitivity Based Surface Plasmon Resonance Biosensor For Clinical Applications	Gautam Narayan Nirala, Simarpreet Kaur, Yashaswini P R, Bhukya Arun Kumar, Ibrar Jahan M A	ECE	Journal of Optics	2025	-	https://doi.org/10.1007/s12596-025-02650-6	Scopus	Q4
30.	Secure authentication and key management based on hierarchical enhanced identity based digital signature in heterogeneous wireless sensor network	Siddiq Iqbal, BR Sujatha	ECE	Wireless Networks	2025	31(1):127-147	https://doi.org/10.1007/s11276-024-03745-x	SCIE	Q2
31.	High Q-factor and single mode integrated optic racetrack ring resonator for the sensing applications	Venkateswara Rao Kolli, Indira Bahaddur, Srinivas Talabattula	ECE	Optical and Quantum Electronics	2025	57(4):257	https://doi.org/10.1007/s11082-025-08146-8	SCIE	Q2
32.	High Q-factor MOEMS-2D photonic crystal dumbbell resonator for sensing force	Basavaprasad, Venkateswara Rao Kolli, Srinivas Talabattula	ECE	Optical and Quantum Electronics	2025	57(5):312	https://doi.org/10.1007/s11082-025-08217-w	SCIE	Q2
33.	Microfluidic-integrated SSPP sensor for rapid and sensitive label-free honey adulteration	Shaik Imamvali, Rishitej Chaparala, Yuvaraju Chinnam, Venkateswara Rao Kolli, Sreenivasulu Tupakula, Krishna Prakash, Shonak Bansal, Mohammad Rashed Iqbal Faruque, KS Al-mugren	ECE	Journal of Magnetism and Magnetic Materials	2025	173255	https://doi.org/10.1016/j.jmmm.2025.173255	SCIE	Q2
34.	Design and analysis of photonic crystal hexagonal ring resonator based 5-channel DWDM demux in C band	Lenin Babu, Shaik Imamvali, KB Santhosh Kumar, Venkateswara Rao Kolli, Srinivas Talabattula, Sreenivasulu Tupakula	ECE	Journal of Optics	2025	54(4):2268-2274	https://doi.org/10.1007/s12596-024-01932-9	Scopus	Q2
35.	A novel approach to solve RSA problem in the spectrum sliced elastic optical networks	CL Triveni, MR Tejaswini, Indira Bahaddur, Venkateswara Rao Kolli, Sreenivasulu Tupakula	ECE	Journal of Optics	2025	54(5):3037-3045	https://doi.org/10.1007/s12596-024-01950-7	Scopus	Q2
36.	Multilayer coating-assisted gold-encapsulated tilted fiber Bragg grating biosensor design	PB Prathap, K Saara	ECE	Journal of Optics	2025	54(3):816-825	https://doi.org/10.1007/s12596-024-01711-6	Scopus	Q2
37.	Fiber Bragg grating as a temperature sensor for human body temperature monitoring	PB Prathap, K Saara	ECE	Journal of Optics	2025	54(4):2088-2095	https://doi.org/10.1007/s12596-024-01894-y	Scopus	Q2
38.	Efficient Deep Learning: Hyperparameter Tuning Of Densenet-Cnn Using Cuckoo Search For Enhanced Arecanut Disease Image Classification	Dinesh S, P. Sridhara Acharya , Ravikiran H K	ECE	International Journal of Applied Mathematics	2025	38(3s):1158-1184	https://doi.org/10.12732/ijam.v38i3s.210	Scopus	Q3
39.	Photonic crystal based finer surface plasmonic sensor for detecting cancer	Gautam Narayan Nirala, Simarpreet Kaur, PR YASHASWINI, MA IBRAR JAHAN	ECE	Optoelectronics and Advanced Materials-Rapid Communications	2025	19:251-262	https://oam-rc.inoe.ro/articles/photonic-crystal-based-finer-surface-plasmonic-sensor-for-detecting-cancer/fulltext	SCIE	Q4
40.	Deep learning-aided polar-low density parity check decoding for enhanced telemedicine ECG transmission reliability	Venkateswara Rao Kolli Sushma Nagesh, Santhosh Kumar Kenkere Basavaraju, Dakshayani Mandikeri Ramaiah, Triveni Chitralingappa Lingappa, Indira Bahaddur	ECE	IAES International Journal of Artificial Intelligence (IJ-AI)	2025	14(6):5058~5068	http://doi.org/10.11591/ijai.v14.i6.pp5058-5068	Scopus	Q2

41.	Federated learning and Neuro-Symbolic AI for botnet classification in IoT-Enabled consumer devices	HV Balachandra Achar, PS Prasad, D Rajeshwari, N Raghu, BM Hemanth Kumar, TR Mahesh	ECE	International Journal of Information Technology	2025	1-8	https://doi.org/10.1007/s41870-025-02993-0	Scopus	Q2
42.	Design and analysis of 2D photonic crystal based DEMUX using Y-shaped junction	DT Hemanth Kumar, CL Triveni, BS Rohini, MR Dakshayini	ECE	Journal of Optical Communications	2025	0	https://www.degruyterbrill.com/document/doi/10.1515/joc-2025-0289/html	Scopus	Q3
43.	Joint Optimization of User Association and Power Allocation in Wireless Networks Using a Large Spatio-Temporal Graph Transformer Model	DS Keerthi, P Vishwanath, Kothuri Parashu Ramulu, Gopinath Anjinappa, Hirald Dwaraka Praveena	ECE	Internet Technology Letters	2025	8(6):e70131	https://doi.org/10.1002/itl2.70131Digital Object Identifier (DOI)	Scopus	Q3
44.	Quantum Key Generation Integration with AES Encryption for Quantum Attack Resilience	Spoorthi B S Pushpa Mala S	ECE	Journal of Information Systems Engineering and Management	2025	10(31)	https://doi.org/10.52783/jisem.v10i31s.5208	Scopus	Q3
45.	Integrating Q-bit Generation via Quantum Computing for Enhanced AES Encryption and LSB Technique for Secure Image Steganography	Spoorthi B S Pushpa Mala S	ECE	Journal of Information Systems Engineering and Management	2025	10(33)	https://doi.org/10.52783/jisem.v10i33s.5615	Scopus	Q3
46.	Long Short-Term Memory with Temporal Pyramid Pooling Layer for Land Use Land Cover Classification.	Vinaykumar Vajjanakurike Nagaraju, Ananda Babu Jayachandra	ISE	International Journal of Intelligent Engineering & Systems	2025	18(1)	10.22266/ijies2025.0229.90	Scopus	Q3
47.	DRN-MCOA: image deblurring using deep residual network with modified coot optimisation algorithm	Godekere Shivashankar Yogananda, Ananda Babu Jayachandra, Ahmad Alkhayyat, Dayananda Pruthviraja	ISE	International Journal of Computer Applications in Technology	2025	76(3-4):194-206	https://doi.org/10.1504/IJCAT.2025.149362	Scopus	Q3
48.	Enhanced diabetes prediction using skip-gated recurrent unit with gradient clipping approach	Suhas Kamshetty Chinnababu, Ananda Babu Jayachandra, Swathi Holalu Yogesh, Mohamed Abouhawwash, Doaa Sami Khafaga, Eman Abdullah Aldakheel, Vinaykumar Vajjanakurike Nagaraju	ISE	Frontiers in Endocrinology	2025	16:1601883	https://doi.org/10.3389/fendo.2025.1601883	SCIE	Q1
49.	Block chain enabled hybrid cryptographic algorithm for security and privacy preservation of electronic health records	J Ananda Babu, Sujata Patil, BD Parameshachari, Stefano Rinaldi, Kavitha Rani Balmuri, KL Hemalatha	ISE	ICT Express	2025	11(5):945-950	https://doi.org/10.1016/j.icte.2025.08.006	SCIE	Q1
50.	Energy Efficient Mobile Edge Computing Framework based on Secure Host Level Management for Resource Allocation	Ananda Babu Jayachandra, SK Suhas, Ahmed Alkhayyat, Abdul Lateef Haroon Phulara Shaik, SP Paramesh	ISE	International Journal of Cognitive Computing in Engineering	2025	-	https://doi.org/10.1016/j.ijcce.2025.11.004	Scopus	Q1
51.	Coconut Tree Disease Detection Using the Piecewise Linear Chaotic Map-Based Cuckoo Search Optimization with Convolutional Neural Networks	Kavitha Magadi Gopalakrishna, Raviprakash Madenur Lingaraju, Ananda Babu Jayachandra	ISE	Engineering, Technology & Applied Science Research	2025	15(6):29440-29447	https://doi.org/10.48084/etasr.12960	Scopus	Q2

52.	A study of Impact toughness behaviour and High Cycle Fatigue properties of Al-Li 8090 alloy processed by Cryorolling and post-deformation annealing	Subham Thapliyal , Amit Joshi, Saurabh Gairola, Kalavathi G K, Vasundhara M G, Muralidhara B, Yogesha K K	Mathematics	Metallography, Microstructure, and Analysis	2025		1. 10.1007/s13632-025-01184-4	Scopus /SCI/ WOS	Q2
53.	Thermal Analysis of MHD Tangent Hyperbolic Fluid Flow Through Microchannel	Surender Ontela, NS Shashikumar, Macha Madhu	Mathematics	International Journal of Applied and Computational Mathematics	2025	11(2) and 30	https://doi.org/10.1007/s40819-025-01847-4	Scopus	Q2
54.	A Wavelet-Based Stochastic Interpretable Physics-Guided Neural Network to Study the Periodic Heat Transport in a Radiative Convex Fin	CM Chaithra, GK Kalavathi, MG Vasundhara, Gurpartap Singh, Ankur Kulshreshta, M Sunitha	Mathematics	Heat Transfer	2025	-	https://doi.org/10.1002/htj.70003Digital Object Identifier (DOI)	Scopus	Q2
55.	A Study on High Cycle Fatigue and Impact Toughness Behavior of Bulk UFG Al–Cu–Li 2099 Alloy Processed By Hybrid SPD Process	Atul Bhatt, Amit Joshi, Shiv Dayal Pandey, Ruby Pant, Saurabh Gairola, GK Kalavathi, Manoj Kumar Pathak	Mathematics	Metallography, Microstructure, and Analysis	2025	1-11	https://doi.org/10.1007/s13632-025-01224-z	Scopus	Q2
56.	Thermal analysis of a wetted fin of wavy pattern under convective-radiative heat transfer using artificial neural network	CM Chaithra, GK Kalavathi, MG Vasundhara, Gurpartap Singh, Fehmi Gamaoun, K Chandan	Mathematics	Ain Shams Engineering Journal	2025	16(10):103621	https://doi.org/10.1016/j.asej.2025.103621	SCIE	Q1
57.	Numerical computation of viscous shear on a finite journal bearing with heterogeneous surfaces using roughness phenomenon	M Somashekhar, GK Kalavathi, MG Vasundhara, PA Dinesh, N Manjunatha	Mathematics	Multiscale and Multidisciplinary Modeling, Experiments and Design	2025	8(10):421	https://doi.org/10.1007/s41939-025-01011-x	Scopus	Q2
58.	First Neighborhood Stress Index For Graphs	GN Adithya, D Soner Nandappa, MA Sriraj, M Kirankumar, M Pavithra	Mathematics	Global & Stochastic Analysis	2025	12(2)	https://research.ebsco.com/c/xsm7ha/viewer/pdf/uq3txsc24f	Scopus	Q4
59.	Second Neighborhood Stress Index For Graphs	M Kirankumar, GN Adithya, D Soner Nandappa, MA Sriraj, M Pavithra, P Reddy	Mathematics	Global & Stochastic Analysis	2025	12(4)	https://research.ebsco.com/c/xsm7ha/viewer/pdf/kwcfsivst5	Scopus	Q4
60.	Enhancing Mechanical and Tribological Properties of Hybrid Kenaf, Carbon Fiber Vinyl Ester Composites for Advanced Applications	V Mahesh Kumar, Puttegowda Madhu, Ballupete Nagaraju Sharath, Rudianto Raharjo, Femiana Gapsari	Mechanical	Journal of Materials Engineering and Performance	2025	----	https://doi.org/10.1007/s11665-025-10964-6	SCIE	Q2
61.	Artificial intelligence and machine learning in mechanical engineering: Current trends and future prospects	Madhu Puttegowda, Sharath Ballupete Nagaraju	Mechanical	Engineering Applications of Artificial Intelligence	2025	142:109910	https://doi.org/10.1016/j.engappai.2024.109910	SCIE	Q1
62.	Enhancing Mechanical and Tribological Properties of Hybrid Kenaf-Carbon Fiber Vinyl Ester Composites for Advanced Applications	V Mahesh Kumar, Puttegowda Madhu, Ballupete Nagaraju Sharath, Rudianto Raharjo, and Femiana Gapsari	Mechanical	Journal of Materials Engineering and Performance	2025	13:1-14	https://doi.org/10.1007/s11665-025-10964-6	SCI	Q2
63.	Investigation on Delamination of Carbon Fibre Reinforced Composite due to the Impact of Foreign Object	Vinod B, Arunkumar K N, Ganesha B B, Thammegowda C S, Jeevan T P	Mechanical	Journal of Aeronautics, Astronautics and Aviation	2025	57(2)	https://doi.org/10.6125/JoAAA.202503_57(2).03	Scopus	Q3
64.	Multi-Objective Optimization of Dry Turning of Inconel 718 Utilizing Grey Relational Analysis	Kishor K P, Anupama N K, Manjunath G A, Jeevan T P, Nikhil Rangaswamy	Mechanical	Journal of Aeronautics,	2025	57(2)	https://doi.org/10.6125/JoAAA.202503_57(2).02	Scopus	Q3

