3.4.3 Number of research papers per teacher in the Journals notified on UGC website during 2022-23

Sr. No	Title of the Paper	Name of the Author(s)	Department of the Teacher	Name of the Journal	Month and Year of Publication	ISSN	Page Nos.
1	Influence of ultrasonic treatment on the structure and properties of MgAl$_2$O$_4$ particle-stabilized aluminum foams	S. Bhogi, V. Pamidi, J. Nampoothiri, K. R. Ravi, M. Mukherjee	BSH	Materials Science and Engineering A	2022-23	1873-4936	144187
2	Novel In Situ Fabrication of Fe-Doped Zinc Oxide/Tin Sulfide Heterostructures for Visible-Light-Driven Photocatalytic Degradation of Methylene Blue	Govinda Dharmana , Thirumala Rao Gurugubelli , Balaga Viswanadham , Babu Bathula , Kisoo Yoo	BSH	Journal of Chemistry Volume 2023, Article ID 1407395	2022-23	2090-9071	1-13
3	N-BOC protection of amines over mesoporous SBA-15 catalyst at room temperature	Balaga Viswanadham, Dharmana Tejeswararao, Balla Putrakumar	BSH	Journal of Porous Materials	2022-23	1573-4854	713-721
4	Effect of Vanadium on Phosphomolybdic acid structure and Catalytic	Balaga Viswanadham*, Sreekantha B. Jonnalagadda	BSH	Effect of Vanadium on Phosphomolybdic acid structure and Catalytic	2022-23	2667-2847	101068
5	Jute fibre reinforced unsaturated polyesters laminate preparation using eggshell filler	Deepshikha Datta, Dharmana Tejeswara Rao, Deepak K. S., Mahima Mutsuddi, Bimal Das	BSH	Asian Pacific Journal of Chemical Engineering	2022-23	1932-2143	1-13
6	Synthesis of Quinoline Derivatives Using Double Perovskite Bi1.97Eu 0.03MoO6 Heterogeneous Nanocatalyst	D. Tejeswara Rao, P. Seetharam	BSH	Russian Journal of Organic Chemistry	2022-23	1070-4280	1042-1047
7	Kaluza-Klein FRW Tsallis holographic dark energy model in scalar-tensor theory of gravitation	Dasunaidu, K., Aditya, Y., Sreenivasa Rao, V.	BSH	Bulgarian Astronomical Journal	2022-23	1313-2709	1-39
8	UTILIZING FIXED POINT METHODS IN MATHEMATICAL MODELLING	Dasu naidu Kuna., Kalla, K.S., Panda, S.K.	BSH	Nonlinear Functional Analysis and Applications	2022-23	1229-1595	473-495
9	Numerical simulations and complex valued fractional order neural networks via $(\varepsilon - \mu)$-uniformly contractive mappings	Sumati Kumari Panda , Kumara Swamy Kalla , A.M. Nagy , Limmaka Priyanka ,	BSH	Chaos, Solitons and Fractals, 173 (2023), Article ID:113738	2022-23	0960-0779	113738
10	Design and Analysis of Suspended Core Photonic Crystal Fiber Formed by Semicircular Air Holes Near the Core	M. P. Srinivasa Rao, Vivek Singh and Sanjeev Sharma	BSH	International Journal Of Microwave And Optical Technology	2022-23	1553-0396	1-18
11	Review of Recent Developments in the Fabrication of ZnO/CdS Heterostructure Photocatalysts for Degradation of Organic Pollutants and Hydrogen Production	Santhosh Kumar Nadikatla , Vinod Babu Chintada , Thirumala Rao Gurugubelli , and Ravindranadh Koutavarapu	BSH	molecules	2022-23	1420-3049	4277
12	NUMERICAL RESULTS OF BINGHAM NONNEWTONIAN METHOD FLUID FLOW IN THE ENTRANCE PART OF CONCENTRIC ANNULI ALONG WITH OUTER WALL ROTATION	Gayathri devi Nangineni, N. Sinivasa Rao and M. Venkata Subba Rao	BSH	European Chemical Bulletin	2022-23	2063-5346	1080-1100
13	Anisotropic cosmological model with a massive scalar field in f(R,T) gravity	Y.Aditya	BSH	Bulgarian Astronomical Journal, Bulgarian Academy of Sciences	2022-23	1314-5592	1-13
14	Study of FRW Type Kaluza-Klein Domain Wall Cosmological Models in the Presence of Massive Scalar Field in a Modified Gravity	V. Sreenivasa Rao, V. Ganesh, K. Dasunaidu, Y. Aditya, D.R.K. Reddy	BSH	Journal of Dynamical Systems and Geometric Theories, Taylor \& Francis, 20:2, 227-247	2022-23	2169-0057	227-247
15	A stochastic process of software fault detection and correction for business operations	D. Srinivasa Kumar, Akuthota Sankar Rao, Nellore Manoj Kumar, N. Jeebaratnam, M. Kalyan Chakravarthi , S. Bhargavi Latha	BSH	Journal of High Technology Management Research	2022-23	1047-8310	100463
16	Bio-sorption of As(V) from Aqueous Solutions by Thuja Occidentalis Leaves Activated Carbon@Al Embedded Material	V. Dhilleswara Rao and M. Lakshmiprasadb	BSH	physical chemistry research	2022-23	2345-2625	287-297
17	EFFECT OF YTTRIUM DOPING ON THE CRYSTAL STRUCTURE, OPTICAL, AND PHOTOCATALYT IC PROPERTIES OF HYDrothermally synthesized ZnO nanorods	Dhilleswara Rao Vaddi, Khidhirbrahmendra Vinukonda, Ranjit Kumar Patnala, Yuvaraju Kanithid, Thirumala Rao Gurugubelli, Jaehyun Baef, Ravindranadh Koutavarapu, Dong-Yeon Leef,, Jaesool Shimg	BSH	MATERIALS SCIENCE & ENGINEERING B	2022-23	1873-4944	116664
18	Revisiting generalized Caputo derivatives in the context of two-point boundary value problems with the p-Laplacian operator at resonance	yassine Adjabi,Fahd Jarad,Mokhtar Bouloudene and Sumati Kumari Panda	BSH	Boundary Value Problems	2022-23	1687-2770	62
