

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 2021-22.

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 2021-22								
1	Erosion Wear Behavior of Glass Fiber Hybridized Flax and Sisal Fabric Hybrid Composites With Taguchi Experimental Design	Dr. Raja yateesh Yadav, Dr. H. Udaya Prasanna, Ganesh Kalagi,	Mechanical Engineering	Elsevier Materials Today Proceedings	2021	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://doi.org/10.1016/j.matpr.2021.04.430
2	Investigation on the performance of an IDI engine using a novel dual swirl combustor	Mr. Manjunath S,	Mechanical Engineering	Elsevier Materials Today Proceedings	2021	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785321070966
3	Solid Particle Erosion Behavior of Plasma Sprayed (WC-Co)/ (Cr3C2-NiCr) Coatings	Dr. Gajanan Anne.	Mechanical Engineering	Journal of Bio- and Tribo-Corrosion, Springer Nature, Volume 8	2022	ISSN: 2198-4239	https://link.springer.com/journal/40735	https://doi.org/10.1007/s40735-022-00629-5
4	Fabrication of Mg-Zn/Al and Mg-Zn/Anodized Al Multilayered Composites by Accumulative Roll Bonding, Investigation of Corrosion Behavior	Dr. Gajanan Anne.	Mechanical Engineering	Materials International, Volume 4, Issue 1, April 2022	2022	ISSN: 2668-5728	https://materials.international/	https://doi.org/10.33263/Materials41.003
5	Surface modification of multi-directional forged biodegradable Mg-Zn alloy by ball burnishing process: Modeling and analysis using deep neural network	Dr. Gajanan Anne, Nagaraj Bhat, Ganesh Aithal,	Mechanical Engineering	Journal of Manufacturing Processes, Volume 68, Part A, August 2021, pp:423-434	2021	ISSN: 1526-6125	https://www.sciencedirect.com/journal/journal-of-manufacturing-processes	https://doi.org/10.1016/j.jmapro.2021.05.049
6	Performance, Emission and Exergy Analysis of an IDI Dual Swirl Combustor Diesel Engine with Blended Waste Chia Seed Oil as a Biofuel	Mr. Manjunath S.	Mechanical Engineering	International Journal of Ambient Energy, June 2022, pp:1-15	2022	2162-8246	https://www.tandfonline.com/journals/taen20	https://doi.org/10.1080/01430750.2022.2080266
7	Investigation of Tribological Property of Coconut Shell Powder Filled Epoxy Glass Composites	Thirumaleshwara Bhat.	Mechanical Engineering	American Journal of Materials Science 2017, Volume 7, issue 5, August 2021 pp:174-184	2021	2162-9382	http://www.sapub.org/journal/aimsandscope.aspx?journalid=1001	http://article.sapub.org/10.5923.j.materials.20170705.10.html
9	Fabrication and Analysis of Jute, Glass and Flax Hybrid Composites Using Rice Husk Charcoal as Filler Material	Thirumaleshwara Bhat.	Mechanical Engineering	American Journal of Materials Science 2017, Volume 7, issue 5, August 2021 pp:135-139	2021	2162-9382	http://www.sapub.org/journal/aimsandscope.aspx?journalid=1001	http://article.sapub.org/10.5923.j.materials.20170705.03.html
8	Development and Characterization of Low Cost Bamboo Fibre Reinforced Polymer Composites	Thirumaleshwara Bhat.	Mechanical Engineering	American Journal of Materials Science 2017, Volume 7, issue 5, August 2021 pp:130-134	2021	2162-9382	http://www.sapub.org/journal/aimsandscope.aspx?journalid=1001	http://article.sapub.org/10.5923.j.materials.20170705.02.html