				Astronautics and Aviation					
65.	Synergistic Effects of Wood Filler, Glass/Carbon Fibers on the Tribological Behavior of Polypropylene Hybrid Composites	HV Divya, TP Jeevan, TG Yashas Gowda, A Anand	Mechanical	Journal of Bio-and Tribo-Corrosion	2025	11(2)	https://doi.org/10.1007/s40735-025-00969-y	Scopus	Q2
66.	Eco Friendly Reinforcement: Enhancing Wear and Corrosion Resistance of Al7079 with Boron Nitride and Aloe Vera Powder	B. N. Sharath V. Mahesh Kumar, K. S. Madhu, Vinyas Mahesh	Mechanical	Journal of Bio- and Tribo-Corrosion	2025	11(2):32	https://doi.org/10.1007/s40735-025-00951-8	Scopus	Q2
67.	Development and Characterization of Al-SiC Metal Matrix Composites Through Microwave Processing and Extrusion	Honnaiah Chikkaputtaiah, Srinath Mandya Sridharmurthy, Ajit Manohar Hebbale, Shashank Lingappa Marahadige, Madhu Puttegowda	Mechanical	Applied Science and Engineering Progress	2025	18(3):1-12	10.14416/j.asep.2024.11.010	Scopus	Q2
68.	Fabrication of raw and chemically treated biodegradable Luffa aegyptica fruit fibre-based hybrid epoxy composite: a mechanical and morphological investigation	BN Sharath, TG Yashas Gowda, P Madhu, CB Pradeep Kumar, Naman Jain, Akarsh Verma, MR Sanjay, Suchart Siengchin	Mechanical	Biomass Conversion and Biorefinery	2025	15(6):8473-8486	https://doi.org/10.1007/s13399-024-05570-w	SCIE	Q2
69.	Eco-friendly composites: exploring the potential of natural fiber reinforcement	Madhu Puttegowda	Mechanical	Discover Applied Sciences	2025	7(5):1-24	https://doi.org/10.1007/s42452-025-06981-8	Scopus	Q2
70.	Carbon nanotube-infused metal matrix composites: a review of recent advances and future prospects for engineering use	BN Sharath, DG Pradeep, P Madhu, M Vinyas	Mechanical	Sādhanā	2025	50(2):97	https://doi.org/10.1007/s12046-025-02755-5	SCIE	Q2
71.	Conjectured hybrid power with artificial intelligence and single-axis solar tracking wind turbine	BN Sharath, KS Madhu, DG Pradeep, P Madhu, BG Premkumar, S Karthik	Mechanical	International Journal of Energy and Water Resources	2025	9(2):359-365	https://doi.org/10.1007/s42108-023-00234-3	Scopus	Q3
72.	Development of eco-friendly basalt filler reinforced poly (lactic acid) composites using an additive manufacturing: An experimental insights	Praveenkumara Jagadeesh, MR Sanjay, G Rajeshkumar, Jayakrishna Kandasamy, Isiaka Oluwole Oladele, P Madhu, Suchart Siengchin	Mechanical	International Journal of Biological Macromolecules	2025	311:143698	https://doi.org/10.1016/j.ijbiomac.2025.143698	SCIE	Q1
73.	Mechanical and structural optimization of flax fiber reinforced composites through controlled gamma irradiation	P Madhu, BN Sharath, MS Srinath, S Pradeep, MR Sanjay	Mechanical	iScience	2025	28(7)	10.1016/j.isci.2025.112531	SCIE	Q1
74.	Performance Evaluation of Blended Neem and Mahua Oil-Based Cutting Fluids in Machining of SS316 Stainless Steel	TP Jeevan, HV Divya, P Madhu, BN Sharath, S Pradeep	Mechanical	Journal of Bio-and Tribo-Corrosion	2025	11(3):87	https://doi.org/10.1007/s40735-025-01009-5	Scopus	Q2
75.	Mechanical enhancement of sustainable natural fiber composites through filler additives: a comprehensive review	Amreen Taj, KN Bharath, Anupama Hiremath, P Madhu, MR Sanjay, Suchart Siengchin	Mechanical	Journal of Umm Al-Qura University for Engineering and Architecture	2025	1-19	https://doi.org/10.1007/s43995-025-00240-y	Scopus	Q1
76.	Enhanced Mechanical and Moisture Resistance in Aramid/Epoxy Composites with Aluminum and Graphite Fillers for Precision Engineering Applications	Madhu Puttegowda, BN Sharath, Pradeep Shivanna, Sanjay Mavinkere Rangappa, Suchart Siengchin	Mechanical	International Journal of Precision Engineering and	2025	1-17	https://doi.org/10.1007/s12541-025-01395-3	SCIE	Q2

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77.	Mechanical and moisture performance of pineapple leaf fiber/carbon fiber-eggshell reinforced epoxy composites for eco-friendly applications	Sharath Ballupete Nagaraju, Madhu Puttegowda, Rudianto Raharjo, Femiana Gapsari, Sanjay Mavinkere Rangappa, Suchart Siengchin	Mechanical	Journal of the Indian Academy of Wood Science	2025	22(2):366-379	https://doi.org/10.1007/s13196-025-00388-z	Scopus	Q3
78.	Fabrication, Microstructure Study and Wear Characteristics of Coconut Shell Powder Filled Natural Sisal and Jute Fiber Reinforced Epoxy Composites	M Hareesha, D Saravanabavan, B Yogesha, L Girisha, T Hemanth Raju	Mechanical	Journal of The Institution of Engineers (India): Series D	2025	1-14	https://doi.org/10.1007/s40033-025-00864-3	Scopus	Q2
79.	Effect of Graphene Nano Material Added Pongamia pinnata Biodiesel Combustion on Durability of CI Engine Components and Lubricating Oil Performance	KS Sudeep Kumar, CR Rajashekhar, HV Ramyarani, TG Yashas Gowda	Mechanical	Journal of Mines, Metals and Fuels	2025	73(10):3279-3288	10.18311/jmmf/2025/49558	Scopus	Q4
80.	Synergistic Effects of Wood Filler–Glass/Carbon Fibers on the Tribological Behavior of Polypropylene Hybrid Composites	HV Divya, TP Jeevan, TG Yashas Gowda, A Anand	Mechanical	Journal of Bio-and Tribo-Corrosion	2025	11(2):51	https://doi.org/10.1007/s40735-025-00969-y	Scopus	Q2
81.	A comprehensive review on hydrophobicity in cellulosic natural fibers: Trends, techniques, and future directions	K Arunprasath, P Senthamaraikannan, Indran Suyambulingam, TG Yahas Gowda, Siva Avudaiappan, Ruby Celsia Arul Selvaraj	Mechanical	International Journal of Biological Macromolecules	2025	149642	https://doi.org/10.1016/j.ijbiomac.2025.149642	SCIE	Q1
82.	Valorization of Poultry Waste and Agro-Residues: Impact of Chicken Feather and Coconut Coir on Basalt Fiber Reinforced Epoxy Composites	Yashas Gowda TG, Raghavendra Rao R, Jeevan TP, P Senthamaraikannan, Indran Suyambulingam, R Kumar	Mechanical	Journal of Natural Fibers	2025	22(1):2527283	https://doi.org/10.1080/15440478.2025.2527283	SCIE	Q2
83.	Critical review on additive manufacturing based biomedical and biosensors application	R Raghavendra Rao, BN Sharath, S Pradeep, M Hareesha, DJ Navaneet	Mechanical	Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine	2025	239(8):721-735	https://doi.org/10.1177/09544119251355052	SCI	Q2
84.	Tribological performance and 3-D surface characterisation of age-hardened Al2090-based ceramic composites	BN Sharath, Vinyas Mahesh, Vishwas Mahesh, Subhaschandra Kattimani, Dineshkumar Harursampath	Mechanical	Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications	2025	14644207251315872	https://doi.org/10.1177/14644207251315872	SCIE	Q2
85.	Effect of microwave hybrid heating on high temperature dry sliding wear behavior of Al2O3 reinforced WC-Co HVOF coating	DG Pradeep, HS Nithin, BN Sharath, KS Madhu	Mechanical	WELDING IN THE WORLD	2025	69(4):915-927	https://doi.org/10.1007/s40194-024-01852-z	SCIE	Q1
86.	The Effect of Tertiary Ceramic Particle Reinforcement on the Mechanical Characteristics of Hybrid Composites Based on Al7029	BN Sharath	Mechanical	Journal of Materials Engineering	2025	34(10):8504-8513	https://doi.org/10.1007/s11665-024-10220-3	SCIE	Q2

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87.	Investigation on swelling behavior of gamma irradiated and cryogenically treated PALF-reinforced polymer composite	B Vinod, TP Jeevan, LJ Sudev, BN Sharath, KN Arunkumar, BB Ganesha	Mechanical	Polymer Bulletin	2025	82(11):6139-6152	https://doi.org/10.1007/s00289-025-05786-4	SCIE	Q2
88.	Infrared-assisted precipitation hardening of stir-cast Al2219 alloy: Enhanced mechanical and tribological properties achieved via microstructural refinement	BN Sharath, Vinyas Mahesh, Prashanthkumar Hadi, Vishwas Mahesh, Dineshkumar Harursampath	Mechanical	Infrared Physics & Technology	2025	106189	https://doi.org/10.1016/j.infrared.2025.106189	SCIE	Q2
89.	Multi-objective optimization of surface roughness and MRR in AISI 316L stainless steel processed by MQL end milling using taguchi, RSM, ANN, and RFR methods	CP Natesh, NG Siddeshkumar, G Srinivasa, A Shivaramakrishna, HM Pruthvi, C Durga Prasad, YM Shashidhara, HJ Amarendra, Amit Tiwari, Adem Abdirkadir Aden	Mechanical	Scientific Reports	2025	15(1):36583	https://doi.org/10.1038/s41598-025-20454-3	SCIE	Q1
90.	Bio-Based Copper Oxide Nanocatalyst for Sustainable High-Quality Biofuel Production: RSM-Facilitated Optimization and Kinetics Study	KV Pradeep, KP Ravikumar, K Santhosh, CS Kavitha, TP Jeevan, KV Yatish	Mechanical	Chemistry & Biodiversity	2025	e00621	https://doi.org/10.1002/cbdv.202500621Digital Object Identifier (DOI)	SCIE	Q3
91.	Tribological Advancements in Glass Fabric Epoxy: Effects of Halloysite Nanotubes Additives	R Shivashankar, Shivaraj R Dharennavar, Balachandra Paramashwaraiah, Geetanjali S Guggari, HS Kumar, TP Jeevan	Mechanical	Tribology in Industry	2025	47(2)	10.24874/ti.1820.12.24.03	Scopus	Q3
92.	Assessment of Dimensional Fidelity in 3D Printed PLA Casting Patterns via Laser Scanning	Naik Dhairyashil Ashok, Manjunath G Avalappa, Anand S Deshpande, Jeevan T Puttaswamy, Mukesh Kumar	Mechanical	Engineering Reports	2025	7(10):e70421	https://doi.org/10.1002/eng2.70421Digital Object Identifier (DOI)	Scopus	Q2
93.	Investigations on the high-temperature wear behaviour of LM25 aluminium alloy/silicon carbide foam interpenetrating phase composites synthesized using gas pressure infiltration	M Senthilkumar, VT Satish, Renjin J Bright, MG Vasundhara	Mechanical	Surface Topography: Metrology and Properties	2025	13(1):015005	10.1088/2051-672X/ada6e2	SCIE	Q2
94.	3D-printed graphene-reinforced composites: Opportunities and challenges	R Banupriya, TP Jeevan, HV Divya, TG Yashas Gowda, GA Manjunath	Mechanical	Polymer Composites	2025	46(2):1250-1266	ttps://doi.org/10.1002/pc.29068Digital Object Identifier (DOI)	SCIE	Q1
95.	A Machine Learning based Frame Work for Predicting Overall Equipment Effectiveness with Environmental Factors in Additive Manufacturing	Aruna Mokhamatam, KR Prakash, BS Sharmila, HV Divya	Mechanical	Journal of Mines, Metals & Fuels	2025	73(6)	10.18311/jmmf/2025/48823	Scopus	Q4
96.	Synthesis and Characterization of Magnetic Nano Particle Materials (Fe2O3 & Fe3O4) Synthesized by Arc Discharge Method	Md Abdul Raheem Junaidi, P Ranjitha, KV Pradeep Kumar, M Rajanish, Maramreddy Raghu Tilak Reddy, Hareesha Manjulaiah, M Thanuj Kumar, P Nagaraj, K Revanna, N Raghavendra, S Udayashankar	Mechanical	Journal of The Institution of Engineers (India): Series D	2025	1-12	https://doi.org/10.1007/s40033-025-00896-9	Scopus	Q2
97.	Characterization and property enhancement of chromic oxide reinforced to Al LM26 metal matrix composite	Shambulingamurthy Gowdagere Chikkalingaiah, Girish Kanuvanahalli Bettaiah, M Hareesha, Chandrakant R Kini	Mechanical	Cogent Engineering	2025	12(1):2536686	https://doi.org/10.1080/23311916.2025.2536686	Scopus	Q2
98.	Synthesis and Characterization of Bio-Degradable Plastic by Mucilage of Isabgol Seeds	N Raghu, HS Vasanth Kumar, SP Avadhani, BB Ganesha, B Vinod, TS Hemanth, KJ Dileep, DN Ravikiran	Mechanical	Journal of Mines, Metals & Fuels	2025	73(7)	10.18311/jmmf/2025/48146	Scopus	Q4
99.	Growth, and characterization of the nonlinear optical crystal 2', 3'-Di-O-acetyl-5'-deoxy-5-fluoro-N4-(pentyloxycarbonyl) cytidine: structural, optical, thermal, electrical, and molecular docking studies	HM Dhanushchandraguru, BC Hemaraju, Chandra, DC Vinay Kumar, Vinayakprasanna N Hegde, VV Manju, KB Deeksha, TG Yashas Gowda	Physics	Journal of Materials Science: Materials in Electronics	2025	36(22):1417	https://doi.org/10.1007/s10854-025-15455-x	SCIE	Q2

