



Vidyavardhini's College of Engineering & Technology

Founder President Late Padmashri H. G. Vartak

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JOURNAL PAPER PUBLICATION

Sr. No.	Title of the paper	Name of author/s	Department of the Author	Name of Journal	Year of Publication	ISSN No	Link to article/ paper/ abstract of the article on institutional website	Is it listed in UGC Care list/Scopus/Website of Science/other, mention
1	Effect of molybdenum desulfide and Bronze on Tribological Behaviours of Polytetrafluoroethylene Composites	Dr.Uday Aswalekar	Mechanical Engineering	Materials Today:Proceeding	2023	2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S2214785323050265	YES
2	Breast Cancer Detection Using ML	Dr. Swapna Borde	Computer Engineering	International Journal of Advance Research and Innovative Ideas in Education	2023	ISSN: 2395-4396	https://ijariie.com/AdminUploadPdf/Breast_Cancer_Detection_Using_ML_ijariie19871.pdf	NO
3	WhatsApp Chat Analyzer Using Artificial Intelligence	Dr. Thaksen Parvat	Information Technology	IJRSET	2023	e-ISSN: 2319-8753, p-ISSN: 2347-6710	http://www.ijrset.com/upload/2023/april/261_WhatsApp_NC.pdf	NO
4	Insights on coding gain and its properties for principal component filter banks	Dr. Ashish Vanmali	Information Technology	Sadhana- Indian Academy of Sciences	2023	0973-7677	https://www.ias.ac.in/article/fulltext/sadh/048/0076	YES
5	Scene Recognition Using Deep Learning	Dr. Archana Ekbote	Information Technology	International Journal of Research Publication and Reviews	2023	2582-7421	https://ijrpr.com/uploads/V4ISSUE4/IJRPR12241.pdf	NO
6	Attack Detection and Prediction Using Machine Learning	Mrs. Vaishali Shirsath	Information Technology	Indian Journal of Computer Science	2023	2456-4133	https://www.samvad.sibmpune.edu.in/index.php/tcsj/article/view/172775	NO



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7	CFD analysis of absorber tube using phase change materials	Dr. Uday Aswalekar, Mr. Ganesh Wahile	Mechanical Engineering	Materials Today:Proceeding	2022	2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S2214785322074831	YES
8	An Enhanced Spatial Correlation Framework for Heterogenous Wireless Sensor Networks	Dr. Sunayana Jadhav	Electronics and Telecommunication Engineering	International Journal of Sensors, Wireless Communications and Control	2022	2210-3279	https://doi.org/10.2174/2210327913666221213092904	YES
9	A Chat- Bot as a First Responder for Panic Attak	Ms. Trupti Shah	Electronics and Telecommunication Engineering	Gradiva Review Journal	2022	0363-8057	https://gradivareview.com/VOLUME-8-ISSUE-11-2022/	YES
10	Light weight cryptography for security in IoT devices	Ms. Shraddha Gosawi	Electronics and Telecommunication Engineering	Solovyov studies ISPU	2022	2076-9210	DOI:10.37896/ispu70.3/004	YES
11	Comparative Analysis of Naïve Bayes, Decision Tree, and XG-Boost for Crop Recommendation System	Mr. Anil Hingmire	Computer Engineering	Gradiva Review Journal	2022	ISSN: 0363-8057	Gradiva_AH	YES
12	Heatmap Analysis of Webpages	Mrs. Anagha Patil	Information Technology	Indian Journal of Computer Science	2022	2456-4133	https://www.indianjournalofcomputer-science.com/index.php/tcsj/article/view/172375	NO
13	Knowledge-Based Engineering Approach to Select Standard Parts and Design Automation for Flange Coupling	Dr. Umesh Mane	Mechanical Engineering	Springer Proceeding (Springer Proceeding(Recent Advances in Materials and Modern manufacturing)	2022	978-981-19-0243-7	https://doi.org/10.1007/978-981-19-0244-4_65	YES
14	Design & Analysis of independent suspension system of FSAE Vehicle	Mr. Sanjay Lohar	Mechanical Engineering	Lecture Notes in Mechanical Engineering	2022	978-981-16-9951-1	https://doi.org/10.1007/978-981-16-9952-8_38	YES
15	Improved Generalized Regression Neural Network for Target	Dr. Sagar Tambe	Computer Engineering	Wireless Personal Communications	2022	0929-6212	https://dl.acm.org/doi/10.1007/s11277-022-09627-9	YES