19	EXISTENCE RESULTS AND NUMERICAL STUDY ON NOVEL CORONAVIRUS 2019-NCOV/ SARS-COV-2 MODEL USING DIFFERENTIAL OPERATORS BASED ON THE GENERALIZED MITTAG-LEFFLER KERNEL AND FIXED POINTS	SUMATI KUMARI PANDA,ABDON ATANGANA,THABET ABDELJAWAD	BSH	Fractals	2022-23	0218-348X	2240214
20	Solving existence results in multi-term fractional differential equations via fixed points	Sumati Kumari Panda , Kottakkaran Sooppy Nisar , , Velusamy Vijayakumar , Bipan Hazarika	BSH	RESULTS IN PHYSICS	2022-23	2211-3797	106612

	Title	Author	Dept	Journal	Year	ISSN	Pages
21	Chaotic attractors and fixed point methods in piecewise fractional derivatives and multi-term fractional delay differential equations	Sumati Kumari Panda , Thabet Abdeljawad , Fahd Jarad	BSH	RESULTS IN PHYSICS	2022-23	2211-3797	106313
22	A fixed point theorem using condensing operators and its applications to Erdélyi–Kober bivariate fractional integral equations	Anupam DAS, Mohsen RABBANI, Bipan HAZARIKA, Sumati Kumari PANDA	BSH	Turkish Journal of Mathematics	2022-23	1300-0098	2513-2529
23	Applications of Machine Learning and Auxilliary Tumor Treatment in the process of Medical Resource Allocation	Dr. V Prasad	CSE	ECS Transaction	2022-23	1938-5862	19949
24	Real-time fire detection based on CNN and inception V3 algorithms	Mrs. Ashapu Bhavani	CSE	International Journal of Health Sciences	2022-23	1791-4299	1-5
25	Review: heart diseases detection by machine learning classification algorithms	Mrs. Ashapu Bhavani	CSE	Journal of Harbin Institute of Technology (New Series)	2022-23	1005-9113	1-8
26	Symptom Based COVID-19 Test Recommendation System Using Machine Learning Technique	Dr.Lakshmana Rao	CSE	Intelligent Decision Technologies	2022-23	1875-8843	181-191
27	FWLICM-Deep Learning: Fuzzy Weighted Local Information C-Means Clustering-Based Lung Lobe Segmentation with Deep Learning for COVID-19 Detection	Dr R Cristin	CSE	Journal of Digital Imaging	2022-23	1618-727X	1-10
28	Glaucoma detection using hybrid architecture based on optimal deep neuro fuzzy network	Dr R Cristin	CSE	International Journal of Intelligent Systems	2022-23	1098-111X	113-116
29	Brain MRI Images Classifications with Deep Fuzzy Clustering and Deep Residual Network	Dr R Cristin	CSE	International Journal of Computational Methods	2022-23	0219-8762	1-6
30	FSPBO-DQN: SeGAN based segmentation and Fractional Student Psychology Optimization enabled Deep Q Network for skin cancer detection in IoT applications	Dr M Satish	CSE	Artificial Intelligence in Medicine	2022-23	0933-3657	102299
31	MLSELM: Multi-layer Stacked Ensemble Learning Model to detect phishing websites	Dr.Lakshmana Rao	CSE	IEEE Access	2022-23	2169-3536	3194672
32	Two-stage lung nodule detection framework using enhanced UNet and convolutional LSTM networks in CT images	Dr. S.Akila Agnes	CSE	Computers in Biology and Medicine	2022-23	0010-4825	106059
33	Ransomware recognition in blockchain network using water moth flame optimization-aware DRNN	Dr R Cristin	CSE	Concurrency and Computation: Practice and Experience	2022-23	1532-0634	1-40
34	Prediction of Brinjal Plant Disease Using Support Vector Machine and Convolutional Neural Network Algorithm Based on Deep Learning	Dr A Venkataramana	CSE	Journal of Mobile Multimedia	2022-23	1550-4646	1-7
35	Covid-19 classification using sigmoid based hyper-parameter modified DNN for CT scans and Chest X-rays	Dr K.Srividya	CSE	Multimedia tools and applications	2022-23	1573-7721	12513-12536
36	Detection of Lung Cancer from X-ray Images using Deep Learning - A Survey	Mrs.Someswari Perla	CSE	Neuro Quantology Journal	2022-23	1303-5150	5351-5355
37	Covid-19 and Viral Pneumonia Chest X-ray images Classification using a Deep Learning based Learning Model	Mrs. N. Lakshimi Devi	CSE	Neuro Quantology Journal	2022-23	1303-5151	601-608
38	Smoke and Fire Detection using Deep Learning: A Review	Mrs. P. Suniti	CSE	International Journal of Advanced Research in Science, Communication and Technology	2022-23	2581-9429	2581-9429
39	Image tampering detection in image forensics using earthworm-rider optimization.	Dr R Cristin	CSE	Concurrency and Computation: Practice and Experience	2022-23	1532-0634	1-5
40	Feedback Artificial Tree-Anti Corona Virus Optimization enabled deep learning for detecting autism spectrum disorder	Dr M Satish	CSE	Expert Systems	2022-23	1468-0394	1-8
41	Autoregressive-Elephant Herding Optimization based Generative Adversarial Network for copy-move forgery detection with Interval type-2 fuzzy clustering	Dr M Satish	CSE	Signal Processing: Image Communication	2022-23	1879-2677	1-5
42	ASCA-squeeze net: Aquila sine cosine algorithm enabled hybrid deep learning networks for digital image forgery detection	Dr Balajee Maram	CSE	Computers and Security	2022-23	1872-6208	1-5
43	A hybrid neural network and optimization algorithm for forecasting and trend detection of Forex market indices	Mrs P Someshwari Perla	CSE	Decision Analytics Journal	2022-23	2772-6622	1-41