100	Influence of glutamic acid on the structural, optical, thermal, mechanical, dielectric, electrical, and NLO properties of potassium hydrogen phthalate crystals	BC Hemaraju, Vinayakprasanna N Hegde, VV Manju, Chandra, KB Deeksha, R Preetham, TG Yashas Gowda	Physics	Journal of Materials Science: Materials in Electronics	2025	36(31):1994	https://doi.org/10.1007/s10854-025-16065-3	SCIE	Q2
101	Time-Dependent Thermochromic And Electrical Signatures In Malachite Green–Pva Films For Sustainable Anti-Counterfeiting Applications	Poornima P., Raju S.P. Kaliprasad C S, Chaitra S.N., Dimpana T. Raj, Dhanush N, Prameela H C., Ismayil, Chandrashekara H.D.	Physics	International Journal of Applied Mathematics	2025	38(11s):192-217	https://doi.org/10.12732/ijam.v38i11s.1154	Scopus	Q3
102	Comprehensive structural, electronic, and in-silico characterization of 1-phenyl-5-(m-tolyl)-1H-tetrazole as a potential steroidogenic factor-1 (SF-1) inhibitor candidate	HM Dhanushchandraguru, BC Hemaraju, DC Vinay Kumar, BS Chethan, P Akhileshwari, R Preetham, MP Sadashiva	Physics	Journal of Molecular Structure	2025	143859	https://doi.org/10.1016/j.molstruc.2025.143859	SCIE	Q2
103	Green synthesised ZnO/CuO nanocomposites for energy storage, environmental remediation and optoelectronic applications	Sahana Nagarakere Chandranna, Vinayakprasanna N Hegde, NC Sandhya, BC Hemaraju, Pradeep TM	Physics	ChemPhysMater	2025	-	https://doi.org/10.1016/j.chphma.2025.10.002	Scopus	Q1
104	Structural, Morphological, Optical, and Electromechanical Analysis of Green-Synthesized Ti-Doped ZnO Nanoparticles for Optoelectronic Applications	VV Manju, R Sanjana, Vinayakprasanna N Hegde, S Divakara, BC Hemaraju, Janya Lumbini, N Raghu, R Somashekar	Physics	Micro and Nanostructures	2025	208537	https://doi.org/10.1016/j.micrna.2025.208537	SCIE	Q2
105	Synergistic effects of sisal/glass fiber hybridization and eggshell powder filler on the performance of eco-friendly polymer composites	Priya Hadlahalli chandrashekar, Upendra Nagarajachari, Yashas Gowda Thyavihalli Girijappa, Hemaraju Byrapura Chandregowda, Prashantha Kalappa	Physics	Polymer Composites	2025	46(2):1327-1341	https://doi.org/10.1002/pc.29041	SCIE	Q1

LIST OF BOOK PUBLISHED FROM 2020 to 2025

Sl. No.	Title of the book	Name of the authors	Department	Year of publication	Authored/ Edited	Edition, Volume and Page No.	Name of the publisher	ISBN/ISSN number
2021								
1.	Advances in Bio-Based Fiber: Moving Towards a Green Society	Rangappa SM, Madhu P, Parameswaranpillai J, Siengchin S, Gorbatyuk SM	Mechanical	2021	Edited	1st Edition, 1-809	Woodhead Publishing, Elsevier	9780128245446
2022								
1.	Nanoparticle-Based Polymer Composites	Sanjay MR, Jyotishkumar P, Yashas Gowda TG, Suchart Siengchin, M. Ozgur Seydibeyoglu	Mechanical	2022	Edited	1st Edition, 1-536	Woodhead Publishing, Elsevier	9780128242728
2.	VLSI Design	M Nagabushanam, Murthi Mahadeva Naik G	ECE	2022	Authored	1st Edition and 1-158	Sankalp Publication	9395016892
3.	Fundamentals of Semiconductors Devices	Gaurav Kumar Bharatiya, Nudrat Sufiyan, Yashaswini PR, Ibrar Jahan MA	ECE	2022	Authored	1	SIPH	-
4.	Cyber security fundamentals for Beginners	Vasantha Kumar M, Nayana R	CSE	2022	Authored	1	SIPH	9789356256446
2023								
1.	Research Methodology	CM Naveen Kumar	CSBS	2023	Authored	Pages: 204	Book Rivers	9789355158321
2024								
1.	Applications of Composite Materials in Engineering	Madhu P, Yashas Gowda TG, Binoj JS, Sanjay MR, Suchart S	Mechanical	2024	Edited	1st Edition, 1-487	Woodhead Publishing, Elsevier	9780443139895
2.	Mastering Data Visualization with GGPLOT2	Siva Raja M P, Brintha Kumari S, Radhika Ajit Patil, Kavyasri MN	CSE	2024	Authored	1	Clever Fox Publishing	9789367075050
3.	IoT Technologies	Rekha PM, Balaji Prabhu BV,	CSE	2024	Authored	1	Scientific	9789357579

	Application for Industry	Vinutha HP	(AI&ML)				International Publishing House	209
2025								
1.	Fiber-Reinforced Polymer Composites: Materials and Manufacturing	Madhu Puttegowda, Sanjay Mavinkere Rangappa, Suchart Siengchin	Mechanical	2025	Authored	1st Edition	Woodhead Publishing	9780443275463
2.	Fundamentals of Heat Transfer Conduction, Convection & Radiation	Hareesha M	Mechanical	2025	Edited	1st Edition	Vinsa Publishing	978-93-7415-664-3
3.	Cyber Security in Business Analytics	Gururaj H L, B Ramesh, Chandrika J	CSE	2025	Edited	1st Edition	Routledge, Taylor & Francis Group	9781032859415
4.	A Textbook of Practical Neural Networks	Arjun B C	CSE (AI & ML)	2025	Authored	1st Edition	Independently published	9798291386019
5.	Deep Learning with Python: Fundamentals, Principles, and Applications	Arjun B C	CSE (AI & ML)	2025	Authored	1st Edition	Independently published	9798246577592

LIST OF BOOK CHAPTERS PUBLISHED FROM 2020 to 2025

Sl. No.	Title of the book chapter	Name of the authors	Department	Year of publication	Title of the book with edition and volume	ISBN/ISSN number	Name of the publisher
2020							
1.	Spectrum Allocation Policies in Flexi-Grid Optical Networks.	Sumalatha M.B., Aishwarya L.M., Triveni C.L.	ECE	2020	Advances in Communication, Signal Processing, VLSI, and Embedded Systems.	978-981-15-0626-0	Electrical Engineering, vol 614. pp 181-193, Springer, Singapore
2.	Micro-mechanical deformation sensor based on ultra-sensitive photonic crystal membrane	Anup M Upadhyaya, Maneesh C Srivastava, Preeta Sharan, Yashaswini PR, Srikanth PC	ECE	2020	IEEE WRAP	-	WRAP
3.	Effect of process engineering on the performance of hybrid fiber composites	Madhu P, Thyavihalli Girijappa YG, Mavinkere Rangappa S, Parameswaranpillai J, Siengchin S	Mechanical	2020	Hybrid fiber composites: materials, manufacturing, process engineering	9.78353E+12	Wiley-VCH Verlag GmbH & Co. KGaA
2021							
1.	Extrapolating Z-axis data for 2D Image on a Single Board Computer	V. Anupama, A Geetha Kiran	CSE	2021	Lecture Notes in Networks and Systems volume 288	978-981-16-5119-9	Singapore
2.	Pressure Sensor Based on Two-Dimensional Photonic-Crystal Ring Resonator . Advances in VLSI, Signal Processing, Power Electronics, IoT, Communication and Embedded Systems	D. L. Lakshmi, Venkateswara Rao Kolli, P. C. Srikanth, D. L. Girijamba, and Indira Bahaddur	ECE	2021		VSPICE 2020	
3.	Optimization of a Stand-Alone Hybrid Renewable Energy System Using Demand-Side Management for a Remote Rural Area in India	M. Ramesh and R. P. Saini	EEE	2021	Algorithms for Intelligent Systems	ISSN 2524-7573	Springer
4.	Mechanical, electrical and thermal behaviour of additively manufactured thermoplastic composites for high performance applications	Jagadeesh P, Madhu P, Girijappa YG, Rangappa SM, Gupta MK, Siengchin S	Mechanical	2021	Additive and subtractive manufacturing of composites	978-981-16-3183-2	Springer Singapore
2022							
1.	Introduction to bio-based fibers and their composites	Madhu P, Praveenkumara J, Sanjay MR, Siengchin S, Gorbatyuk S	Mechanical	2022	Advances in Bio-Based Fiber	978-0-12-824543-9	Woodhead Publishing, Elsevier
2.	Introduction to plant fibers and their composites	Rangappa SM, Madhu P, Parameswaranpillai J, Siengchin S, Ozbakkaloglu T, Wang H	Mechanical	2022	Plant Fibers, their Composites, and Applications	978-0-12-824528-6	Woodhead Publishing, Elsevier
3.	Plastics in automotive applications	Girijappa YG, Ayyappan V, Madhu P, Rangappa SM, Parameswaranpillai J, Siengchin S	Mechanical	2022	Encyclopedia	-	Elsevier
4.	Thermal Properties of Hybrid Natural Fiber-Reinforced Thermoplastic Composites	Vinod, A., Yashas Gowda, Senthilkumar Krishnasamy, M. R. Sanjay, and Suchart Siengchin.	Mechanical	2022	Natural Fiber-Reinforced Composites: Thermal Properties and Applications (	9.78353E+12	Wiley-VCH Verlag GmbH & Co. KGaA
5.	Tribological applications of polymer composites	T.G Yashas Gowda, Sanjay M R, Jyotishkumar Parameswaranpillai, Suchart Siengchin, Klaus Friedrich,	Mechanical	2022	Tribology of Polymer Composites: Characterisation, Properties, and Applications	978-0-12-819767-7	Elsevier
6.	Detection of COVID-19 using a Multiscale Deep Learning Network: covid:MSNet, Augmented Intelligence in Health care	S. V. Aruna Kumar, S. Nagashree, B. S. Mahanand	CSE	2022	Augmented Intelligence in Healthcare: A Pragmatic and Integrated Analysis Studies in Computational Intelligence	978-981-19-1075-3	Springer Nature Singapore
7.	Three-level hybrid data security	Spoorthi B S, Pushpa Mala S	ECE	2022	Soft Computing for Security Applications		
8.	Spatial SWOT Analysis: An Approach for Urban Regeneration	Dr. Sumana Jayaprakash	Civil	2022	Recent Advances in Civil Engineering	2366-2557	Springer Nature
2023							
1.	3D Printing of Crystalline Polymers	HS Ashrith, TP Jeevan, HGV Divya	Mechanical	2023	Polymer Crystallization: Methods, Characterization and Applications	9.78353E+12	Wiley-VCH GmbH

