

Publications

Year 2023

Sl.No.	Title of paper	Name of the author/s	FST Dept. to which the Faculty belong	Name of Journal	Under UGC index (Yes/No)	Under Scopus index (Yes/No)	Under SCI index (Yes/No)	Under WOS index (Yes/No)	ISSN number (provide if present)	Journal Link (provided by publisher)	Article Link (provided by publisher)
1	Automated Word Prediction In Telugu Language Using Statistical Approach	L. Lakshmi , K. D. S. Devi, A. N. Kalyani, M. Ravisankar And K. P. Rani	DS&AI	2023 International Conference on Computer Communication and Informatics (ICCCI)	Yes	Yes	Yes	Yes		https://ieeexplore.ieee.org/xpl/conhome/10128170/proceeding	https://ieeexplore.ieee.org/document/10128384
2	Challenges And Application Of 3D Printing In Radiation Oncology	A. Chandrashekhar , D. Sugumar, B. Subramanian & N. Basker	Mechanical	2023 International Conference on Disruptive Technologies (ICDT)	Yes	Yes	Yes	Yes	ISBN:979-8-3503-2388-7	https://ieeexplore.ieee.org/xpl/conhome/10150433/proceeding	https://ieeexplore.ieee.org/document/10150968
3	On The Divergence Of Two Subseries $\sum_{n=1}^{\infty} \frac{1}{n^p}$, And Theorems Of De La Vallée Poussin And Landau-Walfis	G. Sudhaamsh Mohan Reddy , S. Srinivas Rau, B. Uma	Mathematics	Boletim da Sociedade Paranaense de Matemática	Yes	Yes			Electronic: 2175-1188	https://periodicos.uem.br/ojs/index.php/BSoParanMat/index	https://periodicos.uem.br/ojs/index.php/BSoParanMat/article/view/50820
4	Time Series Forecasting And Modeling Of Food Demand Supply Chain Based On Regressors Analysis	S. K. Panda & S. N. Mohanty	DS&AI	IEEE Access	Yes	Yes	Yes	Yes	Electronic: 2169-3536	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=6287639	https://ieeexplore.ieee.org/document/10098799

5	Womt: Wasserstein Distribution Based Minimization Of False Positives In Breast Tumor Classification Using Deep Learning	L. Lakshmi , K. D. S. Devi, S. Gupta, K. A. N. Reddy, S. K. Grandhi & S. K. Panda	DS&AI Mechanical	IEEE Access	Yes	Yes	Yes	Yes	Electronic: 2169-3536	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=6287639	https://ieeexplore.ieee.org/abstract/document/10132478
6	A Review On Smart Water Management In Various Domestic Areas: An Approach For Water Consumption And Leakage Perspectives	Salver Saiteja, V.A. Sankar Ponnappalli	ECE	International Journal of Critical Infrastructures	Yes	Yes	Yes	Yes	Electronic: 1741-8038 Print: 1475-3219	https://www.inderscience.com/home.php?icode=iicis	https://www.inderscience.com/info/inarticle.php?artid=129063
7	Adolescent Idiopathic Scoliosis Detection Using A Novel Machine Learning Approach	Dr. Movva Pavani , Kamarajugadda Kishore Kumar	ECE	Annals of Forest Research	Yes	Yes	Yes	Yes	1844-8135 2065-2445	https://www.e-afr.org/	https://www.e-afr.org/article/view-2023/169.html
8	Analysis On Bonding Interface During Solid State Additive Manufacturing	Moinuddin, S.Q. ; Machireddy, V.V.; Raghavender, V.; Kaniganti, T.B.; Sarila, V.; Ponnappan, S.M.; Shanmugam, R.; Cheepu, M	Mechanical	Metals	Yes	Yes	Yes	Yes	Electronic: 2075-4701	https://www.mdpi.com/journal/metals	https://www.mdpi.com/2075-4701/13/3/488
9	Blockchain-Based Systems For Modern Energy Grid: A Detailed View On Significant Applications Of Blockchain For The Smart Grid	Kaushik Sekaran , J. Kalaivani & M. Nikhil Raghava rao	CSE	Academic Press					ISBN- 9780323918503	https://www.sciencedirect.com/book/9780323918503/blockchain-based-systems-for-the-modern-energy-grid	https://www.sciencedirect.com/science/article/abs/pii/B9780323918503000111
10	Brain Disorders: Impact Of Mild Sars-Cov-2 May Shrink Several Parts Of The Brain, Neuroscience & Biobehavioral Reviews	Puranam Revanth Kumar, B. Shilpa, Rajesh Kumar Jha	CSE	Neuroscience & Biobehavioral Reviews	Yes	Yes	Yes	Yes	Electronic: 1873-7528 Print: 0149-7634	https://www.sciencedirect.com/journal/neuroscience-and-biobehavioral-reviews	https://www.sciencedirect.com/science/article/pii/S0149763423001197
11	Characterisation Of AI-6061-T6 Metal Matrix Composites Reinforced With Rice Husk Ash And Bakelite Powder, Materials Today	Yakkaluri Pratapa Reddy, Kavuluru Lakshmi Narayana , Mantrala Kedar Mallik & Mohammad Asif	Mechanical	materialstoday: Proceedings	Yes	Yes		Yes	Electronic: 2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S221478532302494X?via%3Dihub