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	Localization in Wireless Personal Communications							
16	Crop Disease Prediction using Deep Learning	Mr. Anil Hingmire	Computer Engineering	Gradiva Review Journal	2022	0363-8057	https://drive.google.com/file/d/1sU_zREsK_IFILQOrgucPV8iwssZdwhWv/view	YES
17	Breast Cancer Classification using Deep Learning	Mrs. Smita Jawale	Computer Engineering	Gradiva Review Journal	2022	0363-8057	https://drive.google.com/file/d/1ARHoZ2ADOT8IC3VKs4sTFTTDRVU8QTTi/view?pli=1	YES
18	Deep Video Surveillance-Anomaly Event Detection	Mrs. Smita Jawale	Computer Engineering	Gradiva Review Journal	2022	0363-8057	https://drive.google.com/file/d/1P6mBhmz4r9w9bj3IoJmMd9sicaW5kssO/view	YES
19	IPL Prediction Using Machine Learning	Dr. Archana Ekbote	Information Technology	Indian Journal of Computer Science	2022	2456-4133	https://www.indianjournalofcomputer-science.com/index.php/tcsj/article/view/171267/0	NO
20	EavesDrop	Mr. Sainath Patil	Information Technology	Indian Journal of Computer Science	2022	2456-4133	https://www.indianjournalofcomputer-science.com/index.php/tcsj/article/view/171268	NO
21	Language Interpreter and Speaker	Mr. Sainath Patil	Information Technology	Indian Journal of Computer Science	2022	2456-4133	https://www.indianjournalofcomputer-science.com/index.php/tcsj/article/view/169682	NO
22	IoT-based Smart Water Musical Fountain	Mr. Yogesh Pingle	Information Technology	Zeichen Journal	2022	0932-4747	https://drive.google.com/file/d/1Wf2zQyuttqdrVBvadVnLJl-	YES



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23	Modelling of Material Removal Rate in Micro-EDM of Inconel 600 Using Dimensional Analysis	Dr. Umesh Mane	Mechanical Engineering	Springer Proceeding (Recent Advances in Materials and Modern manufacturing)	2021	2195-4356	https://doi.org/10.1007/978-981-19-0244-4_36	YES
24	Artificial Intelligence for Prediction of Performance and Emission Parameters of CI Engine Using Bio-Fuel	Mr. Ganesh Wahile	Mechanical Engineering	AIP Conference Proceeding	2021	1551-7616	https://doi.org/10.1063/5.0060862	YES
25	Latent Heat Storage System by Using Phase Change Materials and Their Applications	Mr. Ganesh Wahile, Dr. Uday Aswalekar	Mechanical Engineering	Materials Today Proceeding	2021	2214-7853	https://doi.org/10.1016/j.matpr.2021.09.268	YES
26	An Integrative Approach for Analysis of Nonlinear Electrical Circuits Using-Polynomial B-Spline Expansion and B-Spline Krawczyk Operator	Dr. Deepak Gawali	Instrumentation Engineering	International Journal of Applied and Computational Mathematics, Springer	2021	EISSN2199-5796 Print ISSN2349-5103	https://link.springer.com/article/10.1007/s40819-021-01198-w	YES
27	Constrained global optimization of multivariate polynomials using polynomial B-spline form and B-spline consistency prune approach	Dr. Deepak Gawali	Instrumentation Engineering	RAIRO - Operations Research, EDP Sciences	2021	ISSN: 03990559, 12903868	https://doi.org/10.1051/ro/2021179	YES
28	Prediction of Building Construction cost using variable selection	Mr. Viren Chandanshive	Civil Engineering	NICMAR Journal of Construction Management	2021	0970-3675	https://publications.nicmar.ac.in/user/publication/viewissues/2	YES
29	Experimental Performance of Glass based Synthetic Dye Sensitized Solar Cell	Mr. Ashish Chaudhari, Mr. Vinay Patel	Mechanical Engineering	Materials Today Proceeding	2021	2214-7853	https://doi.org/10.1016/j.matpr.2020.12.019	YES
30	Investigation of Performance Parameters Affecting the Efficiency of Solar Water Heater: A Review	Mr. Swapnil Mane	Mechanical Engineering	IOP Conference Series Materials Science and Engineering	2021	1757-8981	https://doi.org/10.1088/1757-899X/1091/1/012021	YES