44	MSRFNet for skin lesion segmentation and deep learning with hybrid optimization for skin cancer detection	Mrs. Yanda Nagamani	CSE	The Imaging Science Journal	2022-23	1368-2199	616-635
45	Histo-Quartic Graph and Stack Entropy-Based Deep Neural Network Method for Brain and Tumor Segmentation	Dr K.Srividya	CSE	Neural Processing Letters	2022-23	1573-773X	7603-7625
46	Autism spectrum disorder classification using Adam war strategy optimization enabled deep belief network	Dr Satish M	CSE	Biomedical Signal Processing and Control	2022-23	1746-8094	104914
47	NOMA based Multiuser Detection in Multiple Access Systems Over Rayleigh Fading Channel	Dr. Guntu Nooka Raju, Dr M Sreedhar, Dr PMK Prasad	ECE	OPTOELECTRONICS LASER	2022-23	1005-0086	1-10

48	Design of Compact Bow Tie Patch Antenna with Defected Concentric Rings on Ground for Wireless Communications	Ketavath Kumar Naik, Ravikumar Palla, S. Sandhya Rani, B. V. S. Sailaja	ECE	wireless personal communications	2022-23	1572-834X	2891-2903
49	A Triple-Band Reflective Polarization Conversion Metasurface with High Polarization Conversion Ratio for Ism and X-Band Applications	Badisa Anil Babu , Boddapati Taraka Phani Madhav, Sudipta Das, Niamat Hussain	ECE	SENSORS	2022-23	1424-8220	8213
50	A Predictive Framework for Detection of Corona Virus based on Transfer Learning Approach	A.Sivasangari	ECE	Journal of Pharmaceutical Negative Results	2022-23	0976-9234	645
51	Covid-19 classification using sigmoid based hyper-parameter modified DNN for CT scans and chest X-rays	Anil kumar B, K Srividya, A Mary Sowjanya	ECE	Multimedia Tools and Applications	2022-23	1380-7501	12513-12536
52	LOW POWER 4-BIT FLASH ANALOG TO DIGITAL CONVERTER FOR HIGH-SPEED APPLICATIONS	P V Murali Krishna	ECE	Journal of Emerging Technologies and Innovative Research	2022-23	2349-5162	e61
53	CNN – Based Automated Covid-19 Detection From Chest X-Ray Images	Kumili Hariprasad, Palepu Balaji Satya Ashirvaad, Akkena Moksha, Nadella Sony Sri Chaitanya, Podilapu Vamsi Krishna, Thota Stella Chandini, Telagarapu Prabhakar	ECE	International Journal of Food and Nutritional Sciences	2022-23	2320 –7876	267
54	Design of electromagnetic cloak with sequentially connected rectangular split ring resonators for S-band applications	Anil Badisa	ECE	AIMS Electronics and Electrical Engineering	2022-23	2578-1588	385-396
55	Mobile-Based Selfie Sign Language Recognition System (SSLRS) Using Statistical Features and ANN Classifier	Rao G.A., Syamala K., Divakar T.V.S	ECE	Smart Innovation, Systems and Technologies	2022-23	2190-3026	361-375
57	Design and Development of Polymer-Based Optical Fiber Sensor for GAIT Analysis	Hema, M., Suman, J.V., Kumar, B.K., Haile	ECE	International Journal of Polymer Science	2022-23	1687-9422	1-13
58	Miniaturized Wearable Antenna with Reduced Specific Absorption Rate and Enhanced Bandwidth	Palla, R., Gopi, D., Narsupalli, S.R	ECE	SN Computer Science	2022-23	2661-8907	355
59	Deep Sea Communication Networks for the Safety and Sustainability of Fishermen in India: A Survey	Srinivasa Rao, D., Rajasekhar, C	ECE	Disaster Advances	2022-23	2278-4543	5
60	Design and Development of Efficient SRAM Cell Based on FinFET for Low Power Memory Applications	Rao, M.V.N., Hema, M., Raghutu, R., Nuvvula, R.S.S., Kumar, P.P., Colak, I., Khan, B	ECE	Journal of Electrical and Computer Engineering	2022-23	2090-0147	1-13
61	An In-Depth Analysis Of India's Development Of Renewable Energy Technologies In Comparison To Other Leading Nations That Rely On Renewable Energy	M. Vinay Kumar	EEE	Neuroquantology	2022-23		283-290
62	A Grid-Connected Solar PV/Wind Turbine Based Hybrid Energy System Using ANFIS Controller for Hybrid Series Active Power Filter to Improve the Power Quality	Ramakrishna S S Nuvvula	EEE	International Transactions on Electrical Energy Systems	2022-23		1-14
63	Voltage Profile Analysis in Smart Grids Using Online Estimation Algorithm	Ramakrishna S. S. Nuvvula	EEE	Journal of Electrical and Computer Engineering	2022-23		1-9
64	A Novel High-Efficiency Multiple Output Single Input Step-Up Converter with Integration of Luo Network for Electric Vehicle Applications	Ramakrishna S. S. Nuvvula	EEE	International Transactions on Electrical Energy Systems	2022-23		1-13
65	Two-Degree-of-Freedom Tilt Integral Derivative Controller based Firefly Optimization for Automatic Generation Control of Restructured Power System	Ramana Pilla	EEE	Int. J. Computer Applications and Technology	2022-23	0952-8091	1
66	Performance Evaluation of Fuzzy One Cycle Control Based Custom Power Device for Harmonic Mitigation	Ramana Pilla	EEE	International Journal of Electrical & Electronics Research	2022-23		
67	Intelligent Intrusion Detection System for VANET Using Machine Learning and Deep Learning Approaches	Danalakshmi Durairaj	EEE	Wireless Communications and Mobile Computing	2022-23		