12	Characterization Of Microstructural Anisotropy In 17-4Ph Stainless Steel Fabricated By Dmls Additive Manufacturing And Laser Shot Peening	Venu Kumar Sarila, Syed Quadir Moinuddin , Muralimohan Cheepu, Hamshini Rajendran & Venkata Charan Kantumuchu	Mechanical	Transactions of the Indian Institute of Metals	Yes	Yes	Yes	Yes	Electronic: 0975-1645 Print: 0972-2815	https://link.springer.com/journal/12666 6	https://link.springer.com/article/10.1007/s12666-022-02742-y
13	Cobalt Phosphate-Based Composite With Wall Care Putty As Building Envelope Material For Thermal Energy Storage, Materials Science And Engineering: B	& Sisir Kumar Sethy, Arakshita Majhi, Gouri Sankhar Brahma & Trilochan Swain	Chemistry	Materials Science and Engineering: B	Yes	Yes	Yes	Yes	Electronic: 1873-4944 Print: 0921-5107	https://www.sciencedirect.com/journal/materials-science-and-engineering-b	https://www.sciencedirect.com/science/article/abs/pii/S0921510723000429
14	Controllable Behavior Of Self-Similar Matter Waves In Exotic Transient Trap Variations	S. Sree Ranjani, T. Shreecharan & T. Soloman Raju	Physics	International Journal of Theoretical Physics	Yes	Yes	Yes	Yes	Electronic: 1572-9575	https://link.springer.com/journal/10773	https://link.springer.com/article/10.1007/s10773-022-05254-z
15	Controlling Spatiotemporal Waves In Asymmetric Dual-Core Waveguides	Dr. Thokala Soloman Raju	Physics	Springer Singapore					ISBN- 978-981-19-7117-4	https://link.springer.com/book/10.1007/978-981-19-7118-1	https://link.springer.com/chapter/10.1007/978-981-19-7118-1_7
16	Decentralization Of Car Insurance System Using Machine Learning And Distributed Ledger Technology	Saroj Kumar Nanda, Sandeep Kumar Panda , Madhabananda Das & Suresh Chandra Satapathy	DS&AI	Springer Singapore					ISBN- 978-981-19-7523-3	https://link.springer.com/book/10.1007/978-981-19-7524-0	https://link.springer.com/chapter/10.1007/978-981-19-7524-0_52
17	Effect Of Viscous Dissipation And Internal Heat Source On Mono-Diffusive Thermoconvective Stability In A Horizontal Porous Medium Layer	K. V. Muhammed Rafeek, Gudala Janardhana Reddy, Anjanna Matta & O. Anwar Béq	Mathematics	Special Topics & Reviews in Porous Media: An International Journal	Yes	Yes	Yes	Yes	Electronic: 2151-562X Print: 2151-4798	https://www.dl.begellhouse.com/journals/3d21681c18f5b5e7.html	https://www.dl.begellhouse.com/journals/3d21681c18f5b5e7_097c721f0dba1ca8.6d41aa7c73eaa bc0.html
18	3D-Printed membrane for water treatment	A. Manmadhachary , Roopa Tulasi & Priyanka Chattoraj	Mechanical	Elsevier					ISBN: 978-0-323-99861-1	https://www.sciencedirect.com/book/9780323998611/3d-printing-technology-for-water-treatment-applications	https://www.sciencedirect.com/science/article/abs/pii/B9780323998611000072

