



" TSSM'S "

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Sr No	Name of faculty	Title of Paper	Year	ISSN Number	Name of journal as per UGC care list/WOS	Link
1.	Dr. R S Pawar	A DFT investigation on transition metal (Co, Cr, Cu, Mn, Mo and Nb) doped Bismuth Ferrite Oxide (BiFeO ₃) for CO gas adsorption	2023	ISSN: 1432-2234	Theoretical Chemistry Accounts	https://www.researchsquare.com/article/rs-2878095/v1
2.	Dr. R S Pawar	Surface Characteristics of finish Hobbed Gear-a Review	2023	ISSN: 2456-236X	International Journal of Interdisciplinary Innovative Research &Development (IJIIRD)	IJIIRD Template
3.	Dr. R S Pawar	Assessing the Impact of Green Supply Chain Management on Reducing Carbon Emissions and Mitigating Climate Change	2023	ISSN: 2063-5346	European Chemistry Bulletin,	https://scholar.google.co.in/citations?view_op=view_citation&hl=en&user=zQPxvjlAAAAJ&sortBy=pubdate&citation_for_view=zQPxvjlAAAAJ:Zph67rFs4hoC
4.	Dr.G Sunil Kumar	Power control and optimization for power loss reduction using deep learning in microgrid systems	2023	ISSN; 1532-5008	Electric Power Components and Systems	https://doi.org/10.1080/15325008.2023.2217175
5.	Dr.G Sunil Kumar	Optimized CNN-based Brain Tumor Segmentation and Classification using Artificial Bee Colony and Thresholding	2023	ISSN; 1841-9836	CCC Publications	(PDF) Optimized CNN-based Brain Tumor Segmentation and Classification using Artificial Bee Colony and Thresholding (researchgate.net)
6.	Dr.G Sunil Kumar	Automatic Detection of Brain Tumors Using Genetic Algorithms with Multiple Stages in Magnetic Resonance Images	2023	Online ISSN 1841-9844	INTERNATIONAL JOURNAL OF COMPUTERS COMMUNICATIONS & CONTROL	https://doi.org/10.15837/ijccc.2023.1.4577

7.	Prof. Harshad D Shelke	Enhanced Photocatalytic Activity of the Cu ₂ SnS ₃ + GO Composite for the Degradation of Navy Blue ME2RL Industrial Dye	2023	Vol. 13, No. 3, pp. 522	MDPI Coatings	https://doi.org/10.3390/coatings13030522
8.	Prof. Harshad D Shelke	Simulation of p-CdTe and n-TiO ₂ Heterojunction solar cell efficiency	2023	Vol. 2, No. 1, pp. 35-42	Journal of Computers, Mechanical and Management	https://doi.org/10.57159/gadl.icmm.2.1.23036
9.	Prof. Harshad D Shelke	Efficient Electrochemical Water Splitting Through Self-Supported Copper Selenide Nanosheets on Cu Foil: Effect of Immersion Time	2023	Vo. 11, No. 6, pp. 1-15	Energy Technology	http://dx.doi.org/10.1002/ente.202201300
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12.	Dr. Ajeet Kumar	Energy harvesting by piezoelectric polyvinylidene fluoride/zinc oxide/carbon nanotubes composite under cyclic uniaxial tensile deformation	2023	ISSN: 1548-0569	Polymer Composites	https://4spepublications.onlinelibrary.wiley.com/doi/abs/10.1002/pcc.27437
13.	Pramodkumar bagade	Numerical Analysis of Vertical Axis wind Turbine with Different Profiles	2023	ISSN : 0022-2755	Journal of Mines, Metals and Fuels,	https://informaticsjournals.com/index.php/jmmf/article/view/36040/23191
14.	Dr. D. B. Jasutkar	Greywater Treatment By Using Coconut Shell	2022	ISSN: 2455-3778	International Journal for Modern Trends in Science and Technology	http://www.ijmtst.com/volume8/issue04/69.IJMTST0804198.pdf
15.	Dr. R S Pawar	CYBER-PHYSICAL SYSTEMS FOR RESILIENT SUPPLY CHAIN MANAGEMENT IN THE FACE OF DISRUPTIONS	2022	ISSN 2063-5346	Eur. Chem. Bull. 2022, 11(Regular Issue 8), 327 - 345	https://scholar.google.co.in/citations?view_op=view_citation&hl=en&user=zQPxvjIAAAJ&sortby=pubdate&citation_for_view=zQPxvjIAAAJ:4DMP91E08xMC
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18.	Dr. R S Pawar	Adsorption of gas molecules (CO, CO, NO, NO, and CH) on undoped and Ag-doped bismuth ferrite oxide (BFO) by DFT investigation	2022	ISSN: 2044-5326	Journal of Materials Research	https://link.springer.com/article/10.1557/s43578-022-00800-1
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21.	Shah MS, Saha P.	Investigation on performance characteristics of micro-EDM dressing for the fabrication of micro-rod (s) on Ti-6Al-7Nb biomedical material	2021	10910344	Machining Science and Technol.	https://www.tandfonline.com/journals/lmst20
22.	Shah MS, Saha P.	Assessment of vibration-assisted micro-EDM dressing process-stability by monitoring and analyzing debris evacuation during Ti-6Al-7Nb machining	2021	1526-6125	Journal of Manufacturing Processes.	https://www.sciencedirect.com/journal/journal-of-manufacturing-processes
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38.	Joshi, Vaishali M., and Rajesh B. Ghongade	IDEA: Intellect database for emotion analysis using EEG signal	2020	1319-1578	Biomedical and Pharmacology Journal 13, no. 2	https://www.sciencedirect.com/science/article/pii/S1319157820304870#:~:text=(Li%20et%20al.%2C%202019a,emotions%20in%20the%20subject%20mind.&text=For%20emotion%20detection%2C%20they%20used,and%20ECG%20of%2023%20subjects.
39.	Joshi, Vaishali M., and Rajesh B. Ghongade	Optimal Number of Electrode Selection for EEG Based Emotion Recognition using Linear Formulation of Differential Entropy	2020	0974-6242	Biomedical Signal Processing and Control 68	https://biomedpharmajournal.org/vol13no2/optimal-number-of-electrode-selection-for-eeeg-based-emotion-recognition-using-linear-formulation-of-differential-entropy/
40.	Joshi, Vaishali M., and Rajesh B. Ghongade	Deep BiLSTM neural network model for emotion detection using cross-dataset approach	2021	1746-8094	Gradiva Review Journal	https://www.sciencedirect.com/science/article/abs/pii/S1746809421010041#:~:text=A%20deep%20neural%20network%2DBiLSTM,system%20to%20a%20positive%20extent.
41.	S.M.Kulkarni, D.S.Bormane S.L.Nalbalwar	Prediction of Natural Disaster using Long Short Term Memory (LSTM) network	2020	0363-8057	International Journal of Recent Technology and Engineering (IJRTE)	http://gradivareview.com/gallery/grj%202536.pdf
42.	Vaishali M. Joshi, Rajesh B.Ghongade	Emotion Detection with Single Channel EEG Signal using Deep Learning Algorithm	2020	2277-3878	International Journal of Science, Technology, Engineering and Management–A VTU Publication	https://www.ijrte.org/wp-content/uploads/papers/v8i6/F9044038620.pdf
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