68	Parameter estimation of solar PV models with quantum-based avian navigation optimizer and Newton–Raphson method	Ayyarao, Tummala SLV	EEE	Journal of Computational Electronics	2022-23		
69	SIMULATION OF CLOSED LOOP CONTROLLED PEMFC FED BOOST CONVERTER,	J S V SIVA KUMAR	EEE	NEUROQUANTOLOGY,	2022-23	1303-5150	
70	Design and simulation of converter for fuel cell operated vehicle with hybrid modulation	J S V SIVA KUMAR	EEE	NEUROQUANTOLOGY,	2022-23	1303-5150	
71	Simulation Of Electric Vehicle With Ftp75 Drive Cycle	Dr.J.S.V. Siva Kumar	EEE	International Journal For Innovative Engineering and Management Research	2022-23		
72	Implementation of Onload Tap changer in Power System	Hemanth kumar	EEE	Neuro Quontology	2022-23	1303-5150	
73	voltage stability improvement in power systems using onload tap changer	Hemanth kumar	EEE	Neuro Quontology	2022-23	1303-5150	
74	Voltage Stability Indicators for Prognosticationof Voltage Collapse in thePowerSystem	M.Rambabu	EEE	NEUROQUANTOLOGY,	2022-23	1303-5150	
75	Fault analysis of photovoltaic based DC microgrid using deep learning randomized neural network	Ravi Kumar Jalli	EEE	Applied Soft Computing	2022-23	1568-4946	
76	Short-Time Wind Power Prediction using Hybrid Kernel Extreme Learning Machine	Mishra, S. P	EEE	International Journal of Power Electronics	2022-23		

	Title	Author		Dept	Journal		Year	ISSN	
77	HVDC Converters with Integrated Offshore Wind Farms Under Nonlinear Control	Rajesh Kumar Patnaik		EEE	NEUROQUANTOLOGY,		2022-23	1303-5150	
78	Development Of a Prototype Electric Buggy Model Based on A Channelled Wind Turbine and Solar PV	Rajesh Kumar Patnaik		EEE	NEUROQUANTOLOGY,		2022-23	1303-5150	
79	Fault Current Characterization using Regression for Solar PV based DC Microgrid	T S Kishore		EEE	International Journal For Innovative Engineering and Management Research		2022-23	2456-5083	
80	Performance Evaluation of Hydro Power Projects in India Using Multi Criteria Decision Making Methods	Vasupalli Manoj		EEE	Ecological Engineering & Environmental Technology		2022-23	2719-7050	
81	Economic and CDM benefits of Assimilating a Biogas and Canal Based Small Hydropower Plant into an Existing Hybrid Power System	T S Kishore,		EEE			2022-23		
82	Implementation of Third Harmonic Injection Method to 5 Level Diode Clamp MLI with DC-DC Converter	G. Indira Kishore		EEE	Journal of Optoelectronics Laser		2022-23		
83	Controlling Three Level Diode Clamp Inverter With DC-DC Converter In Standalone Application	G. Indira Kishore		EEE	Journal of Neuro Quantology		2022-23		
84	Performance Enhancement of Doubly Fed Induction Generator–Based Wind Farms With STATCOM in Faulty HVDC Grids	Lagudu Venkata Suresh Kumar		EEE	Frontiers in Energy Research		2022-23	2296-598X	
85	The Potential Role of PV Solar Power System to Improve the Integration of Electric Energy Storage System	RK Patnaik		EEE	International Journal of Photoenergy		2022-23		
86	Optimal Operation of an Integrated Hybrid Renewable Energy System with Demand-Side Management in a Rural Context	Polamarasetty P Kumar		EEE	Energies Journal		2022-23		
87	Performance Analysis of a Permanent Magnet Brushless dc motor with ANFIS and PSO-PID Controllers	Ramakrishna Raghutu		EEE	NeuroQuantology		2022-23		
88	Enhanced LFC Coordination to Improve Micro- Grid Power System Stability by the Application of GWO-PID Controllers in Conjunction with the Penetration of Renewable	Ramakrishna Raghutu		EEE	NeuroQuantology		2022-23		
89	Change Detection Filter Technique (CDFT) based fault analysis of hvdc tranmission line	Rajesh Babu Damala		EEE	World Journal of Engineering		2022-23	1708-5284	
90	A Simple Decision Tree-Based Disturbance Monitoring System for VSC-based HVDC Transmission Link Integrating a DFIG Wind Farm	Rajesh Babu Damala		EEE	Protection and Control of Modern Power systems		2022-23	2367-0983	
91	Frequency regulation of hybrid power system using firefly algorithm	Ramana Pilla		EEE	Int. J. Innovative Computing and Applications		2022-23	1751-6498	
92	Design and analysis of PV fed high-voltage gain DC-DC converter using PI and NN controllers	N.S.S. Ramakrishna		EEE	Ain Shams Engineering Journal		2022-23		
93	A Review of Fault Analysis of the HVDC Transmission System	Damala Rajesh Babu		EEE	International Journal of Research Publication and Reviews		2022-23	2582-7421	
94	A Review on Vehicle to Grid Integration Using Renewable Energy Sources and Electric Vehicles	Damala Rajesh Babu		EEE	International Journal of Research Publication and Reviews		2022-23	2582-7421	
95	Mitigation of supply current harmonics in fuzzy-logic based 3-phase induction motor	Karthick Kanagarathinam		EEE	International Journal of Power Electronics and Drive Systems (IJPEDS)		2022-23	2088-8694	
96	Environmental Impacts of the Solar Photovoltaic Systems in the Context of Globalization	Vinay Kumar M		EEE	Ecological Engineering and Environmental Technology		2022-23		
