

SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

(A Unit of Shri Sode Vadiraja Mutt Education Trust®, Udupi)
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 Vishwothama Nagar, Bantakal - 574115, Udupi District, Karnataka.



3.3.1 Number of research papers published per teacher in the Journals notified on UGC CARE list during the year 2022-23.

Sl.No	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Calendar Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier (doi) number	
							Link to website of the Journal	Link to article / paper / abstract of the article
YEAR 2022-23								
1	Effect of Water Absorption on the Mechanical Properties of Alkaline Treated Bamboo and Flax Fiber Reinforced Epoxy Composites	Dr. Thirumaleshwara Bhat.	Mechanical Engineering	Trends in Sciences	2022	2774-0226	https://tis.wu.ac.th/index.php/tis	https://tis.wu.ac.th/index.php/tis/article/view/5779/351
2	Characterization Of Chia Seed Oil Methyl Ester as an Alternate Fuel for Diesel Engine	Dr. Manjunatha S.	Mechanical Engineering	IOP Conf. Series: Earth and Environmental Science	2022	1755-1315	https://iopscience.iop.org/journal/1755-1315/page/scope	https://iopscience.iop.org/article/10.1088/1755-1315/1042/1/012005/pdf
3	Processing, Mechanical Characterization, and Electric Discharge Machining of Stir cast and Spray Forming-Based Al-Si Alloy Reinforced with ZrO ₂ Particulate Composites	Dr. Madhukara Nayak.	Mechanical Engineering	Journal of Composites Science	2022	2504-477X	https://www.mdpi.com/journal/jcs	https://doi.org/10.3390/jcs6110323
4	Optimization and Prediction of Mechanical Characteristics on Vacuum Sintered Ti-6Al-4V-SiCp Composites Using Taguchi's Design of Experiments, Response Surface Methodology and Random Forest Regression	Dr. Madhukara Nayak.	Mechanical Engineering	Journal of Composites Science	2022	2504-477X	https://www.mdpi.com/journal/jcs	https://doi.org/10.3390/jcs6110339
5	Processing and Mechanical Characterisation of Titanium Metal Matrix Composites: A Literature Review	Dr. Madhukara Nayak.	Mechanical Engineering	Journal of Composites Science	2022	2504-477X	https://www.mdpi.com/journal/jcs	https://doi.org/10.3390/jcs6120388
6	Investigative Studies on Performance Behavior on an IDI Diesel Engine with a Geometrically Modified Swirl Chamber using Biodiesel Blends	Dr. Manjunatha S	Mechanical Engineering	Journal of Mechanical Engineering	2023	0039-2480	https://www.sv-jme.eu/	https://doi.org/10.24191/jmeche.v20i1.21080
7	Optimization Production of Simarouba Biodiesel and Performance Study using Design of Experiments in CI Engine	Dr. Thirumaleshwara Bhat.	Mechanical Engineering	YMER, International Open Access Annual Peer-Reviewed Academic Journal	2023	0044-0477	https://ymerdigital.com/	https://ymerdigital.com/archives/?cpage=5&issId=%202206#:~:text=Thirumaleshwara%20Bhat%2C
8	Performance of SALP Swarm Localization Algorithm in Underwater Wireless Sensor Networks	Yogeshwary B H	Electronics & Communication Engineering	Photonics	2023	2304-6732	https://www.mdpi.com/journal/photonics	https://doi.org/10.3390/photonics9120984
9	Stability analysis and speed control of brushless DC motor based on self-ameliorate soft switching control methods	Nagaraja Rao.	Electronics & Communication Engineering	International Journal of Electrical and Computer Engineering (IJECE)	2023	2088-8708	https://ijece.iaescore.com/index.php/IJECE	http://doi.org/10.11591/ijece.v13i3.pp2459-2470