19	Generic View of Sentiment Analysis Using Machine Learning Models	K. D. S. Devi, R. Nayak, L. Lakshmi & M. Ravisankar	DS&AI	2022 OPJU International Technology Conference on Emerging Technologies for Sustainable Development (OTCON)	Yes	Yes	Yes	Yes		https://ieeexplore.ieee.org/xpl/conhome/10113898/procceeding	https://ieeexplore.ieee.org/abstract/document/10113967
20	A Novel Feature Based Review score to Classify True Reviewer,	K. D. S. Devi, R. Nayak, L. Lakshmi & M. Ravisankar	DS&AI	2023 OPJU International Technology Conference on Emerging Technologies for Sustainable Development (OTCON)	Yes	Yes	Yes	Yes		https://ieeexplore.ieee.org/xpl/conhome/10113898/procceeding	https://ieeexplore.ieee.org/abstract/document/10113928
21	Mechanical Interlocking Approaches To The Prediction Of Mechanical And Tribological Behavior Of Natural Fiber-Reinforced Polymer Hybrid Nanocomposites Or Automotive Applications	R. Venkatesh, P. C. Santhosh Kumar, A. Senthikumar, J. Phani Krishna, P. Chandramohan, V. N. Aneesh, Avinash Malladi , C. B. Priya & Elangomathavan Ramaraj	Mechanical	Advances in Polymer Technology	Yes	Yes	Yes	Yes	Electronic: 1098-2329 Print: 0730-6679	https://www.hindawi.com/journals/apt/	https://www.hindawi.com/journals/apt/2023/6685060/
22	Medical Supply Chain Integrated With Blockchain And lot To Track The Logistics Of Medical Products	Saroj Kumar Nanda, Sandeep Kumar Panda & Madhabananda Dash	DS&AI	Springer Nature PMC COVID-19 Collection						https://www.ncbi.nlm.nih.gov/pmc/?term=Springer%20Nature%20PMC%20COVID-19%20Collection[filter]	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9985095/
23	Nickel And Sodium Phosphate Composite With Wallputty Substantive As Energy Saving Decorating Material	Aravind Rudrarapu, Gouri Sankhar Brahma & Trilochan Swain	Chemistry	Inorganic and Nano-Metal Chemistry	Yes	Yes	Yes	Yes	Electronic: 2470-1564 Print: 2470-1556	https://www.tandfonline.com/journals/lst21	https://www.tandfonline.com/doi/abs/10.1080/24701556.2022.2072341
24	Recent Advances In Blockchain Technology Real-World Applications	Sandeep Kumar Panda , Vaibhav Mishra, Sujata Priyambada Dash & Ashis Kumar Pani	DS&AI	Springer					ISBN 978-3-031-22834-6	https://link.springer.com/	https://link.springer.com/book/10.1007/978-3-031-22835-3

25	Speech Emotion Recognition Using Multimodal Feature Fusion With Machine Learning Approach	Panda, S.K. , Jena, A.K., Panda, M.R	DS&AI	Multimedia Tools and Applications	Yes	Yes	Yes	Yes	Electronic: 1573-7721 Print: 1380-7501	https://link.springer.com/journal/11042	https://link.springer.com/article/10.1007/s11042-023-15275-3
26	Spider Monkey Algorithm For Enhancing Security In Delay Tolerant Network” International Journal Of Computing And Digital Systems	Dr Pradosh Kumar Gantayat & Dr Raj Tiwari		02. International Journal of Computing and Digital Systems	Yes	Yes			Electronic: 2210-142X	https://journal.uob.edu.bh/handle/123456789/12?id=abou	https://journal.uob.edu.bh/handle/123456789/5170
27	Synthesis, Thermal Adsorption, And Energy Storage Calibration Of Polysulfone Nanocomposite Developed With Gnp/ Cnt Nanofillers	L. Prabhu, R. Saravanan, A. Anderson, A. Senthilkumar, V. N. Aneesh, Avinash Malladi , A. Mohana Krishnan & Manaye Majora	Mechanical	Adsorption Science & Technology					Electronic: 0263-6174	https://www.hindawi.com/journals/ast/	https://www.hindawi.com/journals/ast/2023/7376542/
28	Thermal Energy Systems: Design, Computational Techniques, And Applications	Ashok K. Dewangan, Syed Quadir Moinuddin, Muralimohan Cheepu, Sanjeev K. Sajjan, Ashwani Kumar									
29	Synthesis and thermal analysis of nano-crystallite copper phosphate mixture and its composites as thermal energy conservation material in building coating	Sisir Kumar Sethy, Arakshita Majhi, Gouri Sankhar Brahma & Trilochan Swain	Chemistry	Bulletin of Materials Science	Yes	Yes	Yes	Yes	Electronic: 0973-7669	https://link.springer.com/journal/12034	https://link.springer.com/article/10.1007/s12034-023-02997-1
30	Thermal analysis of nano-crystallite phosphate containing composite paint enables for energy storage materials	Sisir Kumar Sethy, Arakshita Majhi, Gouri Sankhar Brahma & Trilochan Swain	Chemistry	Inorganic and Nano-Metal Chemistry	Yes	Yes	Yes	Yes	Electronic: 2470-1564 Print: 2470-1556	https://www.tandfonline.com/journals/lstr21	https://www.tandfonline.com/doi/full/10.1080/24701556.2023.2165689
31	Exotic Phase Space Dynamics Generated by Orthogonal Polynomial Self-interactions	Thokala Soloman Raju, T Shreecharan	Physics	arxiv							https://arxiv.org/abs/2308.06524