97	Identification of Dry Bean Varieties Based on Multiple Attributes Using CatBoost Machine Learning Algorithm	Karthick Kanagarathinam		EEE	Scientific Programming		2022-23	1875-919X	
98	A Design and Development of the Smart Forest Alert Monitoring System Using IoT	Polamarasetty P. Kumar		EEE	Journal of Sensors		2022-23	1687-7268	
99	Impact of Stator Slot Shape on Cogging Torque of PMBLDC Motor	Karthick Kanagarathinam		EEE	International Journal of Electrical and Electronics Research (IJEER),		2022-23	2347-470X	
100	Reduction of High Dimensional Noninteger Commensurate Systems Based on Differential Evolution	Kumar, P.p		EEE	International Transactions on Electrical Energy Systems		2022-23	2050-7038	
101	Hybrid MDA-ANFIS approach based control of grid connected solar system with nine level inverter wind energy conversion	G.Chandra Sekhar		EEE	International Review of Applied Sciences and Engineering		2022-23	2063-4269	
102	Intrusion detection using optimized ensemble classification in fog computing paradigm	T. Daniya		IT	Knowledge-Based Systems		2022-23	0950-7051	
103	Network Intrusion Detection and Mitigation Using Hybrid Optimization Integrated Deep Q Network	T. Daniya		IT	Cybernetics and Systems		2022-23	0196-9722	

104	Review and Analysis of Techniques to Mitigate Sub Synchronous Resonance using FACTS Devices	Mrs. T. Dania	IT	2022 International Virtual Conference on Power Engineering Computing and Control: Developments in Electric Vehicles and Energy Sector for Sustainable Future (PECCON)	2022-23		
105	Wheel Chair Movement through Eyeball Recognition Using Raspberry Pi	Yalla, Surya Prakash, Archana Uriti, and Abhisek Sethy	IT	Specialusis Ugdymas	2022-23	1392-5369	
106	Detection of Glaucoma Using Deep Learning Techniques: Literature Survey	Hari Krishna Marrapu	IT	Specialusis Ugdymas	2022-23	1392-5369	
107	Text SummarizationAdaptive Models for Semantic Relevance Information: A Survey	Ajit Kumar Rout,	IT	Specialusis Ugdymas	2022-23	1392-5369	
108	A Study on Deep learning Approaches for Mood Based Music Endorsement Systems	P. Kanchanamala	IT	Neuro Quantology	2022-23	1303-5150	
109	Design and Development of a Digital Preservation Voice Enabled Application for Cultural Heritage Towards Fishing in Vernacular Language	T. Daniya	IT	Pervasive Computing and Social Networking	2022-23		
110	Dual Image-Based High Quality Digital Image Watermarking	T. Daniya	IT	In Smart Technologies for Power and Green Energy	2022-23		
111	Analysis of Road Accidents Prediction and Interpretation Using KNN Classification Model	T. Daniya	IT	Emerging Technologies in Data Mining and Information Security	2022-23		
112	A Framework for Weed Detection in Agricultural Fields Using Image Processing and Machine Learning Algorithms.	T. Daniya	IT	In 2022 International Conference on Intelligent Controller and Computing for Smart Power (ICICCSP)	2022-23		
113	Survey on Personalized Healthy Diet Recommendation System Using Machine Learning	Marrapu Hari Krishna,	IT	Neuro Quantology	2022-23	1303-5150	
114	Digital Signatures and EIGamal Scheme Integration for Secure Data Transmission in Digital Transaction A Survey	Y. Surya Prakash	IT	International Conference on Agumented Intelligence and Sustainable Systems(ICAISS-2022)IEEE, CARE College of Engineering,November 24-26 2022,Tirchy, India.	2022-23		
115	Adaptive MLELM-AE model for efficient prediction of stock market data.	Ajit Kumar Rout, Abhisek Sethy	IT	Journal of Statistics and Management Systems	2022-23	2169-0014	
116	GUI implementation of modified and secure image steganography using least significant bit substitution	Yalla, S.P., Uriti Archana., A. Sethy	IT	International Journal of Safety and Security Engineering	2022-23	2041-9031	
117	Text Classification Using Machine Learning Techniques	K.Santoshi	IT	SPECIALUSIS UGDYMAS	2022-23	Volume 43	
118	Automatic web Based Evaluator of Programming Assignments-Arevie	K.Santoshi	IT	An InterDesciplinary Journal of NeuroScience and Quantum Physics	2022-23	13035150	
119	Automated Machine Learning Based Malaria Parasite Detection and Classification (AML-MPDC) Technique Using Blood Smear Images	Padmavathi Pragada	IT	NEURO QUANTOLOGY	2022-23	eISSN1303-5150	
120	Graphical Interface for Market Asset Pricing Estimation With LSTM	Padmavathi Pragada	IT	Journal of Pharmaceutical Negative Results	2022-23	1348-1364	
121	Survey on Machine Learning Based Intrusion Detection System	Ashutosh KumarChoudhary	IT	NEURO QUANTOLOGY	2022-23	eISSN1303-5150	
122	"Shuffled shepherd social optimization based deep learning for rice leaf disease classification and severity percentage prediction.	Daniya, T	IT	Concurrency & Computation Practice	2022-23	1532-0634	
123	A novel Moore-Penrose pseudo-inverse weight-based Deep Convolution Neural Network for bacterial leaf blight disease detection system in rice plant	Daniya, T	IT	Advances in Engineering Software	2022-23	0965-9978	