10	Detection of Pressure points on Diabetic foot	Nagaraja Rao	Electronics & Communication Engineering	Journal of Emerging Technologies and Innovative Research (JETIR)	2023	2349-5162	https://www.jetir.org/	https://www.jetir.org/papers/JETIR2305644.pdf
11	Image Encryption based on 3D Chaotic Map	Arun Upadhyaya	Electronics & Communication Engineering	IJARSE	2023	2319-8354	http://www.ijarse.com/	https://www.ijarse.com/images/fullpdf/1683967634_935.pdf
12	Brain Tumor detection using image processing Techniques	Vijayalatha Deavadiga	Electronics & Communication Engineering	IJNRD	2023	2456-4184	https://www.ijnrd.org/	https://www.ijnrd.org/papers/IJNRD2304641.pdf
13	Spatial Distribution Of Iron Content In The Aquifers Using Gis Interpolation And Treatment Using Low Cost Filter Media: A Case Study In Udupi Taluk	Dr. Deepika B V	Civil Engineering	Journal Of Emerging Technologies And Innovative Research	2023	2349-5162	https://www.jetir.org/	https://www.jetir.org/papers/JETIR2307587.pdf
14	Pushover Analysis Of Two Dimensional Steel Braced Structure With Two Story Height Bracing	Mr. Jayaram Nayak B	Civil Engineering	Journal Of Emerging Technologies And Innovative Research	2023	2349-5162	https://www.jetir.org/	https://www.jetir.org/papers/JETIR2307805.pdf
15	An efficient algorithm for predicting crop using historical data and pattern matching technique	Sharath Kumar, Nagaraj Bhat	Computer Science & Engineering	ScienceDirect- Global Transitions Proceedings Volume 2, Issue 2, November 2021, Pages 294-298	2023	2666-285X	https://www.sciencedirect.com/journal/global-transitions-proceedings	https://doi.org/10.1016/j.gltp.2021.08.060
16	Trends of seasonal and annual rainfall of semi-arid districts of Karnataka, India: application of innovative trend analysis approach. Theoretical and Applied Climatology, 152(1-2), 241-264.	Dr. Nagaraj Bhat.	Computer Science & Engineering	Theor Appl Climatol 152, 241–264 (2023)	2023	0177-798X	https://journals.scholarsportal.info/rowse/0177798x/v134i1-2	https://link.springer.com/article/10.1007/s00704-023-04400-9
17	Health Monitoring Based Cognitive Iot Using Fast Machine Learning Technique	Mr. Shrinivasa.	Computer Science & Engineering	OpenAIRE	2023	1004-9037	https://www.openaire.eu/	https://sicycl.cn/article/view-2023/pdf/405.pdf
18	An artificial hummingbird algorithm based localization with reduced number of reference nodes for wireless sensor networks	Dr. Sowmya J Bhat.	Computer Science & Engineering	Physical Communication, 55, 101921	2023	1874-4907	https://www.sciencedirect.com/journal/physical-communication	https://doi.org/10.1016/j.phycom.2022.101921
19	Implementing Real Time Application of Vehicle Theft Detection and Protection	Mr Deepak Rao.	Computer Science & Engineering	International Journal of Advanced Research in Arts, Science, Engineering & Management (IJARASEM)	2023	1864-1867	https://ijarasem.com/	https://ijarasem.com/admin/img/46_Real_IJARASEM.pdf
20	Detection of Phishing Website Using Machine Learning	Mr Deepak Rao.	Computer Science & Engineering	International Journal of Advanced Research in Arts, Science, Engineering & Management (IJARASEM)	2023	1864-1867	https://ijarasem.com/	https://ijarasem.com/admin/img/48_Detection_NC.pdf
21	A Review on Chronicle of Cloud Computing Security and Storage Environment Models	Mr. Shrinivasa Naik	Computer Science & Engineering	Journal of Survey in Fisheries Sciences	2023	1112-1125	https://www.sifisheriesciences.com/index.php/journal	https://sifisheriesciences.com/journal/index.php/journal/article/view/120/114