32	Time-dependent non-Abelian waves and their stochastic regimes for gauge fields coupled to external sources	T. Shreecharan and Thokala Soloman Raju	Physics	Physical Review D	Yes	Yes	Yes	Yes	1550-7998	https://journals.aps.org/prd/	https://journals.aps.org/prd/abstract/10.1103/PhysRevD.107.056011
33	Controllable Approximate and Asymptotic Similaritons in Asymmetric Dual-Core Waveguide	Thokala Soloman Raju	Physics	Springer					ISBN 978-981-19-7117-4	https://link.springer.com/	https://link.springer.com/chapter/10.1007/978-981-19-7118-1_5
34	Controlling Optical Similaritons in Graded-Index Nonlinear Waveguide with an External Source	Thokala Soloman Raju	Physics	Springer					ISBN 978-981-19-7117-4	https://link.springer.com/	https://link.springer.com/chapter/10.1007/978-981-19-7118-1_3
35	Chirped Self-Similar Waves in Asymmetric Twin-Core Fibers with Nonlinear Gain	Thokala Soloman Raju	Physics	Springer					ISBN 978-981-19-7117-4	https://link.springer.com/	https://link.springer.com/chapter/10.1007/978-981-19-7118-1_2
36	Nonlinear Compression of Self-Similar Waves in Asymmetric Dual-Core Waveguides	Thokala Soloman Raju	Physics	Springer					ISBN 978-981-19-7117-4	https://link.springer.com/	https://link.springer.com/chapter/10.1007/978-981-19-7118-1_1
37	Dynamical Behavior of Optical Similaritons in a Tapered Graded-Index Nonlinear Fiber Amplifier with an External Source	Thokala Soloman Raju	Physics	Springer					ISBN 978-981-19-7117-4	https://link.springer.com/	https://link.springer.com/chapter/10.1007/978-981-19-7118-1_4
38	Airy–Bessel Modulated Self-Similar Waves in Asymmetric Twin-Core Fiber Amplifiers	Thokala Soloman Raju	Physics	Springer					ISBN 978-981-19-7117-4	https://link.springer.com/	https://link.springer.com/chapter/10.1007/978-981-19-7118-1_6
39	Asymmetric Dual Core Waveguides: Dynamics of Self-Similar Waves	Thokala Soloman Raju	Physics	Springer					ISBN 978-981-19-7117-4	https://link.springer.com/	https://link.springer.com/book/10.1007/978-981-19-7118-1

40	Independent Control over Passbands in Highly Selective and Compact Triple-band Bandpass Filter Based on Substrate Integrated Waveguide	Soumit Samadder Chaudhury , Seema Awasthi & Rajat Kumar Singh	ECE	Progress In Electromagnetic s Research	Yes	Yes	Yes	Yes	Electronic: 1559-8985	https://www.jpier.org/	https://www.jpier.org/iss ues/volume.html?paper=23032202
41	Effects of Molybdenum disulfide nanoparticles' concentration on waste cooking oil nanofluid in reduction feed force in CNC wet machining of SAE 1144 steel	T. Gopalakrishnan, R. Saravanan, Avinash Malladi , R. Manikandan, P. Jagadeeswaran, G. Anbuhezhiyan & M. Ganesh	Mechanical	materialstoday: Proceedings	Yes	Yes		Yes	Electronic: 2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S221478532301489X?via%3Dihub
42	Investigating concentration of nanoparticles influence in Molybdenum disulfide waste cooking oil nanofluid for machining of SAE 1144 in surface finish enhancement	R. Saravanan, Avinash Malladi , T. Gopalakrishnan, R. Manikandan, P. Jagadeeswaran, G. Anbuhezhiyan & K. Veeranjanyulu	Mechanical	materialstoday: Proceedings	Yes	Yes		Yes	Electronic: 2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785323014888
43	Mechanical characterization of friction stir welded dissimilar 5aluminium alloy using Taguchi approach	R. Saravanan, Avinash Malladi , T. Amuthan, V.N. Aneesh, A. Jerin, G. Anbuhezhiyan & A. Saikumar	Mechanical	materialstoday: Proceedings	Yes	Yes		Yes	Electronic: 2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785323013202
44	Synthesis and Experimental Thermal Adsorption Characteristics of Epoxy Hybrid Composite for Energy Storage Applications	R. Venkatesh, Roshita David, B. Priya, Aruna, Gopal Kaliyaperumal, N. Mukilarasan, Avinash Malladi & M. Karthikeyan	Mechanical	Adsorption Science & Technology					Electronic: 0263-6174	https://www.hindawi.com/journals/ast/	https://www.hindawi.com/journals/ast/2023/4817731/
45	Hybrid gated recurrent unit and convolutional neural network-based deep learning mechanism for efficient shilling attack detection in social networks	N. Praveena, Kapil Juneja, Mamoon Rashid, Alaa Omran Almagrabi, Kaushik Sekaran , Rajakumar Ramalingam & Muhammad Usman	CSE	Computers & Electrical Engineering	Yes	Yes	Yes	Yes	Electronic: 1879-0755 Print: 0045-7906	https://www.sciencedirect.com/journal/computers-and-electrical-engineering	https://www.sciencedirect.com/science/article/abs/pii/S0045790623000976