124	Hybrid optimization enabled deep learning and spark architecture using big data analytics for stock market forecasting	Pendela Kanchanamala	IT	Concurrency & Computation Practice	2022-23	1532-0634	
125	Traffic sign detection using Deep learning techniques,	T. Daniya	IT	2023 Third International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies (ICAECT), Bhilai, India, 2023	2022-23	23123077	
126	Evolution of Low - Power Blockchain Technology by using Iterative Sharding for IoT Environment,	Ashutosh KumarChoudhary	IT	2022 OPJU International Technology Conference on Emerging Technologies for Sustainable Development (OTCON), Raigarh, Chhattisgarh, India	2022-23	23117301	
127	Game Automation System Based on Computer Vision	P.Srihari	IT	2nd International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2023	2022-23	23001227	
128	A Study on Weather based Crop Prediction System using Big Data Analytics and Machine Learning,"	T. Daniya	IT	5th International Conference on Smart Systems and Inventive Technology (ICSSIT), Tirunelveli, India, 2023	2022-23	22776906	

129	Automatic Bidirectional Conversion of Audio and Text: A Review from Past Research	P. Pooja	IT	312 22nd International Conference on Intelligent Systems Design and Applications, ISDA 2022;	2022-23	
130	Design of an Efficient Multidomain Augmented Data Aggregation Model to Solve Heterogeneity Issues for IoT Deployments	Ashutosh KumarChoudhary	IT	Proceedings of the 2nd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2023.	2022-23	23243358
131	A Survey on Machine Learning Techniques to Detect Breast Cancer	P. Pooja	IT	Proceedings of the 2nd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2023	2022-23	23243387
132	Machine Learning Model for Awareness of Diet Recommendation	Ajit Kumar Rout,	IT	6th International Conference on Inventive Computation Technologies, ICICT 2023 – Proceedings 2023, Pages 96-101	2022-23	23204198
133	Recognition and Processing of phishing Emails Using NLP: A Survey	Anilkumar, C., Karrothu, A	IT	International Conference on Computer Communication and Informatics, ICCCI 2023; Coimbatore; India	2022-23	23162861
134	Optical Character Recognition and Text to Speech Generation System using Machine Learning	P, Padmavathi	IT	2023 2nd International Conference on Applied Artificial Intelligence and Computing (ICAAIC)	2022-23	23243482
135	Deep Learning based Web App for Malaria Parasite Detection in Granular Blood Samples	K.Santoshi	IT	2nd International Conference on Applied Artificial Intelligence and Computing (ICAAIC), Salem, India, 2023	2022-23	23243321
136	Recognition of Handwritten Digit Using Neural Networks	K.Santoshi	IT	2022 IEEE 2nd International Symposium on Sustainable Energy, Signal Processing and Cyber Security (iSSSC), Gunupur, Odisha, India	2022-23	22723754
137	Design of a blockchain-based secure and efficient ontology generation model for multiple data genres using augmented stratification in the healthcare Industry	Ashutosh KumarChoudhary	IT	Signal Video and Image Processing	2022-23	1863-1711
138	DQNANFCT: design of a deep Q-learning network for augmented network forensics via integrated contextual trust operations"International Journal of Information Technology	Ashutosh KumarChoudhary	IT	International Journal of Information Technology	2022-23	2511-2112
139	Adaptive MLELM-AE model for efficient prediction of stock market data, Journal of Statistics and Management	Ajit Kumar Rout,	IT	Journal of Statistics and Management Systems	2022-23	2169-0014
140	Machine learning in biohydrogen production: a review	Alagumalai, A., Devarajan, B., Song, H., Wongwises, S., Ledesma-Amaro, R., Mahian, O., Sheremet, M. and Lichtfouse, E.	ME	Biofuel Research Journal	2022-23	2292-8782
141	Thinking Through Art–A creative insight into mechanical engineering education	Sharma, G.V.S.S. and Kumar, S.	ME	Thinking Skills and Creativity	2022-23	1871-1871
142	Experimental Investigation on Free Convective Heat Transfer Performance of Oxide Nanofluids Along a Vertical Cylinder	Babu, S.R., Kumar, P.P., Basha, S.A. and Rao, M.M.	ME	Ecological engineering & environmental technology	2022-23	2719–7050
143	Experimental Pool Boiling Heat Transfer Analysis with Copper–Alumina Micro/Nanostructured Surfaces Developed by a Novel Electrochemical Deposition Technique	Gupta, S.K. and Misra, R.D.	ME	International Journal of Thermophysics	2022-23	1572-9567
144	Enhancement of heat dissipation capacity with the application of nano fluids in an internal cooling system	Puvvada, N.L.P., Ronanki, P. & Gupta, M.S.	ME	International Journal on Interactive Design and Manufacturing	2022-23	
145	Effect of Spark Plasma Sintering Temperature on Phase Evaluation and Mechanical Behaviour of cu- 4 Wt% SiC Composite	Venkatesh, V.S.S., Rao, R.N. & Patnaik, L.	ME	Silicon	2022-23	1876-9918