2.	Lightweight and sustainable materials for aerospace applications	Nagaraju SB, Priya HC, Girijappa YG, Madhu P	Mechanical	2023	Lightweight and Sustainable Composite Materials	978-0-323-95189-0	Woodhead Publishing, Elsevier
3.	Lightweight and sustainable materials for structural applications	Jagadeesh P, Madhu P, Girijappa YG, Sathyanarayana K, Rangappa SM, Siengchin S, Hassan SA	Mechanical	2023	Lightweight and Sustainable Composite Materials	978-0-323-95189-0	Woodhead Publishing, Elsevier
4.	Metallic lightweight materials: properties and their applications	Karthik S , Madhu P , Sanjay M R , Suchart Siengchin , Pradeep S , Sharath B N , Madhu K S , Premkumar B G , Yashas Gowda T G	Mechanical	2023	Lightweight and Sustainable Composite Materials	978-0-323-95189-0	Woodhead Publishing, Elsevier
5.	"Factor Model of Regenerative Cities	Dr. Sumana Jayaprakash	Civil	2023	Futuristic Trends in Construction Materials & Civil Engineering, Volume 3	Waiting for approval	Iterative International Publisher
2024							
1.	Biometric Authentication and Theft Alert System for Motorcycles Using IoT	Goilkar SS, Prasad SV, Madhu P, Goilkar SS, Chandra S	Mechanical	2024	Contemporary Solutions for Sustainable Transportation Practices	9.79837E+12	IGI Global
2.	Comparison of wet and dry milling	R Raghavendra Rao, BN Sharath, KS Madhu, S Pradeep	Mechanical	2024	Advancements in Powder Metallurgy: processing, Applications, and Properties	978-1-6684-9385-4	IGI Global
3.	Consolidation of Lightweight Alloy Powders: Overcoming the Problems During Pressing and Sintering of Low-Dense Alloy Powders like Aluminium, Magnesium, Titanium, and Beryllium Alloys	BN Sharath, R Raghavendra Rao, KP Rakesh, S Pradeep	Mechanical	2024	Mechanically Alloyed Novel Materials: Processing, Applications, and Properties	978-981-97-6503-4	Springer Nature Singapore
4.	Energy Storage Applications of Mechanically Alloyed Materials Supercapacitors, Battery Applications	R Raghavendra Rao, BN Sharath, Puttaswamy Madhusudan, S Pradeep	Mechanical	2024	Mechanically Alloyed Novel Materials	978-981-97-6503-4	Springer Nature
5.	Fabrication of Intermetallic Alloys	R Raghavendra Rao, BN Sharath, Puttaswamy Madhusudan, S Pradeep	Mechanical	2024	Mechanically Alloyed Novel Materials: Processing, Applications, and Properties	978-981-97-6503-4	Springer Nature Singapore
6.	Finite element analysis of polymeric materials in day-to-day applications	Puttegowda M, Nagaraju SB, Girijappa YG, Puttaswamy JT	Mechanical	2024	Finite Element Analysis of Polymers and Composites	978-0-443-14087-7	Woodhead Publishing, Elsevier
7.	Introduction to bioimplants manufacturing	BN Sharath, TP Jeevan	Mechanical	2024	Bioimplants Manufacturing	9.781E+12	CRC Press
8.	Sintering of mechanically alloyed powders	BN Sharath, R Raghavendra Rao, KS Madhu, S Pradeep	Mechanical	2024	Advancements in Powder Metallurgy: processing, Applications, and Properties	978-1-6684-9385-4	IGI Global
9.	Unveiling the Potential of Age Hardened Aluminum Alloys: Strengthening Solutions for Engineering Challenges	Sharath BN, Madhu P, Pradeep DG, Thanush HG, Kumar KM, Manoj S, Verma A	Mechanical	2024	Hybrid Composite Materials: Experimental and Theoretical Analysis	978-981-97-2103-0	Springer Nature Singapore
10.	Detect and Metigate Social Engineering attacka by Analyzing Human Interaction patterns	Ayeesha Siddhiqha, Ramesh B, Chandrika J, Arshad Khan	CSE	2024	Innovative Computing and Communications, Volume 2	978-981-97-3591-4	Springer LNNS
11.	Identifying Pepper Seeds Adulteration with Papaya Seeds via pH Sensor Analysis,	Sunitha P., Ramya M., **Margaret R. E**. and S. P. Preksha Gowda	CSE	2024	Sustainability Entrepreneurship, Equity and Digital Strategies	9.78936E+12	Bloomsbury Prime
12.	Machine Learning for Sustainable Weed Management in Maize Fields: A Prototype solution	P. Sunitha, C. S. Suresh Babu, N. Anagha Dixith, Y. S. Anarghya and Y. M. Shashidhara	CSE	2024	Sustainability Entrepreneurship, Equity and Digital Strategies	9.78936E+12	Bloomsbury Prime
13.	COVID-19 Pandemic's Personal Safety Is Revolutionized by the Smart Mask	Raghu, N., Swetha, G., Druva, Shruthishree, Rekha, Niranjan Kannanugo, & Hemanth Kumar	ECE	2024	Biomedical Research Developments for Improved Healthcare	2470-8542	IGI Global
14.	Enhancing Critical Thinking Through Problem-Based Learning: A Comprehensive Approach to Modern Education	N Raghu, VN Trupti, LN Dayananda, Hemanth Kumar, Smitha Ankanahalli Shankaregowda	ECE	2024	Fostering Teacher Skills and Critical Thinking in Modern Education	2470-8542	IGI global
15.	Modern VLSI Design: System On Chip-Book Chapter, SIPH publications,2024	Prakruthi. H.L	ECE	2024	Modern VLSI Design: System On Chip-Book Chapter		SIPH publications
16.	Highly Sensitive two dimensional Photonic crystal based temperature sensor	Dr. Yashaswini P R , Manasa H S , Kavana K V , Shruthi R , Dr. Venkateswara Rao Kolli , Dr. Srikanth P.C.	ECE	2024	XLVII OSI SYMPOSIUM International Conference on Advances in Optics and Photonics Instrumentation	-	National Press Associates

17.	Characterization of Flexible Concrete Pavements Using Demolition Waste and Laterite	Chethan Kumar N. T.	Civil	2024	Best Practices in Geotechnical and Pavement Engineering	978-981-99-8504-3	Springer Nature
18.	Exploring Walkable Localities as Organizing Principle of City Plan	Dr. Sumana Jayaprakash	Civil	2024	Civil Engineering for Multi-Hazard Risk Reduction	978-981-99-9609-4	Springer Nature
19.	WASTE MANAGEMENT AND RECYCLING: SUSTAINABLE SOLUTIONS FOR A GROWING WORLD	Dr. Kishore Kumar S.	Civil	2024	BRIDGING DISCIPLINES: EXPLORING MULTIDISCIPLINARY RESEARCH FRONTIERS	9.78936E+12	Infinity
20.	Experimental Study on Physical and Morphological Properties of KOH	Dr. Muralidhar N	Civil	2024	Proceedings of the Canadian Society for Civil Engineering Annual Conference 2023, Volume 7	978-3-031-61510-8	Springer Nature
21.	Eco-Conscious Remediation: Harnessing the Power of Natural Coagulants for Dairy Wastewater Treatment", Water and Environment	H. D. Lavanya, C. Madhushree	Civil	2024	Water and Environment, Volume 2	2366-2557	Springer Nature
22.	Studies on the Mechanical Behaviour of Basalt Fibre Reinforced Cement Concrete	Nudi Shree	Civil	2024	Springer Proceedings in Materials, vol 60. Springer, Singapore	978-981-97-7070-0	Springer Nature
23.	Assessing the Impact of Pollution on Public Health	Krishna Swaroop C D	Civil	2024	Transcending Boundaries: New Dimensions In Multidisciplinary Research	9789392917998	Infinity
			2025				
1.	An introduction to metal matrix composites and their applications	Madhu KS, Sharath BN, Karthik S, Pradeep DG, Puttegowda M, TG YG, Premkumar BG, Rao RR	Mechanical	2025	Applications of Composite Materials in Engineering	978-0-443-13989-5	Woodhead Publishing, Elsevier
2.	An introduction to polymer matrix composites and their applications	Puttegowda M, Sharath BN, TG YG, Rangappa SM, Siengchin S	Mechanical	2025	Applications of Composite Materials in Engineering	978-0-443-13989-5	Woodhead Publishing, Elsevier
3.	Evolution and recent advancements of composite materials in rapid prototyping	Puttaswamy JT, Puttegowda M, TG YG, Vedavathi DH	Mechanical	2025	Applications of Composite Materials in Engineering	978-0-443-13989-5	Woodhead Publishing, Elsevier
4.	Morphology and characterization of surface-treated fibers	Jeevan TP, TG YG, Divya HV, Madhu P	Mechanical	2025	Surface Modification and Coating of Fibers, Polymers, and Composites	978-0-443-22029-6	Elsevier
5.	Prospects of synthetic fiber reinforced polymer composites in engineering and commercial applications	Sharath BN, TG YG, Puttegowda M	Mechanical	2025	Applications of Composite Materials in Engineering	978-0-443-13989-5	Woodhead Publishing, Elsevier
6.	Applications of High Entropy Alloys as Catalysts and as Coating Materials	R Raghavendra Rao, BN Sharath, R Shashanka, S Pradeep	Mechanical	2025	Handbook of High Entropy Alloys: Fundamentals to Applications	9781032855578	CRC Press
7.	Other Advanced Applications and the Future of High Entropy Alloys	BN Sharath, Raghavendra Rao, M Hareesha, M Rajesh, R Shashanka	Mechanical	2025	Handbook of High Entropy Alloys: Fundamentals to Applications	9781032855578	CRC Press
8.	A Brief History of Electrochemical Sensors	Raghavendra Rao R.; Pradeep S.; Naveen Kumar C. M.; Rakesh K. P.	Mechanical	2025	Advances in Electrochemical Sensor Applications Using Nano-structured Materials	978-1-83767-432-9	Royal society of chemistry
9.	The Role of Computational Approaches in Additive Manufacturing for Medical Applications	Jayashri Narayanan Nair, MS Annapoorna, P Madhu, KS Shreenidhi, Harishchander Anandaram	Mechanical	2025	Using Computational Intelligence for Sustainable Manufacturing of Advanced Materials	9798369379745	IGI Global Scientific Publishing
10.	Framework Towards Detection of Stress Level Through Classifying Physiological Signals Using Blockchain Technology	Naveen Kumar CM	CSBS	2025	AI in Real-Time Systems. IGI Global Scientific Publishing.	9798369373675	IGI Global Scientific Publishing
11.	Eco-Conscious Remediation: Harnessing the Power of Natural Coagulants for DairyWastewater Treatment	Madhushree C	Civil	2025	Water and Environment, Volume 2, Springer	978-981-97-7501-9	Springer
12.	IOT Enabled Mental Health Monitoring and AI Driven Cognitive Behavioral Therapy Systems for Personalized Treatment	Manasa HS, Dr. Yashaswini PR, Kavana KV	ECE	2025	IOT – Enabled Smart Health Care Systems	978-93-49552-54-8	RAD Emics