46	Securing Electronic Health Record System in Cloud Environment Using Blockchain Technology	Dileep Kumar Murala, Sandeep Kumar Panda & Santosh Kumar Sahoo	DS&AI	Springer Cham					ISBN 978-3-031-22834-6	https://link.springer.com/	https://link.springer.com/chapter/10.1007/978-3-031-22835-3_4
47	Blockchain: A Study of New Business Model	Vara Prasad, Dileep Kumar Murala & Sandeep Kumar Panda	CSE DS&AI	Springer Cham					ISBN 978-3-031-22834-6	https://link.springer.com/	https://link.springer.com/chapter/10.1007/978-3-031-22835-3_9
48	IoT-based Computational Intelligence tool for paternity testing and parental comparison using correlation-based clustering and SVM classification	Dr.Vijay Arputharaj, Dr. K. Sankar, Dr.Kuncham Sreenivasa Rao , DR.G.N.R. Prasad & Mr. R.Bharat Kumar	CSE	Journal of Theoretical and Applied Information Technology	Yes	Yes	Yes		Electronic: 1817-3195 Print: 1992-8645	https://www.jatit.org/	https://www.jatit.org/volumes/Vol101No7/22Vol101No7.pdf
49	WOMT: Wasserstein Distribution Based Minimization of False Positives in Breast Tumor Classification Using Deep Learning	Lakshmi L.Kunada Dhana Sree Gupta, Shikha Reddy, K. Adi Narayana Grandhi, Suresh Kumar		IEEE Access	Yes	Yes	Yes	Yes	Electronic: 2169-3536	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=6287639	https://ieeexplore.ieee.org/abstract/document/10132478
50	Biomining Method to Extract Metal Components Using Computer-Printed Circuit Board E-Waste	Sudheer Hanumanthakari , M. D. Mohan Gift, K. V. Kanimozhi, Murapaka Dhanalakshmi Bhavani, Kalyan Devappa Bamane & Sampath Boopathi	ECE	IGI Global					ISBN 9781668481172	https://www.igi-global.com/	https://www.igi-global.com/chapter/biomining-method-to-extract-metal-components-using-computer-printed-circuit-board-e-waste/326480
51	Effect of viscous dissipation and internal heat source on mono-diffusive thermos convective stability in a horizontal porous medium layer,	Anjanna Matta , Rafeek, K.V.M., Reddy, G.J. & Beg, O.A.,	Mathematics	Special Topics & Reviews in Porous Media: An International Journal	Yes	Yes	Yes		Electronic: 2151-4798 Print: 2151-562X	https://www.dl.begellhouse.com/journals/3d21681c18f5b5e7.html	https://www.dl.begellhouse.com/journals/3d21681c18f5b5e7.097c721f0dba1ca8.6d41aa7c73eaa0.html
52	Residue to binary converter for the extended four moduli set $\{2k, 2n-1, 2n+1, 2n+1+1\}$ for n odd	MVN Madhavi Latha, Rashmi R Rachh, P.V.AnandaMohn		Sadhana - Academy Proceedings in Engineering Sciences	Yes	Yes			0973-7677	https://link.springer.com/journal/12046	https://link.springer.com/article/10.1007/s12046-023-02118-y