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31	Optimization of power and torque with lower exhaust noise for FSAE Vehicle	Mr. Sanjay Lohar	Mechanical Engineering	Journal of Physics:Conference Series	2021	1742-6588	DOI 10.1088/1742-6596/1969/1/012020	YES
32	Waste heat recovery from exhaust gas of an engine by using a phase change material	Mr. Ganesh Wahile	Mechanical Engineering	Materials Today Proceeding	2020	ISSN: 2214-7853	https://doi.org/10.1016/j.matpr.2020.03.247	YES
33	Enhancing Uplink/Downlink Performance of Massive MIMO System Using Time-Shifted Pilot signal Transmission with Pilot Hopping (TSPTPH)	Mrs. Amrita Ruperee	Electronics and Telecommunication Engineering	International Journal of wireless and mobile computing	2020	ISSN 1741-1084	https://doi.org/10.1504/IJWMC.2020.110193	YES
34	Prediction of Coronavirus Covid 19 cases using Linear Regression and Support Vector Machine	Mr. Yogesh Pingle, Mrs. Puja Kadam	Information Technology	International Journal of Advanced Science and Technology	2020	ISSN: 2005-4238	http://sersc.org/journals/index.php/IJAST/article/view/17901	YES
35	Resolving the Interference in 5G Millimeter Wave Through Scheduling Technique In Estimated Channel	Dr. Vikas Gupta	Electronics and Telecommunication Engineering	Asian Journal Of Convergence In Technology	2019	2350-1146	https://asianssr.org/index.php/ajct/article/view/907	YES
36	Ringling artifacts in wavelet based image fusion: Analysis, measurement and remedies	Mr. Ashish Vanmali	Information Technology	Information Fusion	2019	ISSN 1566-2535	https://doi.org/10.1016/j.inffus.2019.10.003	YES
37	Effect of vertical location of the spark plug on the performance of a raw biogas fueled variable compression ratio spark ignition engine.	Mr. Ashish Chaudhari	Mechanical Engineering	Energy and Environment	2019	2048-4070	https://www.jstor.org/stable/26783950	YES
38	Combined Impact of Compression Ratio and Re-circulated Exhaust Gas on the Performance of a Biogas Fueled Spark Ignition Engine.	Mr. Ashish Chaudhari	Mechanical Engineering	Journal of Renewable and Sustainable Energy	2019	ISSN- 1941-7012	https://doi.org/10.1063/1.5045742	YES
39	Design and development of automatic lubrication system for bearing and gearbox	Mr. Ashish Chaudhari	Mechanical Engineering	Journal of Emerging Technologies and Innovative Research	2019	ISSN-2349-5162	https://www.jetir.org/papers/JETIR1906E43.pdf	NO
40	Tri-variate copula modeling for spatially correlated observations in wireless sensor networks	Mrs. Sunayana Jadhav	Electronics and Telecommunication Engineering	Journal of communication	2019	ISSN: 1796-2021	https://www.jocm.us/index.php?m=content&c=index&a	YES