13.	Digital Communication Techniques	Dr. A Brinda, Dr. Prathap PB, K. Vibha, Dr. Indrirani	ECE	2025	Digital Communication Techniques	978-93-6674-399-8	Scientific International Publishing House
14.	Real-time 5th generation network protocol analyzer: Performance evaluation using wireshark on user equipment	Dr. Ravikiran H K	ECE	2025	Information and Communication Systems	978-1-041-09432-3	CRC Press
15.	Performance Analysis of Visual Geometry Group Features with Different Classification Models for Identification of Colon Cancer from Histopathological Images	Gowri Shankar Manivannan, S. Rajanna	EEE	01-Feb-26	Machine Learning, Image Processing, Network Security and Data Sciences, 1, volume 2737	978-3-032-14533-8	Springer, Cham
16.	Numerical analysis of eco-friendly fibers and polymers for the sustainable environment	Madhu Puttegowda, Sharath Ballupete Nagaraju	Mechanical	2026	Surface Modification and Coating of Fibers, Polymers, and Composites	9780443220296	Woodhead Publishing, Elsevier
17.	Biobased polymers: Processing, properties, and engineering applications	Madhu Puttegowda, BN Sharath	Mechanical	2026	Polymer Nano-Biocomposites	9780443239229	Woodhead Publishing, Elsevier
18.	Introduction to lightweight composites	BN Sharath, TG Yashas Gowda, P Madhu, KS Madhu, BC Hemaraju	Mechanical	2026	Lightweight Composites	9780443188527	Elsevier
19.	Eco-friendly fiber and polymers for production of composites and biocomposites for the sustainable environment	R Smruthi, DV Vinay, HR Vinay, SP Basavarajappa, TG Yashas Gowda, BN Sharath, TP Jeevan, HC Priya, Prashantha Kalappa	Mechanical	2026	Eco-Friendly Fiber Reinforced Polymer Composite Materials	978-0-443-32796-4	Woodhead Publishing
20.	Manufacturing of Stabilised Mud Blocks Reinforced with Jute fiber for Sustainable Construction	Muralidhar N et. al	Civil	2026	Sustainable Advanced Technologies for Industrial Pollution Control: Proceedings of ATIPC 2024, 1st Edition, Springer Proceedings Volume, Springer Nature	978-3-032-07962-6/2524-3438	Springer Nature Switzerland AG
21.	Forecasting Solid Waste Generation and Its Composition in Visakhapatnam: A Case Study	Krishna Swaroop et. al.	Civil	2026	Sustainable Advanced Technologies for Industrial Pollution Control (Proceedings of ATIPC 2024), 1st Edition	ISBN: 978-3-032-07961-9 (Print); 978-3-032-07962-6 (eBook)	Springer Nature Switzerland AG
22.	Water Quality Distribution in Durgam Cheruvu Lake, Hyderabad	Krishna Swaroop et. al.	Civil	2026	Sustainable Advanced Technologies for Industrial Pollution Control (Proceedings of ATIPC 2024), 1st Edition	ISBN: 978-3-032-07961-9 (Print); 978-3-032-07962-6 (eBook)	Springer Nature Switzerland AG

CONFERENCE DETAILS FROM 2020 to 2025

Sl. No.	Name of the faculty	Title of the Paper Presented	Department	Conference Details	Whether Paper Published
2020					
1.	HK Sharath	Automated Sheet Metal Forming Tool	Mechanical	International Conference on Materials, Manufacturing and Machining for Industry 4.0 (ICMMM 2.0)	Yes
2.	HK Sharath	Automation of the Special Purpose Machine to Perform Boring Operation on Rocker Arm	Mechanical	International Conference on Materials, Manufacturing and Machining for Industry 4.0 (ICMMM 2.0)	Yes
3.	PC Srikanth	2D Photonic Crystal based Biosensor for detection of Cervical Cancer cell	ECE	2020 IEEE international conference on electronics, computing and communication technologies (CONECCT)	Yes
4.	CL Triveni	Design of Biosensor for the Detection of Pregnancy based on HCG Presence in Urine using Photonic Crystal Waveguide”	ECE	6th International Conference on Electronics, Computing and Communication Technologies, IEEE CONECCT 2020 organized by IEEE Bangalore Section	Yes
5.	Indira Bahaddur, Venkateswara Rao Kolli	Pressure Sensor Based on Two-Dimensional Photonic-Crystal Ring Resonator	ECE	Advances in VLSI, Signal Processing, Power Electronics, IoT, Communication and Embedded Systems	Yes
6.	Indira Bahaddur	Performance prediction of graphene-based patch antenna using different ground plane dimensions	ECE	Materials Today: Proceedings	Yes
7.	BM Hemanth Kumar	2D Photonic Crystal based Biosensor for detection of Cervical Cancer cell	ECE	2020 IEEE International Conference on Electronics,	Yes

				Computing and Communication Technologies (CONECCT), 2020	
8.	BM Hemanth Kumar	Detection of Dengue using Photonic Biosensor	ECE	International Journal of Engineering Research & Technology (IJERT) NCETESFT – 2020	Yes
9.	Bharath YK, Shruthi KH, Dhavala RK	Peltier Thermo-Electric Generator based Standalone Micro-Power Supply System	EEE	IEEE seventh International Conference on Electrical Energy Systems (IEEE-EES)	Yes
10.	Dhavala RK, HN Suresh, Rajanna S	Feasibility study by demand side management for selected remote area	EEE	IEEE 7th International conference on Electrical energy systems	Yes
11.	M T Thirthe Gowda, J Chandrika	Analysis and Classification of Ripped Tobacco Leaves Using Machine Learning Techniques	CSE	Evolutionary Computing and Mobile Sustainable Networks proceedings of ICECMSN 2020 pp. 171-180, Springer Singapore	Yes
12.	Neethi V, Geetha Kiran A, Harshavardhan Tiwari	Yield Estimation in Mango Orchards using Machine Vison	CSE	International Conference on Computational Sciences-Modelling, Computing and Soft Computing(CSMCS 2020)10-12, Khozikode, India	Yes
13.	Nanditha BR, Geetha Kiran A, Annegowda, M S Dinesh, Murali S	Texture Analysis of Color Oral Images for Lesion Detection	CSE	International Conference on Computational Performance Evaluation (ComPE),. P. 067-072	Yes
14.	Nanditha BR	Texture Analysis of Color Oral Images for Lesion Detection	ISE	IEEE 2020 International Conference on Computational Performance Evaluation (ComPE)	Yes
15.	Vinayakprasanna Hegde, BC Hemaraju, T M Pradeep and V V Manju	An Investigation on Dose Rate Effect of 60Co Gamma Radiation on 200 GHz SiGe HBTs	Physics	International Conference on Advances in Materials, Ceramics and Engineering Sciences (AMCES-2020)	Yes
2021					
1.	HK Sharath	Design & Development of a Robotic Workcell	Mechanical	National Conference on Recent	No

		to Reduce Human Intervention and Increase Productivity		Innovations in Mechanical Engineering (RIME'2k21)	
2.	Yashas Gowda TG	Mechanical Property Evaluation of Hybrid Areca/Basalt/Carbon fibers Reinforced Epoxy/Bio-Epoxy Composites	Mechanical	Invention, and Innovation Congress , 1 – 2 September 2021. (Oral presentation)	No
3.	Yashas Gowda TG	Mechanical and thermal properties of flax /carbon/kevlar based epoxy hybrid composites.	Mechanical	International conference on sugar palm and allied fibre polymer composites 2021	No
4.	CL Triveni	Design and Implementation Quantum Half Subtractor and Full Subtractor Using IBM Quantum Experience	ECE	IEEE Bangalore section	Yes
5.	Indira Bahaddur, Venkateswara Rao Kolli	Photonic Crystal based Bio-Sensor using Rhombic Ring Resonator for Cancer Cell Detection	ECE	organized by IEEE Bengaluru Section 9-11 July 2021	Yes
6.	Indira Bahaddur	RAPID DETECTION OF BRAIN LESIONS USING BIOSENSOR BASED 2D PHOTONIC CRYSTAL"	ECE	organized by IEEE Bengaluru Section 9-11 July 2021	Yes
7.	KC Deepika	Hybrid CNN-Ensemble based Classifier for Touchless Fingerprint Classification	ECE	Navkis college of Engineering, Hassan	Yes
8.	GT Arjun, NS Jyothi and VS Neethu	Vector Control of Doubly fed Induction Machine for an Electric Vehicle Application	EEE	2021 International Conference on Recent Trends on Electronics, Information, Communication & Technology (RTEICT)	Yes
9.	Neethu VS, Jyothi NS and Raghvendraprasad Deshpande	Optimal EV placement using Particle Swarm Optimization Algorithm	EEE	IEEE International Conference on Electrical, Electronics, Computer Technologies and Optimization Techniques (ICEECCOT – 2021)	Yes
10.	R Pushpalatha & B Ramesh	Amalgamation of Neural Network and Genetic Algorithm for Efficient Workload Prediction in Data Center	CSE	In Advances in VLSI, signal processing, power electronics, IoT, communication and embedded systems: select proceedings of	Yes

				VSPICE 2020 (pp. 69-84). Springer Singapore.	
11.	Anand Babu J	Performance Evaluation of Packet Injection and DOS Attack Controller Software (PDACS) Module	ISE	5th International Conference ICICCT-2021	Yes
12.	CM Naveen Kumar	VGG 16 Based Human Emotion Classification Using Thermal Images Through Transfer Learning	EIE	2021 IEEE Mysore Sub Section International Conference (MysuruCon), 24-25 Oct. 2021	Yes
13.	GK Kalavathi	Numerical approach of self tuning Shape memory alloy based PZT energy harvester without tipmass	Mathematics	International Conference ICMEEP (December 10 – 11, 2021)	No
2022					
1.	Madhushree C	Urban Regeneration: Qualifying City Parameters as Per Citizen's Aspirations	Civil	NMAM Institute of Technology, Nitte, Udupi, India	No
2.	Madhushree C	Effect of Poor Soil Conditions on Seismic Vulnerability of Overcrowded Building	Civil	Kochi	No
3.	Madhushree C	Capacity Building of Teacher in the light of the Indian Knowledge System	Civil	Bengaluru University	No
4.	Madhushree C	Seismic Performance evaluation of post fire affected unconfined and confined Reinforced Concrete – SMRF Structure	Civil	Korea	Yes
5.	Madhushree C	Demonstration of Fabrication and Working of a Hydraulic Ram Pump	Civil	Chennai	Yes
6.	B Pooja, S Rajanna, NL Varaprasad, M Ramesh, GR Sowmya, SR Rakshitha	Design of a Battery Charge Controller Through MPPT Based Solar Photovoltaic System	EEE	Mandya, India	Published
7.	Anand Babu	Secure Data Retrieval System Using Biometric Identification	ISE	….	Yes
8.	Anand Babu	Eye Blink to Speech Conversion for Paralyzed (MND) Patients Using ML-Based Algorithm	ISE	…..	Yes

9.	Anand Babu	Satellite Image Classification Based on Adaptive Skip Connection - Convolutional Neural Network	ISE	…..	Yes
10.	Anand Babu	Predicting the Stock Price Using Natural Language Processing and Random Forest Regressor	ISE	…..	Yes
11.	Sushma M V	Credit Card fake Revealing Analysis and Prediction of Algorithms	AI & ML		Yes
12.	Roopa GS	Bioconvective nanofluid flow over an exponential stretched sheet with thermophoretic particle deposition.	Mathematics	Department of Basic Science, PES Institute of Technology and management, Shivamogga	No
2023					
1.	Muralidhar N	Experimental Study on Physical and Morphological Properties of KOH	Civil	Canadian Society of Civil Engineering Annual Conference-2023, Canada	Yes
2.	Muralidhar N	Finite Element Study on Coconut Inflorescence Stem Fiber Composite Panels Subjected to Static Loading	Civil	International Conference on Recent Advances in Science and Engineering-2023, Dubai, United Arab Emirates	Yes
3.	Muralidhar N	A Numerical Study on Coconut Inflorescence Stem-Fiber-Reinforced Panels Subjected to Tensile Load, Compressive Load, and Flexural Load	Civil	International Conference on Recent Advances in Science and Engineering-2023, Dubai, United Arab Emirates	Yes
4.	Muralidhar N	Exploring the Potential of Copper Slag and Quartz as Fine Aggregate Replacements in Concrete: A Comprehensive Study	Civil	International Conference on Recent Advances in Science and Engineering-2023, Dubai, United Arab Emirates	Yes
5.	Madhushree	Investigating Ground and Surface Water near a Municipal Solid Waste: A Case Study of Hassan Districts Hanumanthapura	Civil	5th International Conference on Civil Engineering Trends and Challenges for Sustainability 19/12/2023 - 20/12/2023	No
6.	Madhushree	Physical & mechanical properties of aggregates	Civil	Emerging trends and sustainable	No

		used for cell filled pavement		developments in Civil Engineering	
7.	Madhushree	Characterization of Flexible Concrete Pavements Using Demolition Waste and Laterite	Civil	International conference on interdisciplinary approaches in civil engineering for sustainable development – IACESD – 2023	No
8.	Madhushree	Progressive collapse of regular RC structure considering flexibility of slabs under gravity and wind loads	Civil	5th International Conference On Civil Engineering Trends and Challenges for Sustainability 19/12/2023 - 20/12/2023	No
9.	Madhushree	Use of Plastic aggregates, glass pieces and brick ballast in Concrete by partial replacement to natural granite coarse aggregates	Civil	International Conference on " Emerging Trends and Sustainable Developments in Civil Engineering (ETSDCE) at Sri Siddhartha Institute of Technology, Tumakuru on 27th-28th April 2023	No
10.	Madhushree	Finite Element Study on Coconut Inflorescence stem fiber composite panels subjected to Static loading	Civil	International Conference on " Emerging Trends and Sustainable Developments in Civil Engineering (ETSDCE) at Sri Siddhartha Institute of Technology, Tumakuru on 27th-28th April 2023	No
11.	Madhushree	A Numerical Study on Coconut Inflorescence stem fiber reinforced panels subjected to Tensile load, Compressive load, and Flexural Load	Civil	International Conference on " Emerging Trends and Sustainable Developments in Civil Engineering (ETSDCE) at Sri Siddhartha Institute of Technology, Tumakuru on 27th-28th April 2023	No
12.	Madhushree	Free Vibration Analysis on Coconut Inflorescence stem fiber composite panels	Civil	International Conference on " Emerging Trends and Sustainable Developments in Civil Engineering (ETSDCE) at Sri Siddhartha Institute of Technology, Tumakuru on 27th-28th April 2023	No