146	Development of Steer-By-Wire Electronic Automotive Steering System	Burada Jyothi, Marpina Akhila, Ganta Abhishek, Gollangi Shanmukharao, Boddanam Narendra Kumar, Deverakonda Rohith, Dr.C.L.V.R.S.V Prasad	ME	European Chemical Bulletin	2022-23	2063-5346
147	A Review on Biodiesel Production from Jatropha Oil and Its Characterization Techniques	V. Rambabu, Kottakota Chandramouli, Karri Pavan Kumar, Vommu Venkata Lokendra Mukesh, Gudivada Sai Yeswanth, Mugada Venkatesh Kiran, Illa Pavan	ME	European Chemical Bulletin	2022-23	2063-5346
148	Processing and evaluation of nano SiC reinforced aluminium composite synthesized through ultrasonically assisted stir casting process	V.S.S. Venkatesh, Ganji Prabhakara Rao , Lokeswar Patnaik, Nakul Gupta, Sunil Kumar, Kuldeep K. Saxena, B.D.Y. Sunil, Sayed M. Eldin, Fatima Hiader Kutham Al-kafaji	ME	Journal of Materials Research and Technology	2022-23	2238-7854

149	Preparation and characterization of a novel natural fiber based composite for dental implants	Dr. M. Srinivasa Rao, Dr. PSV. Narayana	ME	Journal of Pharmaceutical Negative Results	2022-23	2229-7723	
150	Design and Development of Smart Irrigation System Using Internet of Things (IoT) - A Case Study	G. Sasi Kumar, G. Nagaraju, D. Rohith and A. Vasudevarao	ME	Nature Environment and Pollution Technology	2022-23	2395-3454	
151	Effect of changing injection pressure on Mahua oil and biodiesel combustion with CeO2 nanoparticle blend on CI engine performance and emission characteristics	K. Simhadri, P. Srinivasa Rao, M.K. Paswan	ME	International Journal of Hydrogen Energy	2022-23	0360-3199	1-28
152	Characterization of microwave sintered aluminium composite reinforced with hydroxyapatite extracted from rihu fish scales	Venkatesh, V.S.S., Prasad, K., Deoghare, A.B.	ME	Archives of Metallurgy and Materials	2022-23	1733-3490	617-624
153	Susceptor-Assisted Rapid Microwave Sintering of Al-Kaolin Composite in a Single-Mode Cavity	Venkatesh, Sunil Kumar, K., Lokeswar Patnaik	ME	Archives of Metallurgy and Materials	2022-23	1733-3490	799-806
154	Influence of microwave sintering temperatures on mechanical and microstructural Behavior of Al/SiC/snail shell hybrid composite synthesized through powder metallurgy technique	Vavilada Satya Swamy Venkatesh, Rajamalla Narasimha Rao	ME	Proceedings of the institution of mechanical engineers part c-journal of mechanical engineering science	2022-23	0954-4062	1-12
155	High Thermal Conductivity Polymer Composites Fabrication through Conventional and 3D Printing Processes: State-of-the-Art and Future Trends	T. R. Vijaybabu, T. Ramesh, Suman Pandipati, Sujit Mishra, G Sridevi, C Pradeep Raja, Rhoda Afriyie Mensah, Oisik Das, Manjusri Misra, Amar Mohanty,and Karthik Babu NB	ME	Macromolecular Materials and Engineering	2022-23	1439-2054	1-19
156	Assessment of Al2O3-JME nano emulsion blends influence on Variable Compression Ratio	Seela Chiranjeeva Rao, Ravi Sankar B	ME	International Journal of Energy, Environment, and Economics	2022-23	1054-853X	
157	Natural energy materials and storage systems for solar dryers: State of the art	Bade Venkata Suresh, Yegireddi Shireesha, Teegala Srinivasa Kishore, Gaurav Dwivedi, Ali Torabi Haghighi, Epari Ritesh Patro	ME	Solar Energy Materials and Solar Cells	2022-23	0927-0248	
158	Spatial visualization for development of visual thinking and cognitive abilities among mechanical engineering students through tool design ideation	Gummaluri Venkata Surya Subrahmanya Sharma	ME	International Journal of Mechanical Engineering Education	2022-23	2050-4586	
159	Advancments in the Production and Properties of Aluminum Metal Matrix Composites : A Review of Stir Casting Route and Parametric Effects	Dr.M.Vykunta Rao, N.Devika, P.Stephen Daniel, P.Srikanth, R.Sanjay, S.Sravani	ME	Industrial Engineering Journal	2022-23	0970-2555	
160	Design and Fabrication of Solar Grass Cutter Using Arduino	Dr.G.Sasi Kumar, R.Manikanta, N.Praveen Kumar, N.Lakshman, S.Rajeesh, M.Vijay	ME	Industrial Engineering Journal	2022-23	0970-2555	
161	Design and Fabrication of agricultural pesticide sprayer machine", Industrial Engineering Journal	P. Gowri Sankar, Simhachalam. T, P. Ganesh, P. Sai Krishna Dileep, Ch. Vinay Aditya, S. Nikesh, Dr. G. Janardhan	ME	Industrial Engineering Journal	2022-23	0970-2555	
162	Modeling of Nanolubricant-Assisted Machining Process by using Multiple Regression Analysis	Srikiran, S., P. N. L. Pavani, and Kumaran Palani	ME	Journal of Nanomaterials	2022-23	1687-4129	
163	Green synthesis of silver nanoparticles from Aspergillus flavus and their antibacterial performance	Gopa, Dinesh Reddy and Pullapukuri, Kalyani	ME	Chemical Product and Process Modeling	2022-23	1934-2659	
164	Effect of SiC and TiC Reinforcements on the Mechanical Properties of ZrB2-SiC- TiC Hybrid Composite Fabricated Through Spark Plasma Sintering	V. S. S. Venkatesh, Kalapala Prasad and Lokeswar Patnaik	ME	Silicon	2022-23	1876-9918	