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41	Time Shifted Pilot Signal Transmission With Pilot Hopping To Improve The Uplink Performance of Massive MIMO System for NGN	Mrs. Amrita Ruperee	Electronics and Telecommunication Engineering	KSII Transactions on Internet and Information Systems	2019	eISSN: 1976-7277	https://www.itiis.org/digital-library/manuscript/2481	YES
42	A B-spline Global Optimization Algorithm for Optimal Power Flow Problem.	Dr. Deepak Gawali	Instrumentation Engineering	WCGO 2019: Optimization of Complex Systems: Theory, Models, Algorithms and Application	2019	978-3-030-21802-7	https://link.springer.com/chapter/10.1007/978-3-030-21803-4_6	YES
43	Predictive Maintenance For Hydraulic System	Mr. Vishal Pande	Instrumentation Engineering	International Journal of Engineering Research and Applications	2019	2248-9622	https://www.ijera.com/papers/vol9no5/Series-1/H0905014446.pdf	NO
44	GSM andGPS Vehicle Antitheft Tracking System	Mr. Vishal Pande	Instrumentation Engineering	International Journal of Engineering Research and Applications	2019	2248-9622	https://www.ijera.com/papers/vol9no6/Series-2/D0906022224.pdf	NO
45	Automatic Controlling of Electronic Devices and Power Consumption Analysis using IoT	Mr. Vikrant Agaskar	Computer Engineering	International Journal of Emerging Technologies and Innovative Research (JETIR)	2019	ISSN-2349-5162	https://www.jetir.org/papers/JETIR1906F14.pdf	NO
46	Supply Bus Tracking Under Breakdown Condition	Mr. Anil Hingmire	Computer Engineering	International Journal of Emerging Technologies and Innovative Research (JETIR)	2019	ISSN-2349-5162	https://www.jetir.org/papers/JETIR1904C29.pdf	NO
47	Machine Learning in Video Surveillance for Fall Detection	Mrs. Sangita Chaudhari	Computer Engineering	International Journal of Emerging Technologies and	2019	ISSN-2349-5162	https://www.jetir.org/papers/JETIR1904D33.pdf	NO



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				Innovative Research (JETIR)				
48	Automated Data Entry using OCR	Mrs. Sangita Chaudhari	Computer Engineering	International Journal of Emerging Technologies and Innovative Research (JETIR)	2019	ISSN-2349-5162	https://www.jetir.org/papers/JETIR1904623.pdf	NO
49	Question Paper Generator	Mrs. Sangita Chaudhari	Computer Engineering	International Journal of Emerging Technologies and Innovative Research (JETIR)	2019	ISSN-2349-5162	https://www.jetir.org/papers/JETIR1904875.pdf	NO
50	IoT Based Retail Stock Management	Mr. Sunil Katkar	Computer Engineering	International Journal of Emerging Technologies and Innovative Research (JETIR)	2019	ISSN-2349-5162	https://www.jetir.org/papers/JETIR1904838.pdf	NO
51	Tweet Summarization: A new approach	Mr. Sunil Katkar	Computer Engineering	International Journal of Emerging Technologies and Innovative Research (JETIR)	2019	ISSN-2349-5162	https://www.jetir.org/papers/JETIR1904088.pdf	NO
52	Decentralized Crowd Funding Application using Blockchain	Mrs. Sweetie Rupani	Computer Engineering	International Journal of Emerging Technologies and Innovative Research (JETIR)	2019	ISSN-2349-5162	https://www.jetir.org/papers/JETIR1903G08.pdf	NO
53	Genetic Syndrome Identification: An image Processing Approach	Mrs. Archana Ekbote	Information Technology	IETE Journal of Research	2019	Print ISSN: 0377-2063 Online ISSN: 0974-780X	https://doi.org/10.1080/03772063.2019.1619488	YES
54	Estimation of Building Construction Cost Using Artificial Neural Networks	Mr. Viren Chandanshive	Civil Engineering	Journal of Soft Computing in Civil Engineering	2019	2588-2872	https://doi.org/10.2115/SCCE.2019.173862.1098	YES



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55	State-of-the-art Technology in Variable Compression Ratio Mechanism for Spark Ignition Engine.	Mr. Ashish Chaudhari	Mechanical Engineering	Sadhana Indian Academy of Science	2018	0973-7677	https://doi.org/10.1007/s12046-018-0987-7	YES
56	Genetic Syndrome Detection Using Radon Transform and Bit Planes	Mrs. Archana Ekbote	Information Technology	International Journal of Computer Engineering and Technology (IJCET)	2018	ISSN 0976 – 6375	https://iaeme.com/MasterAdmin/Journal_uploads/IJCET/VOLUME_9_ISSUE_6/IJCET_09_06_019.pdf	YES