13.	PC Srikanth	Youtube Spam Detection Scheme Using Stacked Ensemble Machine Learning Model	ECE	2023 International Conference on Network, Multimedia and Information Technology (NMITCON), Bangalore	Yes
14.	Yashaswini PR, PC Srikanth	Enhanced Biosensing with Rhombic Ring Resonator in Two-Dimensional Photonic Crystals for Proteinuria Detection	ECE	2023 IEEE Workshop on Recent Advances in Photonics (WRAP), IIIT Allahabad	Yes
15.	Meghashree BS, Venkateswara Rao Kolli, Sushma N, Santosh Kumar KB	Photonic Crystal Micro-Ring Resonator for Urine Analysis for Different Diseases,	ECE	IEEE 3rd Mysore Sub Section International Conference (Mysuru Con)	yes
16.	Prathap PB	Gold-Encapsulated Self-Compensating Tilted Fiber Bragg Grating Biosensor for Clinical Decisions	ECE	2023 International Conference on Next Generation Electronics (NEleX), VIT, Vellore	YES
17.	Prakruthi HL	IoT And GSM Applications for Industrial Health Monitoring	ECE	3rd International Conference on Pervasive Computing and Social Networking (ICPCSN), Virtual	Yes
18.	S Prapulla Kumar	Hybrid Codebook Optimization Technique for Vector Quantization to Preserve the Quality of the Decompressed Image	CSE	IEEE 4th Annual Flagship India Council International Subsections Conference (INDISCON), Mysore, India, 2023, pp. 1-7, DOI: 10.1109/INDISCON58499.2023.10269969.	yes
19.	Margaret RE, Sunitha P, Ragib R Sharief, Syed Ahmed Osama, CS Suresh Babu	Arduino Based Solar Tracker In Dual Axis	CSE/ EIE	4th International Conference on Current Research in Engineering and Technology 4th ICCRET 2023, Chirala, Andhra Pradesh	Yes
20.	Keerthi K S	A Linear Nearest Neighbour Lasso Step Based Honey Badger Algorithm for Robust Network Intrusion Detection System	CSE	4th International Conference on Current Research in Engineering and Technology 4th ICCRET 2023, Chirala, Andhra Pradesh	yes
21.	Anand Babu J	An Efficient Deep Learning Approach to Deal with Cyberbullying	ISE	IEEE Conference	Yes
22.	Balaji Prabu B V	Human Pose Tracking and Juxtaposition	ISE	International Conference	Yes

		(HPTJ) Model: Pose Monitoring System Using Deep Learning			
23.	Anand Babu J	Deep Learning and Sentiment Analysis Improve E-commerce Sales Prediction	ISE	International Conference on Data Science and Network Security (ICDSNS)	Yes
24.	Chandrika J	IOT based solid waste management and analysis applying Machine learning techniques	ISE	International Conference on Advances in Computing, Control and Telecommunication Technologies, August 2023, RIT Hassan	Yes
25.	Chandrika J	Identification of Counterfeit Products Using Blockchain in E-Commerce	ISE	International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics (ICIITCEE 2023), August 2023	Yes
26.	Anand Babu J	Robotic Attendance Scheme in the Classroom Using Artificial Intelligence and Internet of Things	ISE	2023 International Conference on Applied Intelligence and Sustainable Computing (ICAISC), 09 August 2023	Yes
27.	Anand Babu J	An Efficient Deep Learning Approach for Cyberbullying Detection	ISE	2023 2nd International Conference on Computational Modelling, Simulation and Optimization (ICCMSO), 7 December 2023	Yes
28.	CS Suresh Babu	Machine Learning For Sustainable Weed Management In Maize Fields: A Prototype Solution	EIE	Jaipuria Institute of Management Noida (Delhi NCR)	Yes
29.	Ankitha S	MVR: A Mobile Edge Computing Framework for Performance Offloading	AI & ML	14th International Conference on Advances in Computing, Control, and Telecommunication Technologies (ACT 2023), RIT, Hassan	Yes
30.	Raju SP	Preperation of QD-RGO Hybrid Nanomaterials; Simple and Effective Route to avoid Intense Charge Carrier Recombination to Boost Opto-Electrical Properties	Physics	2nd International Conference on Engineering Innovation (ICEI-2023), organized by Jain Institute of Technology, Davanagere, in	Yes

				association with Technical Institute for Engineers, Bangalore, held on 2nd June 2023	
31.	Raju SP	Synergistic Enhancement of Opto-Electrical Properties through QD-RGO Hybrid Nanomaterials: A Novel Approach to Suppress Intense Charge Carrier Recombination	Physics	QuRP-RPGR-F-2310, Quantum Research Park, held on Tuesday, 21st November 2023, Quantum Research Park, IISc, Bangalore	No
2024					
1.	K C Manu & M S Shamana	Experimental Investigation On Behavior Of Transparent Concrete Using Glass And Optical Fibers" ASCE International Conference on Challenges and Innovations for Sustainable Smart Citie	Civil	Punjab Engineering College, Chandigarh	No
2.	Madhushree C	Eco-Conscious Remediation: Harnessing the Power of Natural Coagulants for Dairy Wastewater Treatment	Civil	National Institute of Technology Silchar, Assam, India.	Yes
3.	Madhushree C	Evaluating Station Density'S Impact On Groundwater Level Estimation In A Semi-Arid Karnataka Watershed	Civil	Punjab Engineering College, Chandigarh	No
4.	Yashaswini PR, Kavana KV, Manasa HS, PC Srikanth	Highly Sensitive two dimensional Photonic crystal based temperature sensor	ECE	Hotel Taj, Chandigarh	Yes
5.	Yashaswini PR, Kavana KV, Manasa HS, PC Srikanth	Rhombic Shaped Photonic Crystal Biosensor for the Detection of Eye Melanoma	ECE	BGSIT	Yes
6.	G Murthi Mahadev Naik	Advancements in EEG Signal Transmission: Towards Seamless Integration with Emerging Wireless Technologies for Enhanced Telemedicine	ECE	SSIT, Tumkur	Yes
7.	C L Triveni	D Photonic Crystal Optical Waveguide Using Lithium Niobate for Elastic Optical Network	ECE	CSIR-CSIO Chandigarh, Punjab	Yes
8.	Santosh Kumar KB, Sushma N, Indira Bahaddur, Venkateswara Rao	Enhanced 5 channel DWDM Demux using Photonic Crystal hexagonal Ring resonator"	ECE	21st Nov 2024 at BGSIT,BG Nagara ICRASET-	Yes

	Kolli				
9.	Santosh Kumar KB, Sushma N, Indira Bahaddur, Venkateswara Rao Kolli	Optimization of Integrated Microring Resonator for Enhanced Sensing Application	ECE	21st Nov 2024 at BGSIT,BG Nagara ICRASET-	Yes
10.	Santosh Kumar KB, Sushma N, Venkateswara Rao Kolli	Smart and Sustainable Energy Systems: Enhanced Transmission of EEG Signals in Telemedicine Applications using Soft Output Viterbi Turbo Decoder.	ECE	IOP Conference Series: Earth and Environmental Science.	Yes
11.	Dakshayini MR	Crop Yield Prediction System Using Satellite Imagery and Machine Learning	ECE	Coimbatore, tamil nadu	Yes
12.	Prathap PB	Gold and graphene oxide coated tilted fiber Bragg grating biosensor design for clinical decisions	ECE	RUSSIA	Yes
13.	Prathap PB	Enhancing public transportation: an IoT-based smart bus system for real-time fleet management and improved passenger experience	ECE	RUSSIA	Yes
14.	Hemanth Kumar BM	Missile Guidance system using Kalman Filtering	ECE	BGSIT, B G Nagar	Yes
15.	Hemanth Kumar BM	Solar Harmoni Air: The Integration of Solar Power for Intelligent Outdoor Air Purification and Monitoring System	ECE	BGSIT, B G Nagar	Yes
16.	Gowri Shankar Manivannan, Rajanna Siddaiah, Chethana K R, Asra Firdose, Bharath C and Adithya N	Performance Analysis of Local Binary Pattern Features with Eagle Optimization Algorithm based CNN Classifier for Breast Cancer Detection from Ultrasound Images	EEE	Coimbatore, India	Yes
17.	Gowri Shankar Manivannan, Kaveri K B, Sinchana A R, Shifa Fathima, Sonika T M and	Performance Analysis of LSTM Classification Model from GLCM with Lion Optimization Algorithm Features for Melanoma Identification from Skin Cancer Images	EEE	Coimbatore, India	Yes

	Priya D P				
18.	Gowri Shankar M, M Sudharshan	Performance Analysis of Rabbit Algorithm with Gaussian Process Classifier for Detection of Adenocarcinoma from Lung Cancer Histopathological Images	EEE	Coimbatore, India	Yes
19.	Gowri Shankar Manivannan, Rajanna S	Performance Analysis in Blast Induced Ground Vibrations with Advanced Machine Learning Algorithm Techniques	EEE	Bangalore, India	Yes
20.	Poornima HG; Bindushree SN; Raksha A; Lateshkumar SN; Rajanna S, Ramesh M	Simulation Based Hybrid Solar and Wind Energy System for Standalone Application	EEE	Prayagraj, India	Yes
21.	Bhuvan HD, Deepika KR, Charanraj AM, Prajwal DK, Yogitha S K	Solar Charging Station of Electric Vehicle	EEE	Bangalore, India	Yes
22.	Chandrika J	Identification of Counterfeit Products using Blockchain in E-Commerce	CSE	2024	Yes
23.	Siddiqua A, Ramesh B, Chandrika J	Social Engineering Attacks Detection and Mitigation by Analyzing Human Interaction Patterns	CSE	2024	
24.	Shashidhara H V	Forest Fire Detection and Alarm System	CSE	2024	No
25.	Chandrika J	Detect and Mitigate Social Engineering Attacks by Analyzing Human Interaction Patterns	ISE	Shaheed Sukhdev College of Business Studies, University of Delhi, New Delhi	Yes
26.	Anand Babu J	Enhanced Seizure Prediction System for Wearable Health Devices	ISE	2024	Yes
27.	Anand Babu J	MediGlove: IoT and Machine Learning for Remote Health Care	ISE	2024	Yes
28.	Shruthi BS	Plant Leaf Disease Detection and Classification Using MobileNetV3 and Wavelet Kernel ELM	ISE	2024	Yes
29.	Shruthi BS	Plant Leaf Disease Detection and	ISE	2024	Yes

		Classification Using MobileNetV3 and Wavelet Kernel Extreme Learning Machine			
30.	Anand Babu J	Improved Mask Recurrent Convolutional Neural Network for Remote Sensing Landslide Detection	ISE	October 18-19, 2024	Yes
31.	CM Naveen Kumar	Deep Learning Based Recognition of Sign Language	CSBS	MCE, Hassan	Yes
32.	CM Naveen Kumar	A Framework for Deepfake Detection using Convolutional Neural Network and Deep Features	CSBS	UPES, Dehradun, India	No
33.	CM Naveen Kumar	Human Emotion Classification Using Facial Thermal Features In The Presence Of Mask	CSBS	Manipal Institute of Technology MAHE, Bengaluru	Yes
34.	CM Naveen Kumar, Manjunatha G	Cardiovascular Disease Classification using Machine Learning Techniques	CSBS	Manipal Institute of Technology MAHE, Bengaluru	Yes
35.	Hemanth TS	Functional Characterization of COMOCRSI/fly ash composite clads developed on stainless steel through microwave hybrid heating	CSBS	Bangkok, Thailand	No
36.	Raju S, Chaitra SN	Metal Salt Doped PVA Films for Advanced Packaging Applications: A Study on Optical and Electrical Properties	Physics	Srinivas Institute of Technology, Mangaluru	No
37.	Roopa GS	Tiwari-Das and XUE nanofluid model on MHD and thermal-dependent heat source/sink over a spinning disc	Mathematics	REVA University, Bengaluru, India	No
38.	Pradyumna R	Analysis of homogeneous and heterogeneous chemical reaction on a coaxial cylinders	Mathematics	REVA University, Bengaluru, India	No
39.	Chandini K S	Combined effect of MHD and roughness on porous finite Journal bearing with slip/no-slip surface	Mathematics	Ramaiah Institute of Technology Bengaluru	No
40.	Chaithra C M	Analytical model of electromechanical shape memory alloy-based tunable piezoelectric energy harvester with point mass considered at the cantilever tip	Mathematics	Ramaiah Institute of Technology Bengaluru	No
2025					