53	Fractal geometry based antennas and arrays: a review	Sanjana Mathew & V.A. Sankar Ponnappalli	ECE	International Journal of Student Project Reporting					Electronic: 2634-1948 Print: 2634-1956	https://www.inderscience.com/home.php?jcode=ijspr	https://www.inderscience.com/doi/abs/10.1504/IJSPR.2023.132516
54	Assessment of solar thermal monitoring of heat pump by using zeolite, silica gel, and alumina nanofluid	G. Antony Casmir Jayaseelan, A. Surenderpaul, T. Thandial Selvam, A. Anderson, A. Senthilkumar, Avinash Malladi , R. Venkatesh, V. N. Aneesh & R. Saravanan	Mechanical	Clean Technologies and Environmental Policy	Yes	Yes	Yes	Yes	Electronic: 1618-9558 Print: 1618-954X	https://link.springer.com/journal/10098	https://link.springer.com/article/10.1007/s10098-023-02558-4
55	Supervised Learning for Classification of Emotions Based on Twitter Data	B. Seetharamulu , B. Naresh Kumar Reddy & K. Bramha Naidu	CSE	International Journal of Control and Automation	Yes	Yes			Electronic: 2005-4297	http://sersc.org/journals/index.php/IJCA/index	http://sersc.org/journals/index.php/IJCA/article/view/26903
56	An Artificial Neural Network model for predicting the optimal velocity and skin friction of the nanofluids in a convergent channel	Uppendar Mendu & Veman Sai Prabhath Mendu	Mathematics	IEEE Access	Yes	Yes	Yes	Yes	Electronic: 2169-3536	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=6287639	https://ieeexplore.ieee.org/document/10242998
57	Enhancing Secure Communication in the Cloud Through Blockchain Assisted-CP-DABE	G. Sucharitha, Vedula Sitharamulu, Sachi Nandan Mohanty, Anjana Matta & Deepa Jose	Mathematics	IEEE Access	Yes	Yes	Yes	Yes	Electronic: 2169-3536	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=6287639	https://ieeexplore.ieee.org/document/10242047
58	Metaverse: A Study on Immersive Technologies	Dileep Kumar Murala & Snadeep Kumar Panda	CSE DS&AI	Wiley					ISBN 9781394174546	https://onlinelibrary.wiley.com/	https://onlinelibrary.wiley.com/doi/10.1002/9781394177165.ch1
59	Blockchain in the Development of Metaverse	Dileep Kumar Murala & Snadeep Kumar Panda	CSE DS&AI	Wiley					ISBN 9781394174546	https://onlinelibrary.wiley.com/	https://onlinelibrary.wiley.com/doi/10.1002/9781394177165.ch3
60	The Role of Immersive Reality (AR/VR/MR/XR) in Metaverse	Dileep Kumar Murala & Snadeep Kumar Panda	CSE DS&AI	Wiley					ISBN 9781394174546	https://onlinelibrary.wiley.com/	https://onlinelibrary.wiley.com/doi/10.1002/9781394177165.ch6
61	Artificial Intelligence in the Development of Metaverse	Dileep Kumar Murala & Snadeep Kumar Panda	CSE DS&AI	Wiley					ISBN 9781394174546	https://onlinelibrary.wiley.com/	https://onlinelibrary.wiley.com/doi/10.1002/9781394177165.ch15

62	The Internet of Things in Developing Metaverse	Dileep Kumar Murala & Snadeep Kumar Panda	CSE DS&AI	Wiley					ISBN 9781394174 546	https://onlinelibrary.wiley.com/	https://onlinelibrary.wiley.com/doi/10.1002/9781394177165.ch16
63	Butterfly-shaped and dromion-like optical similaritons in an asymmetric twin-core fiber amplifier	T Soloman Raju & Ashwin Kumar Myakalwar	Physics	Journal of the Optical Society of America B	Yes	Yes			Electronic: 1520-8540 Print: 0740-3224	https://opg.optica.org/josab/home.cfm	https://opg.optica.org/viewmedia.cfm?r=1&rwjcode=josab&uri=josab-40-10-2657&seq=0
64	Metaverse: The New Era in Medical Field	M. Sreedhar, Himam Saheb Shaik & Kona Ravi Sandeep Kumar	Mechanical	Wiley					ISBN 9781394174 546	https://onlinelibrary.wiley.com/	https://onlinelibrary.wiley.com/doi/10.1002/9781394177165.ch5
65	Metaverse and Blockchain	K.A. Vaishnavi Raj, Shresta Rongali, Bathula Jaya Teja & Shaik Himam Saheb	Mechanical	Wiley					ISBN 9781394174 546	https://onlinelibrary.wiley.com/	https://onlinelibrary.wiley.com/doi/10.1002/9781394177165.ch2
66	Real-Time Applications of Mixed Reality	Sri Ganesh, Ram Pavan Reddy & Shaik Himam Saheb	Mechanical	Wiley					ISBN 9781394174 546	https://onlinelibrary.wiley.com/	https://onlinelibrary.wiley.com/doi/10.1002/9781394177165.ch14
67	Real-Time Applications of Virtual Reality	R. Pranith, Kavali Maruthi & Shaik Himam Saheb	Mechanical	Wiley					ISBN 9781394174 546	https://onlinelibrary.wiley.com/	https://onlinelibrary.wiley.com/doi/10.1002/9781394177165.ch13
68	Augmented Reality Applications in Gaming	Rohan Harish, Abhiram Vollala & Shaik Himam Saheb	Mechanical	Wiley					ISBN 9781394174 546	https://onlinelibrary.wiley.com/	https://onlinelibrary.wiley.com/doi/10.1002/9781394177165.ch12
69	Augmented Reality in Computer-Aided Design (CAD)	Suresh Goka, Syed Quadir Moinuddin , Ashok Kumar Dewangan, Shaik Himam Saheb & Barla Madhavi	Mechanical	Wiley					ISBN 9781394174 546	https://onlinelibrary.wiley.com/	https://onlinelibrary.wiley.com/doi/10.1002/9781394177165.ch8
70	An Intelligent Disease Prediction and Drug Recommendation Prototype by Using Multiple Approaches of Machine Learning Algorithms	Suwendu Kumar Nayak, Mamata Garanayak, Sangram Keshari Swain, Sandeep Kumar Panda & Deepthi Godavarthi	DS&AI	IEEE Access	Yes	Yes	Yes	Yes	Electronic: 2169-3536	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=6287639	https://ieeexplore.ieee.org/document/10247046