22	A Web Application Chronic Kidney Disease Prediction Using Machine Learning	Ms. Dhanya Shenoy.	Computer Science & Engineering	International Journal of Advanced Research in Arts, Science, Engineering & Management	2023	1864-1867	https://ijarasem.com/	https://ijarasem.com/admin/img/43_Web_IJARASEM.pdf
23	Movie Recommendation System	Ms Dhanya Shenoy.	Computer Science & Engineering	International Journal of Advanced Research in Arts, Science, Engineering & Management	2023	1881-1888	https://ijarasem.com/	https://ijarasem.com/admin/img/47_Movie_NC.pdf
24	Unsurpassed Image Surveillance System	Ms Dhanya Shenoy.	Computer Science & Engineering	International Journal for Research Trends and Innovation	2023	2456-3315	https://ijrti.org/	Paper Title (use style: paper title) (ijrti.org)
25	Multi-Doc Parser for scholarship System using Google Cloud Platform	Ms Sowmya .	Computer Science & Engineering	International Journal of Advanced Research in Arts, Science, Engineering & Management (IJARASEM)	2023	3671-3677	https://ijarasem.com/	https://ijarasem.com/admin/img/53_Multi-Doc_NC.pdf
26	Sentiment Classification on Women's Safety across Indian Cities using Natural Language Processing and Machine Learning	Ms. Preethi	Computer Science & Engineering	International Journal of Advanced Research in Arts, Science, Engineering & Management (IJARASEM)	2023	3720-3726	https://ijarasem.com/	61_Sentiment_NC.pdf (ijarasem.com)
27	Text Summarization with Heart Disease Prediction	Ms. Preethi M.	Computer Science & Engineering	International Journal of Advanced Research in Arts, Science, Engineering & Management (IJARASEM)	2023	1796-1801	https://ijarasem.com/	31_Text.pdf (ijarasem.com)
28	Travel Guide Management System-Easy Viaje	Ms. Yashaswini A S.	Computer Science & Engineering	International Journal of Advanced Research in Arts, Science, Engineering & Management (IJARASEM)	2023	2395-7852	https://ijarasem.com/	62_Travel_NC.pdf (ijarasem.com)
29	Survey on various approaches and application of Machine Learning algorithms for medical diagnosis of heart abnormalities	Ms Savitha A Shenoy.	Computer Science & Engineering	Journal of BMESI	2023	2456-3315	https://www.bmesi.org.in/	https://bmesi.org.in/uploads/Journal%20of%20BMESI---%20Vol%20-%2017---%20June%202023.pdf
30	Prediction of mental health illness using machine learning algorithms	Ms. R Soundharya.	Computer Science & Engineering	International Journal for Research Trends and Innovation	2023	826-830	https://ijrti.org/	https://ijrti.org/pubcurrentissue.php?v=8&i=5
31	Drought Forecasting: Application of Ensemble and Advanced Machine Learning Approaches	Dr. Ganesh Aithal, Arun Upadhyaya.	Computer Science & Engineering	Lecture Notes in Electrical Engineering book series	2023	1876-1100	https://www.springer.com/series/7818	https://doi.org/10.1007/978-981-99-1410-4_35
32	Integration of Particle Swarm Optimization and Sliding Mode Control: A Comprehensive Review	Dr. Ganesh Aithal,	Computer Science & Engineering	Lecture Notes in Electrical Engineering book series	2023	1876-1100	https://www.springer.com/series/7818	https://doi.org/10.1007/978-981-99-4444-6_15
33	Strategies For Secure Data Aggregation In Wireless Sensor Networks And Optimization Issues: A Comprehensive Survey	Dr. Ganesh Aithal ,Ganesh Srinivasa Shetty, Raghunatha	Computer Science & Engineering	Journal of Harbin Engineering University	2023	1006-7043	https://harbinengineeringjournal.com/index.php/journal	https://harbinengineeringjournal.com/index.php/journal/article/view/1187

34	A cascaded NPID/PI scheme for the regulation of stack voltage in proton exchange membrane fuel cell	Dr. Bharti Panjwani.	Computer Science & Engineering	International Journal of Hydrogen Energy	2023	0360-3199	https://www.sciencedirect.com/journal/international-journal-of-hydrogen-energy	doi.org/10.1016/j.ijhydene.2023.08.008
35	Design and Evolution of Deep Convolutional Neural Networks in Image Classification – A Review	Dr. Sachin Bhat	Electronics & Communication Engineering	International Journal of Integrated Engineering	2023	2229-838X	https://publisher.uthm.edu.my/ojs/index.php/ijie	https://publisher.uthm.edu.my/ojs/index.php/ijie/article/view/9893/5670
36	An Area Efficient Low Dropout Voltage Regulator With Improved Transient Response for Hearing-aid Applications	Dr. Guruprasad.	Electronics & Communication Engineering	Iranian Journal of Electrical and Electronic Engineering	2023	1735-2827	https://ijeee.iust.ac.ir/	article-1-2612-en.pdf (iust.ac.ir)
37	Convolutional Neural Network and Transfer Learning based Approach for Brain Tumor Detection in Magnetic Resonance Imaging	Chandana	Electronics & Communication Engineering	Research and Reviews: A Journal of Neuroscience	2023	2277-6427	https://medicaljournals.stmjournals.in/index.php/RRJoNS/index	https://medicaljournals.stmjournals.in/index.php/RRJoNS/article/view/3250
Total count as per the SOP of the metric given by NAAC i.e paper per teacher = 37+4 = 41								
This color indicates multiple author's of our institution (SMVITM,Bantakal) has contributed for the same paper								