1.	Hemanth R	A Comparative study of Two stage mixing concrete against Nominal mixing concrete	Civil	2nd International Conference on Innovations in Sustainable and Digital Construction Practices (ISDCP) 2026, Dayananda Sagar College of Engineering, Bengaluru	No
2.	Shamana B S	Experimental Investigation on Behavior of Transparent Concrete Using Glass And Optical Fibers	Civil	ASCE International Conference on Challenges and Innovations for Sustainable Smart Cities (CISSC 2025), "Punjab Engineering College, Chandigarh (February 7–9, 2025, Hotel Novotel, Chandigarh, India)	No
3.	Madhushree C	Assessing the Influence of Monitoring Station Density on Groundwater Level Variability Analysis’	Civil	International Conference on River Resilience: Environmental Flows to River Health through the Lens of Ecosystem Services (ICRR 2025) "SPARC (Scheme for Promotion of Academic and Research Collaboration), Ministry of Education, Government of India, from the 27 of February to the March 2025 at NIT Calicut."	No
4.	Madhushree C	Evaluating Station Density & Impact On Groundwater Level Estimation In A Semi-Arid Karnataka Watershed	Civil	ASCE International Conference on Challenges and Innovations for Sustainable Smart Cities (CISSC 2025), "from (February 7–9, 2025, Hotel Novotel, Chandigarh, India) organized by ASCE India Section Northern Region (ASCE IS NR) & Punjab Engineering College, Chandigarh"	No
5.	Madhushree C	Integrating Artificial Neural Network and Ordinary Kriging for Improved Groundwater Level Predictions in Semi-Arid Region	Civil	International Conference on Civil Engineering Innovative Development In Engineering Advances, [ICC IDEA	No

				-2025], "20 th -22 nd March 2025, organized by Department of Civil Engineering, SRM Institute of Science and Technology Kathankulathur.	
6.	Supriya M J, Brunda B N	Removal of Fluoride from Groundwater using Natural Adsorbents	Civil	International Conference on River Resilience: Environmental Flows to River Health through the Lens of Ecosystem Services (ICRR 2025)	No
7.	Hareesha M	A Comprehensive Review on Filler materials in Hybrid Natural/Synthetic Fibre Reinforcements	Mechanical	International Conference on Manufacturing, Materials Science & Engineering (ICMMSE– 2025) 22 & 23, August 2025, Vignan Institute of Technology & Sciences, Hyderabad, Telangana, India.	No
8.	Hareesha M	Investigation of stacking sequence influence on the Mechanical Properties of Banana/Areca Fiber-Reinforced Epoxy Composites	Mechanical	International Conference on Advancing Sustainability through Multidisciplinary Research & Innovation (CONFLUENCE– 2025) 6 th to 8th, November 2025, G M University, Davanagere, Karnataka-577006	No
9.	Hareesha M	Evaluation of Tribological Properties of Hybrid Natural fibre Composites in Brake Pad applications	Mechanical	International Conference on Surface Engineering of Sustainable & Bio-materials (ICSESBM 2025) IIT Madras 9-11 December 2025	No
10.	Madhu K S	Review on effect of ceamic particles on aluminium based composite for high temperature application	Mechanical	International Conference on sustainable development in advanced materials, manufacturing and industry 4.0, Kalasalingam academy of research and education	No
11.	Prem Kumar B G	Investigation of Staking sequence Influence on Mechanical Properties of Banana/Areca fibre-Reinforced Epoxy Composites	Mechanical	International Conference on Advancing Sustainability through Multidisciplinary Research & Innovation (CONFLUENCE–	No

				2025) 6 th to 8th, November 2025, G M University,Danagere, Karnataka-577006	
12.	HK Ravikiran, BR Vishwanath, MB Punith Kumar, MS Sathisha, SJ Prashantha, LS Ravi	GhostLiteNet with Channel Attention for Livestock Classification: Integrating SE Blocks for Performance and Efficiency	ECE	2025 International Conference on Communication, Computer, and Information Technology (IC3IT), Mandya, India	Yes
13.	T Srinivas, Rajini V Honnungar, Ibrar Jahan, Venkateswara Rao Kolli	Learning Platforms through Internships and Outreach Programmes	ECE	2025 IEEE Conference on Education and Training in Optics and Photonics (ETOP), Glasgow, United Kingdom	Yes
14.	Dr. Yashaswini P. R	AI-Augmented Photonic Crystal Biosensing Platform for HPV Detection in Urine.	IPC Conference 2025	Resorts World Sentosa, Singapore	Yes
15.	Dr. Ravikiran H K	Design and Analysis of an Apple-Shaped Microstrip Patch Antenna for 2.4 GHz Applications	5th International Conference on Communication, Devices and Computing	Haldia Institute of Technology, Haldia, West Bengal, India,	Yes
16.	Dakshayini M R, Triveni C L, Hemanth Kumar D T,Spandana S R	A Gallium Nitride-Based Approach to Sense Urine Glucose	IEEE 22nd India Council International Conference IEEE Indicon – 2025, 18–20 December 2025,	International Institute Of Information Technology (Iiit-b) 26/C, Electronics City, Hosur Road Bangalore, Karnataka,India – 560100	Yes
17.	Dakshayini M R, Triveni C L, Hemanth Kumar D T, poornima M R	Gallium Nitride-Based Approach to Sense Blood Glucose	Sixth International Conference on Optical & Wireless Technologies 2025 (OWT 2025)	NIT Goa, India. on 18-19 Dec 2025	Yes
18.	Murthi Mahadeva	A Review of Microstrip Patch Antenna Design	2026	Tuticorin, India, 2026	Yes

	Naik G, Santhosh Kumar K B & Sushma N	Techniques for 5G Communication Systems	International Conference on Electronics and Renewable Systems (ICEARS)		
19.	Ranjitha Krishna R, Usha Desai,Santhosh Kumar K B, Sushma N, Indira Bahaddur, P C Srikanth	Design and Analysis of a High-Sensitivity Photonic Crystal Pressure Sensor with Hexagonal Ring Resonator	ICAUC 2026: International Conference on Al-Driven Smart Systems and Ubiquitous Computing	Shinawatra University, Bangkok, Thailand. on 19-21, January 2026.	No
20.	Santhosh Kumar K B, Sushma N, Deepika K C, Prathap P B, Raghurham K A, Indira Bahaddur	Enhancing Laser-Plasma Acceleration Through Deep Learning: Surrogate Modeling and Optimization	Proceedings of the Seventh International Conference on Advances in Electrical and Computer Technologies (ICAECT 2025),	Tiruchengode, India, July 24–25, 2025.	No
21.	C. A. J., V. M. Naik, C. Devaraja, T. Bhat, and S. K. B. Santhosh	Analysis of Various Health Metrics from Smart Wearable Device Using ESP32 Dual Core Processor	16th International Conference on Recent Engineering & Technology (ICRET 2025)	East West College of Engineering, Bengaluru, India, May 16–17, 2025.	No
22.	Dr. Triveni C.L, Dr. Prakruthi H. L, Dakshayini M.R Dr. Saara K,	A Novel Approach Towards Link and Subcarrier Deployment in Elastic Optical Networks	The International Scientific and Technical Conference «Microelectronic	October 21–22, 2025, National Research University of Electronic Technology, Zelenograd.	Yes

			Implantable Neurointerfaces 2025» (MIN-2025)		
23.	Prathap P.B, Raghuram K.A., Sushma N., Santhosh Kumar K.B ,Deepika K.C, Saara K	Tilted Fiber Bragg Grating Based Biosensor For Detection Of Troponin-t In Blood To Find Heart Damage	International Scientific and Technical Conference on Microelectronic Implantable Neurointerfaces 2025	Russia, 21–22 October 2025	No
24.	Dr. Yashaswini P. R, Manasa H. S, Dr. Prakruthi H. L, Saara.K, Srikanth P. C	Augmenting Photonic Crystal Biosensors with AI for Deadly Virus Detection: A Logistic Regression-Based Performance Study	The International Scientific and Technical Conference «Microelectronic Implantable Neurointerfaces 2025» (MIN-2025)	National Research University of Electronic Technology, Zelenograd held from October 21–22, 2025	No
25.	Manasa H.S , Dr. Manojkumar S B, Dr. Yashaswini P R, Dr. Prakruthi H.L, Saara.K	AI Augmented 2D Photonic Crystal Biosensor for the Detection of Eye Melonoma using Regression Methods	The International Scientific and Technical Conference «Microelectronic Implantable Neurointerfaces 2025» (MIN-2025)	National Research University of Electronic Technology, Zelenograd held from October 21–22, 2025	No
26.	Kavana K. V, Dr. Yashaswini P. R, Manasa H. S,	AI Augmented Identification of Blood Cholesterol in Human using Photonic Crystal Based Biosensor	The International Scientific and	National Research University of Electronic Technology, Zelenograd held from October 21–22, 2025	No

	Ranjitha Krishna R, Saara.k		Technical Conference «Microelectronic Implantable Neurointerfaces 2025» (MIN-2025)		
27.	Dr. Yashaswini P. R, Manasa H. S	Detection and attribution of fake images from Classical Forensics to foundation models - A detailed Review	16th International Conference on Recent Engineering & Technology (ICRET 2025)	East West College of Engineering, Bengaluru, India, May 16–17, 2025.	No
28.	Gowri Shankar Manivannan, S Rajanna, T Thejaswini	Cuckoo Search Algorithm Features based Multi Kernel Support Vector Machine Performance Analysis for Detection of Battery Anomaly from Lithium-Ion Battery	EEE	2025 3rd International Conference on Self Sustainable Artificial Intelligence Systems (ICSSAS), Tamilnadu, India	Yes
29.	Gowri Shankar Manivannan, Sanjoy Deb, Satish V Talawar	Performance Analysis of Artificial Gorilla Troop Optimization Algorithm Features based BAT Algorithm for Ground Vibrations Detection using Different Geophone Sensors	EEE	2025 International Conference on Data Science, Agents & Artificial Intelligence (ICDSAAI), Chennai, India	Yes
30.	Gowri Shankar Manivannan, Satish V Talawar	An Efficient Capsule Network Model Performance Analysis from Fast Fourier Transform Features for Prediction of Stator Winding Temperature in Permanent Magnet Synchronous Motor	EEE	2025 International Conference on Computational Robotics, Testing and Engineering Evaluation (ICCRTEE), Virudhunagar, India	Yes
31.	Gowri Shankar Manivannan, NA Ranjan, HS Thanmayi, DD Thejaswini, Nadiya Huda Khanum, Kishore B Hassan	Fourier Transform Temporal Features based Hybrid GRU-TCN Algorithm Performance Analysis for Prediction of Multi-Region Electricity Energy Consumption	EEE	2025 International Conference on Computational Robotics, Testing and Engineering Evaluation (ICCRTEE), Virudhunagar, India	Yes
32.	Gowri Shankar	Unified Approach to Detection of Induction	EEE	2025 International Conference on	Yes

	Manivannan; Vasundhara. M G; Chinmayee R G; Tharesh D R; Shreyas C; Ruthik J K	Motor Faults from Vibration Signals using Hilbert Transform based Autoencoder Features and Hybrid Efficient Machine Learning Algorithms		Intelligent Computing and Knowledge Extraction (ICICKE), Bengaluru, India	
33.	Gowri Shankar Manivannan, Ravi Kumar, Dhyana Tejas Shukla CR	Deep Residual Networks Based Classification of Ovarian Cancer from Histopathological Images Using Bio-Inspired Metaheuristic Optimization Algorithm	EEE	2025 2nd International Conference on Intelligent Algorithms for Computational Intelligence Systems (IACIS), Hassan, India	Yes
34.	Prathima H V, M Ramesh, Keerthana C P, Lekhana G B	Mitigating Mismatch and Wiring Losses through Static PV Array Reconfiguration	EEE	IEEE 2025 Second International Conference on Intelligent Technologies for Sustainable Electric and Communications Systems (iTech SECOM), PSG Institute of Technology and Applied Research, Coimbatore, Tamil Nadu	No
35.	Rajanna Siddaiah; Gowri Shankar Manivannan; Varaprasad N L	Adaptive Topology Based Performance Enhancement of Solar PV Arrays Under Complex Shading Patterns	EEE	2025 2nd International Conference on Software, Systems and Information Technology (SSITCON), Tumkur, India	Yes
36.	J. Mohana Lakshmi	Multifunctional Borewell Rescue Robot for Enhanced Child Safety	EEE	2025 Second International Conference on Intelligent Technologies for Sustainable Electric and Communications Systems (iTech SECOM), Coimbatore, India	Yes
37.	C Mouna, BS Pooja, N Kotesha, BK Punith Gowda, A Geetha Kiran, J Mohana Lakshmi	Development of Automated Harvest Machine for Precision Farming of Areca Nut	CSE/ EEE	2025 International Conference on Computing Technologies & Data Communication (ICCTDC), HASSAN, India	Yes
38.	S Muskan, ND Harshini, PK Pavan Kumar, MD Prajwal,	Development of AI Powered Model for Oralcancer Detection	CSE/ EEE	2025 International Conference on Computing Technologies & Data Communication (ICCTDC),	Yes