71	Ensemble Learning with Symbiotic Organism Search Optimization Algorithm for Breast Cancer Classification & Risk Identification of Other Organs on Histopathological Images	Nalinikanta Routray, Saroja Kumar Rout, Bandita Sahu, Sandeep Kumar Panda & Deepthi Godavarthi	DS&AI	IEEE Access	Yes	Yes	Yes	Yes	Electronic: 2169-3536	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=6287639	https://ieeexplore.ieee.org/document/10272341
72	Time Series Forecasting and Modeling of Food Demand Supply Chain Based on Regressors Analysis	Sandeep Kumar Panda & Sachi Nandan Mohanty	DS&AI	IEEE Access	Yes	Yes	Yes	Yes	Electronic: 2169-3536	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=6287639	https://ieeexplore.ieee.org/document/10098799
73	Optimal Ambulance Positioning for Road Accidents With Deep Embedded Clustering	Dhyani Dhaval Desai, Joyeeta Dey, Sandeep Kumar Satapathy, Shruti Mishra, Sachi Nandan Mohanty, Pallavi Mishra & Sandeep Kumar Panda	DS&AI	IEEE Access	Yes	Yes	Yes	Yes	Electronic: 2169-3536	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=6287639	https://ieeexplore.ieee.org/document/10147832
74	Dependency Structure-Based Rules Using RootNode Technique for Explicit Aspect Extraction From Online Reviews	Pallavi Mishra & Sandeep Kumar Panda	DS&AI	IEEE Access	Yes	Yes	Yes	Yes	Electronic: 2169-3536	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=6287639	https://ieeexplore.ieee.org/document/10156819
75	Speech emotion recognition using multimodal feature fusion with machine learning approach	Sandeep Kumar Panda , Ajay Kumar Jena, Mohit Ranjan Panda & Susmita Panda	DS&AI	Multimedia Tools and Application	Yes	Yes	Yes	Yes	Electronic: 1573-7721 Print: 1380-7501	https://link.springer.com/journal/11042	https://link.springer.com/article/10.1007/s11042-023-15275-3
76	Development of Array Antenna Design Algorithms Using Scilab: An Open Source Software Solution for Effective Engineering Teaching	V. A. Sankar Ponnappalli , PhD, Praveena & A. Naresh Kumar	ECE	Progress in Education. Volume 75					ISBN: 979-8-88697-722-6	https://novapublishers.com/shop/progress-in-education-volume-75/	https://novapublishers.com/shop/progress-in-education-volume-75/
77	Rational extensions of non-central potentials	K Haritha, Yuganand Nellambakam, M Bindu Madhavi & K V S Shiv Chaitanya		Pramana	Yes	Yes	Yes	Yes	Electronic: 0973-7111	https://link.springer.com/journal/12043	https://link.springer.com/article/10.1007/s12043-023-02649-3