165	Effect of transition and eccentricity ratios on load bearing ability and speed in journal bearings utilized in marine propulsion systems	G. D. Reddy, L. S. V Prasad, and P. K. Sarma	ME	AIP Conf. Proc.	2022-23	1551-7616	
166	Performance Analysis and Recent Study of Powder Mixed EDM and Powder Mixed Wire-EDM –A Review	Bappa Mondal, Debayan Mondal, Ambarish Maji	ME	NeuroQuantology	2022-23	1303-5150	
167	A Brief Review on the Machinability of Micro EDM, Wire cut-EDM, and Die Sink EDM	Ambarish Maji, Bappa Mondal, Debayan Mondal	ME	NeuroQuantology	2022-23	1303-5150	
168	Nano-engineered pathways for advanced thermal energy storage systems	Alagumalai, A., Yang, L., Ding, Y., Marshall, J.S., Mesgarpour, M., Wongwises, S., Rashidi, M.M., Taylor, R.A., Mahian, O., Sheremet, M. and Wang, L.P.	ME	Cell Reports Physical Science	2022-23	2666-3864	
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170	Solar panel selection using an integrated analytical hierarchy process and multi-objective optimisation by ratio analysis: an empirical study	Gnanasekaran Sasikumar, A. Sivasangari	ME	International Journal of Industrial and Systems Engineering	2022-23	1748-5045	

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172	Significance of porous elliptical cylinder on the MHD natural convection	T. R. Vijaybabu, Karthik Babu N.B.	ME	International Journal of Mechanical Sciences	2022-23	0020-7403	
173	Impact of Surfactant on the Properties of the Electroless Ni-P-SiC Coatings	Vinod Babu Chintada, Thirumala Rao Gurugubelli, Ravindra Kotavarapu	ME	Materials Chemistry and Physics	2022-23	0254-0584	
174	Evaluation of Mechanical Behaviour of 3D Printed Structures using FDM Process	A. Lakshmu Naidu, M. Jaya Krishna, V. Rambabu	ME	International Journal of Performability Engineering	2022-23	0973-1318	
175	Influence of Nano Boric Acid Material in Bio-Diesel Blends to Enhance the Surface Quality with Minimum Quality Lubrication	Bade, Venkata Suresh, Yenda Srinivasa Rao, Shireesha Yegireddi, and Girma Eshete	ME	Advances in Materials Science and Engineering	2022-23	1687-8442	
176	Influence of Heat Treatment on Crystal Structure, Microhardness and Corrosion Resistance of Bilayer Electroless Ni-P-SiC/Ni-P-Al2O3 Coatings	Uppada, Sudhakar, Ramji Koona, Vinod Babu Chintada, and Ravindranadh Koutavarapu	ME	Silicon	2022-23	1876-9918	
177	Post-COVID-19 era: An Enabler for the Implementation of Blended Learning in Compliance With the NEP 2020	Gummaluri Venkata Surya Subrahmanya Sharma, Chilamkurti Lakshmi Venkata Ranga Sobhanachala Vara Prasad, Korada Santa Rao	ME	International Journal of Educational Reform	2022-23	1056-7879	
178	Self-powered Sensing Systems with Learning Capability	Avinash Alagumalai, Wan Shouc, Omid Mahian, Mortaza Aghbashlo, Meisam Tabatabaei, Somchai Wongwises, Yong Liu, Justin Zhan, Antonio Torralb, Jun Chen, ZhongLin Wang, Wojciech Matusik	ME	Joule	2022-23	2542-4351	
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180	Influence of Work Hardening on Tensile and Fatigue Behavior of Resistance Spot-Welded Dual-Phase Steel	Gorti Janardhan, Krishna Dutta, Goutam Mukhopadhyay	ME	Journal of Materials Engineering and Performance	2022-23	1059-9495	
181	Evaluation of Preventive Activities of COVID-19 Using Multi-criteria Decision Making Method	Gnanasekaran Sasikumar, Sivasangari Ayyappan, N. Venkatachalam	ME	Recent Advances in Mechanical Engineering, Lecture Notes in Mechanical Engineering	2022-23	2195-4346	
182	Multi-criteria decision-making for solar panel selection using an integrated analytical hierarchy process and VIKOR approach: a case study	Sasikumar, G. and Sivasangari, A.	ME	Int. J. Business Information Systems	2022-23	1746-0972	
183	Sustainable Retrofitting and Moment Evaluation of Damaged RC Beams Using Ferrocement Composites for Vulnerable Structures	Sridhar J	CIVIL	Sustainability	2022-23	2071-1050	
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185	"Study on Response of Regular RC Space Frames Subjected to Equivalent Static Blast Load".	B P R V S Priyatham	CIVIL	Advances in Material Science and Engineering	2022-23	1687-8442	
186	"Performance evaluation of sustainable materials in roller compacted concrete pavements: A state of art review",.	B A V Ram Kumar	CIVIL	Journal of Building Pathology and Rehabilitation	2022-23	2365-3159	
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193	Use Of Ferrochrome Ash as Replacement Cement Concrete Pavements – A Review	B A V Ram Kumar	CIVIL	EPRA International Journal of Research and Development	2022-23	2455-7838	
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207	Computational Techniques for Proportioning of Aggregates in Bituminous Mix Design	Penki Ramu	CIVIL	International Journal of Pavement Research and Technology	2022-23	1997-1400	40-46