	A Geetha Kiran, J Mohana Lakshmi			HASSAN, India	
39.	S Hemanth, HD Darshan, HM Prajwal Kumbar, A Geetha Kiran, J Mohana Lakshmi	Compact, Foldable and Lightweight Electric Scooter: Scootlite	CSE/ EEE	2025 International Conference on Computing Technologies & Data Communication (ICCTDC), HASSAN, India	Yes
40.	Satti Sudha Mohan Reddy, Sriram Anusha, MR Tejonidhi, Khalid Nazim Abdul Sattar, KT Haneesh Babu	A Red Deer Optimization-Based Deep Learning Approach for Wind Power Forecasting	CSE	International Conference on 6G Communications Networking and Signal Processing, Bangalore, India	Yes
41.	Mrs. Nithyashree R	A Comprehensive System for Handwritten Character Recognition using Deep Learning	CSE	International Conference on Recent Engineering & Technology (ICRET), East West College of Engineering, Bangalore, India	No
42.	Mrs. Chandana H M	Career Compass: Navigating to. The Right Job with ML	CSE	International Research Journal on Advanced Engineering Hub(IRJAEH), Dr. Ambedkar Law University, Chennai	No
43.	Mrs. Chandana H M	Crop Stress Detection Using AI	CSE	International Conference on Research , Engineering Advance Technology (ICREATE), Ballari Institute Of Technology and Management(BITM) Karnataka, India	No
44.	Mrs. Shobha Chandra K	Automated Medicinal Plant Identification Using Deep Convolutional Neural Networks	CSE	International Conference on Research, Engineering and Advanced Technologies in Computing and Management (iCreate 2025)- Hybrid, Ballari Institute Of Technology and Management(BITM) Karnataka, India	No

45.	Mrs. Charitha D	Machine Learning Approach for Skin Cancer Detection and Classification	CSE	International Conference on Interdisciplinary Technologies in Research and Artificial Intelligence (ICITRAI 2025), Tamilnadu	No
46.	Mrs. Harshitha S.	Slidebot: Automated Presentation Generation Using NLP	CSE	International Research Journal on Advanced Engineering and Management, Tamilnadu	No
47.	Dr. Kavyasri M N	Hybrid Machine Learning Model for SQL Injection Attack Detection	CSE	International Conference on Artificial Intelligence in Engineering Systems, Rajeev Institute of Technology, Hassan Karnataka India	No
48.	Dr. Keerthi Kumar H M	HSL Based Anomaly Detection of Leukemia	CSE	International Conference on Artificial Intelligence in Engineering Systems, Rajeev Institute of Technology, Hassan Karnataka India	No
49.	Mrs. Nithyashree R	Health Saving Chip-Comphrensive Vehicle Accident Detection and Automated Emergency Alert System	CSE	International Conference on Research, Engineering,and Advanced Technologies in Computing and Management (iCreate 2025)- Hybrid, Ballari Institute of Technology and Management(BITM)	No
50.	Mrs. Nithyashree R	Adaptive traffic control with emergency vehicle prioritization	CSE	International Conference on Research, Engineering,and Advanced Technologies in Computing and Management (iCreate 2025)- Hybrid, Ballari Institute of Technology and Management(BITM)	No
51.	Dr. Kavyasri M N	Disaster Classification and Assessment	CSE	International Conference on Recent Engineering & Technology (ICRET), East West College of Engineering, Bangalore, India	No

52.	Dr. Kavyasri M N	DeepFake Detection: Using ResNet and LSTM	CSE	International Conference on Recent Engineering & Technology (ICRET), East West College of Engineering, Bangalore, India	No
53.	Mrs. Nivyashree R	Smart Advertising using Machine Learning	CSE	Second International Conference on Emerging Technologies in Science and Engineering (ICETSE), Akshaya Institute of Technology, Tumkur, Karnataka	No
54.	Mrs. Shobha Chandra K	Energy-Efficient Optimization in Wireless Sensor Networks Using Hybrid Artificial Bee Colony Algorithm and Firefly Algorithm	CSE	International Conference on Recent Engineering & Technology (ICRET), East West College of Engineering, Bangalore, India	No
55.	Mrs. Shobha Chandra K	Enhancing Student Support With an Rag Powered Chatbot – A Novel Approach to Query Resolution	CSE	International Conference on Recent Engineering & Technology (ICRET), East West College of Engineering, Bangalore, India	No
56.	Dr. Keerthi Kumar H M	A Survey on Leukemia Detection Using Machine Learning and Deep Learning Techniques	CSE	International Conference on Recent Engineering & Technology (ICRET), East West College of Engineering, Bangalore, India	No
57.	Dr. Keerthi Kumar H M	Real Time Sign Language to Test Conversion with Emergency Assistance	CSE	International Conference on Recent Engineering & Technology (ICRET), East West College of Engineering, Bangalore, India	No
58.	Dr. Chandrika J	Advanced Design & Implementation of a CANSAT for environmental Monitoring and Data Transmission,	CSE	First International conference on research communications in Engineering, science 7 Management, ICRCESM -2025, Ramachandra college of Engineering	Yes
59.	Dr. Chandrika. J	Ecotrap: Protecting wildlife- Smart Trap for a greener tomorrow	CSE	International Conference on Recent Engineering & Technology (ICRET), East West College of Engineering, Bangalore, India	No

60.	Dr. Chandrika. J	Determination of blood group using Fingerprint	CSE	International Conference on Recent Engineering & Technology (ICRET), East West College of Engineering, Bangalore, India	No
61.	Dr. Keerthi Kumar H M	HSL Based anomaly detection of Leukemia	CSE	International Conference on Artificial Intelligence in Engineering Systems (ICAIES 2025), Rajeev Institute of Technology, Hassan, India	No
62.	Dr. Keerthi Kumar H M	Real Time Sign Language to Text Conversion with Emergency Assistance	CSE	International Conference on Artificial Intelligence in Engineering Systems (ICAIES 2025), Rajeev Institute of Technology, Hassan, India	No
63.	Dr. Keerthi Kumar H M	Implementation of Hybrid Deep Learning framework for Real time Fake news Detection	CSE	International Conference on Artificial Intelligence in Engineering Systems (ICAIES 2025), Rajeev Institute of Technology, Hassan, India	No
64.	Arjun B C, Swathi H Y	A Comprehensive Review of VertexML: A Model Training Platform	CSE (AI & ML)	International Conference for Emerging Technologies for Multidisciplinary Innovation and sustainability ETMIS 2025	Yes
65.	Megha H C	An aggressive parallel pattern mining algorithm for predicting user behavior in sensor application data	CSE (AI & ML)	International Conference on Electronics & Communication Engineering, ICRRCE-2025 Rajarajeswari College of Engineering	No
66.	Ankitha S	A Hybrid Refactoring Engine Driven by Code Semantics and Developer Intent	CSE (AI & ML)	2025 6th Global Conference for Advancement in Technology (GCAT)	No
67.	Sushma M V	Smart Water Monitoring and Forecasting System Using IOT and Machine Learning	CSE (AI & ML)	International Conference on Smart Systems for Sustainable Development	No
68.	Sushma M V	Neuro-Fuzzy Reinforcement Learning for	CSE (AI & ML)	2025 6th Global Conference for	No

		Personalized Seizure Warning System on Edge Devices		Advancement in Technology (GCAT)	
69.	Yashaswini C R, Ananda Babu J	Comprehensive Evaluation of Sentiment Analysis using Machine Learning Techniques	ISE	2025 3rd International Conference on Data Science and Information System (ICDSIS), Hassan, India	Yes
70.	CG Deepthi, N Jagadisha, GN Govindaraju	Analysis and Prediction of Chronic Kidney Disease Using Machine Learning Techniques	ISE	2025 Third International Conference on Networks, Multimedia and Information Technology (NMITCON), BENGALURU, India	Yes
71.	Dr. Ananda Babu J	Healthy Food Recommendations for User Communities through Trust and Popularity-Aware Aggregation	ISE	2025 KEIS – ITM Web of Conferences 79, ITM University, Gwalior, Madhya Pradesh, India (organised under ITM Web of Conferences 79 by ITM University)	Yes
72.	Dr. Ananda Babu J	MediGlove: Integrating IoT and Machine Learning for Personalized Remote Health Care	ISE	2024 2nd IEEE International Conference on Data Science and Information System, MCE, HASSAN	Yes
73.	Dr. Ananda Babu J	Enactment of Sales Forecasting Application using Artificial Intelligence Techniques	ISE	2024 2nd IEEE International Conference on Data Science and Information System, MCE, HASSAN	Yes
74.	C. M. Naveen Kumar; S. Pradeep; Ananda Babu J; Darshan H D; Charan Gowda H V; Srinivas K L	Smart Drone-Based Surveillance System for Real-Time Dog Detection and Alerts	CSBS	2025 3rd International Conference on Data Science and Information System (ICDSIS), Hassan, India	Yes
75.	K Rajchandar, Somanchi Hari Krishna, Showkat Khalil Wani, Supriya Pathak, Amit Kumar Jain, CM Naveen	Chatbots and Customer Service: Enhancing Marketing Management with AI Technologies	CSBS	2025 International Conference on Pervasive Computational Technologies (ICPCT), Greater Noida, India	Yes

	Kumar				
76.	C M Naveen Kumar; Udayaprasad P K; Delina V M; Lohith K M; Keerthi H B; Poorvika C R	Automated Fruit Sorting System using Computer Vision for Retail & Industry	CSBS	2025 3rd International Conference on Data Science and Information System (ICDSIS), Hassan, India	Yes
77.	C M Naveen Kumar; Ramesh B; Dhanush N; Dimpana T Raj; Biddappa. C K; Bindya S	Artificial Intelligence-Assisted Stress Detection Using Physiological Signals and Wearable Technologies	CSBS	2025 2nd International Conference on Intelligent Algorithms for Computational Intelligence Systems (IACIS), Hassan, India	Yes
78.	Hemaraju B C	A Review on Irradiation Effects on Natural and Synthetic Fiber-Reinforced Polymer Composites: Mechanisms, Property Modifications, and Applications	Physics	International Conference – CONFLUENCE 2025 on "Advancing Sustainability through Multidisciplinary Research and Innovation, GM University, Davanagere, 6th to 8th November 2025.	No
79.	Chaitra S N	AI-Assisted Equivalent Circuit Verification of Ion-Doped PVA Electrolytes: A Comparative Study with Conventional EIS Software	Physics	13th National Conference on Condensed Matter Physics and Applications (CMPA), Manipal	No
80.	Dr. Raju S P	AI-Assisted Equivalent Circuit Verification of Ion-Doped PVA Electrolytes: A Comparative Study with Conventional EIS Software	Physics	13th National Conference on Condensed Matter Physics and Applications (CMPA), Manipal	No
81.	Priya H C	Radiation effect on mechanical properties of hybrid carbon-glass fiber epoxy composites	Physics	International Conference – CONFLUENCE 2025 on "Advancing Sustainability through Multidisciplinary Research and Innovation, GM University, Davanagere, 6th to 8th November 2025.	No
82.	Pradyumma R	Exploaration of heat transport between stretched coaxial cylinder with lattanro-diffusion flux and homogeneous reactions.	Mathematics	6th International Conference on Recent Trends in and Computatioal Mathematics held on October 9 & 10, 2025, REVA University,	No

				Bengaluru	
83.	Roopa G S	Blasius-Rayleig-stokes aggregated flow in a semi-infinite plate: A LMB optimized neural network technique	Mathematics	6th International Conference on Recent Trends in and Computatioal Mathematics held on October 9 & 10, 2025, REVA University, Bengaluru	No
84.	Chandhini K S	Combined effect of MHD and roughness on porous finite journal bearing with slip/ no slip surface.	Mathematics	2nd International Conference on Applied Research in Engineering Science held on 20 & 21 February 2025, Ramaiah Institute of Technology, Bengaluru	Yes
85.	Chaithra C M	Analytical model of electro-mechanical shape memory alloy-based tunable piezoelectric energy harvester with point mass considered at the cantilever tip	Mathematics	2nd International Conference on Applied Research in Engineering Science held on 20 & 21 February 2025, Ramaiah Institute of Technology, Bengaluru	Yes
86.	Kalavathi G K	The combined impact of viscous shear and magnetic field on porous journal bearing	Mathematics	2nd International Conference on Applied Research in Engineering Science held on 20 & 21 February 2025, Ramaiah Institute of Technology, Bengaluru	Yes