78	Condition Number Analysis of 3RRR Planar Parallel Manipulator by Varying Link Lengths	Shaik Himam Saheb	Mechanical	NanoWorld Journal (NWWJ)	Yes	Yes			Electronic: 2379-1101	https://jnanoworld.com/	https://jnanoworld.com/2023/11/23/condition-number-analysis-of-3rrr-planar-parallel-manipulator-by-varying-link-lengths/
79	Tunable floating and grounded memristor emulator model	Sagar Surendra Prasad; Somenath Dutta; Chandan Kumar Choubey; Prof. Rajeev Kumar Ranjan		International Journal of Electronics	Yes	Yes	Yes	Yes	Electronic: 1362-3060 Print: 0020-7217	https://www.tandfonline.com/journals/tetrn20	https://www.tandfonline.com/doi/full/10.1080/00207217.2023.2267218?sr=c
80	Design and Comparative Analysis of FD-SOI FinFET with Dual-dielectric Spacers for High Speed Switching Applications	Manmari Amani, Asisa Kumar Panigrahy , Abhishek Choubey, Shruti Bhargava Choubey, V. Bharath Sreenivasulu, Digvijay V. Nair & Raghunandan Swain	ECE	Silicon	Yes	Yes	Yes	Yes	Electronic: 1876-9918 Print: 1876-990X	https://link.springer.com/journal/12633	https://link.springer.com/article/10.1007/s12633-023-02767-y
81	Minimization of Electrical Signal Interference with Appropriate Core Material for 3D IC at THz Applications	Santosh Kumar Tallapalli, V. Vijayakumar, N. Arun Vignesh & Asisa Kumar Panigrahy	ECE	Transactions on Electrical and Electronic Materials	Yes	Yes		Yes	Electronic: 2092-7592 Print: 1229-7607	https://link.springer.com/journal/4234	https://link.springer.com/article/10.1007/s42341-023-00496-y
82	Deep Learning based Fault Diagnosis in Electrical Machinery in Industrial Sector based on Data Mining Techniques	S. Hanumanthakari , N. Garg, P. Chandrakanth, N. Dhaliwal, R. Ramadevi and S. S. B. Chinka	ECE	2023 5th International Conference on Inventive Research in Computing Applications (ICIRCA)						https://ieeexplore.ieee.org/xpl/conhome/10220576/proceeding	https://ieeexplore.ieee.org/document/10220712
83	MedMetaverse: Medical Care of Chronic Disease Patients and Managing Data Using Artificial Intelligence, Blockchain, and Wearable Devices State-of-the-Art Methodology	D. K. Murala, S. K. Panda & S. P. Dash	DS&AI	IEEE Access	Yes	Yes	Yes	Yes	Electronic: 2169-3536	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=6287639	https://ieeexplore.ieee.org/document/10348578

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85	Enhanced Task Scheduling Using Optimized Particle Swarm Optimization Algorithm in Cloud Computing Environment	S. Potluri , A. A. Hamad, D. Godavarthi & S. S. Basa	CSE	EAI Endorsed Transactions on Scalable Information Systems	Yes	Yes		Yes	Electronic: 2032-9407	https://publications.eai.eu/index.php/sis/index	https://publications.eai.eu/index.php/sis/article/view/4042
86	Enhanced Induction Motor Control Using Deep Reinforcement Learning and PWM with DTC,	Parijat Saurabh, N. Nagabhooshanam, D. Sendil Kumar, A. Chandra Shekhar Akula , Gaurav Vishnu Londhe, Veeranki Srinivasa Rao and Vemana U. P. Lavanya,	Mechanical	Electric Power Components and Systems	Yes	Yes	Yes	Yes	Electronic: 1532-5016 Print: 1532-5008	https://www.tandfonline.com/journals/uemp20	https://www.tandfonline.com/doi/full/10.1080/15325008.2023.2274357
87	Performance Analysis of Cycle GAN in Photo to Portrait Transfiguration Using Deep Learning Optimizers	L. LAKSHMI , A. NAGA KALYANI , D. KRISHNA MADHURI , SIRISHA POTLURI , GEETIKA SILAKARI PANDEY , SHAHID ALI , MUHAMMAD IJAZ KHAN , FUAD A. AWWAD , AND EMAD A. A. ISMAIL, "	CSE DS&AI	IEEE Access	Yes	Yes	Yes	Yes	Electronic: 2169-3536	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=6287639	https://ieeexplore.ieee.org/document/10332183
88	Advancing Secure Mobile Cloud Computing: A Chaotic Maps-Based Password Key Agreement Protocol	Syed Shakeel Hashmi , Arif Mohammad Abdul, Arshad Ahmad Khan Mohammad, C. Atheeq & Ravi Chinapaga,	ECE	Ingénierie des Systèmes d'Information (ISI)					Electronic: 2116-7125 Print: 1633-1311	https://iieta.org/Journals/ISI	https://iieta.org/journals/isi/paper/10.18280/isi.280625
89	Big data-based framework for prediction of employee attrition by using deep data people analytics	JV Reddy, SK Taurani, A Chandrashekhhar & D Shravya	Mechanical	Journal of Informatics Education and Research	Yes	Yes			Electronic: 1526-4726	https://jier.org/index.php/journal/index	https://jier.org/index.php/journal/article/view/432

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91	Barrier and channel thickness engineering to optimize fin height for enhancement mode Al _{0.3} Ga _{0.7} N/GaN FinHEMT	A. Chakrabarty, R. Swain, N. Sahoo, K. Jena, A. K. Panigrahy & T. R. Lenka	ECE	International Journal of Numerical Modelling: Electronic Networks, Devices and Fields	Yes	Yes	Yes	Yes	Electronic: 1099-1204 Print: 0894-3370	https://onlinelibrary.wiley.com/journal/10991204	https://onlinelibrary.wiley.com/doi/abs/10.1002/jnm.3197