10	Comparative Studies of infiltration at Coastal Districts for better management practices	Dr. Sandeep J Nayak	Civil Engineering	IFERP	2021	ISSN 2456-1290	https://www.iferp.in/	https://www.technoarete.org/common_abstract/pdf/IJERMCE/v8/i11/Ext_52809.pdf
11	Study of Mechanical Characteristics of Concrete with Shredded Rubber Tyre Aggregate	Mr. Sooraj Kumar	Civil Engineering	Civil Engineering Trends and Challenges for Sustainability	2021	2366-2557	https://link.springer.com/book/10.1007/978-981-16-2826-9	https://link.springer.com/chapter/10.1007/978-981-19-1862-9_42
12	An efficient algorithm for predicting crop using historical data and pattern matching technique	Sharath Kumar, Nagaraj Bhat	Computer Science & Engineering	Global Transitions Proceedings (2021),	2021	2666-285X	https://www.sciencedirect.com/journal/global-transitions-proceedings	https://doi.org/10.1016/j.gltp.2021.08.060
13	Protection of data using image watermarking technique	Sowmya S, Sahana Karanth, Sharath Kumar	Computer Science & Engineering	Global Transitions Proceedings (2021),	2021	2666-285X	https://www.sciencedirect.com/journal/global-transitions-proceedings	https://doi.org/10.1016/j.gltp.2021.08.035
14	Pest Control Management System using Organic Pesticides,	Ms. Ramyashree	Computer Science & Engineering	Global Transitions Proceedings (2021),	2021	2666-285X	https://www.sciencedirect.com/journal/global-transitions-proceedings	doi: https://doi.org/10.1016/j.gltp.2021.08.058
15	Agroxpert- Farmer Assistant	Sowmya NH.	Computer Science & Engineering	Global Transitions Proceedings (2021),	2021	2666-285X	https://www.sciencedirect.com/journal/global-transitions-proceedings	https://doi.org/10.1016/j.gltp.2021.08.016
16	AGRIC: A Quality Farming,	Rukmini Bhat B,	Computer Science & Engineering	Global Transitions Proceedings (2021),	2021	2666-285X	https://www.sciencedirect.com/journal/global-transitions-proceedings	https://doi.org/10.1016/j.gltp.2021.08.020
17	Facial Recognition using Haar Cascade and LBP Classifiers),	Ramyashree	Computer Science & Engineering	Global Transitions Proceedings (2021),	2021	2666-285X	https://www.sciencedirect.com/journal/global-transitions-proceedings	https://doi.org/10.1016/j.gltp.2021.08.044
18	Identification of Aromatic Coconuts using Image Processing and Machine learning Techniques	Sneha N S	Computer Science & Engineering	Global Transitions Proceedings (2021),	2021	2666-285X	https://www.sciencedirect.com/journal/global-transitions-proceedings	https://doi.org/10.1016/j.gltp.2021.08.037
19	Building Dataset and Deep Learning-Based Inception Model for the Character Classification of Tigalari Script.	Sachin Bhat, Rajashree Nambiar, Nagaraj Bhat	Computer Science & Engineering	Recent Advances in Artificial Intelligence and Data Engineering	2021	2194-5357	https://link.springer.com/book/10.1007/978-981-16-3342-3	https://doi.org/10.1007/978-981-16-3342-3_20
20	Crop Yield Forecasting using Data Mining	Sowmya S,	Computer Science & Engineering	Global Transitions Proceedings (2021),	2021	2666-285X	https://www.sciencedirect.com/journal/global-transitions-proceedings	https://doi.org/10.1016/j.gltp.2021.08.008
21	Identification of weeds in Maize crops using CNN	Shrinivasa	Computer Science & Engineering	International Journal of Scientific Research and Engineering Development,	2021	2581-7175	http://www.ijred.com/	http://www.ijred.com/volume4/issue4/IJSRE-D-V4I4P41.pdf

22	Application to aid hearing and speech impaired people	Deepthi G pai	Computer Science & Engineering	Recent Advances in Artificial Intelligence and Data Engineering	2021	2194-5357	Recent Advances in Artificial Intelligence and Data Engineering: Select Proceedings of AIDE 2020 SpringerLink	https://doi.org/10.1007/978-981-16-3342-3_12
23	Traffic violation detection in India using genetic algorithm	Deepthi G Pai	Computer Science & Engineering	Global Transitions Proceedings (2021),	2021	2666-285X	https://www.sciencedirect.com/journal/global-transitions-proceedings	https://doi.org/10.1016/j.igtp.2021.08.056
24	An Efficient Algorithm for Fruit Ripeness Detection.	Sharath kumar, Ramyashree	Computer Science & Engineering	Recent Advances in Artificial Intelligence and Data Engineering	2021	2194-5357	Recent Advances in Artificial Intelligence and Data Engineering: Select Proceedings of AIDE 2020 SpringerLink	https://doi.org/10.1007/978-981-16-3342-3_30
25	Design of a Secure Blockchain Based Privacy Preserving Electronic Voting System.	Sneha N.S	Computer Science & Engineering	Emerging Research in Computing, Information, Communication and Applications,	2021	E-ISSN: 1876-1119	https://link.springer.com/book/10.1007/978-981-16-1342-5	https://doi.org/10.1007/978-981-16-1338-8
26	Comparative Analysis of Brain Tumor Segmentation with Fuzzy C Means using Multi-core CPU and GPU	Sahana, Sowmya S	Computer Science & Engineering	Cyber Intelligence and Information retrieval	2021	2367-3370	https://link.springer.com/book/10.1007/978-981-16-4284-5	https://doi.org/10.1007/978-981-16-4284-5
27	Evaluation Of Era5 And Imerg Precipitation Data For Risk Assessment Of Water Cycle Variables Of A Large River Basin In South Asia Using Satellite Data And Archimedean Copulas	Dr. Nagaraj Bhat	Computer Science & Engineering	Water Conservation & Management (WCM)	2021	ISSN: 2523-5672	https://www.watconman.org/	http://doi.org/10.26480/wcm.01.2022.61.69
28	Unsurpassed Image Surveillance System	Dhanya Shenoy	Computer Science & Engineering	International Journal for Research Trends and Innovation,	2021	ISSN: 2456-3315	https://www.ijrti.org/	https://ijrti.org/viewpaperforall.php?paper=IJRTI2206112
29	Comparative Study of Quasi Steady and Unsteady Damping Derivatives for Delta Wings in Hypersonic Flow and Half Sine Wave	Ms. Renita Sharon Monis	Mathematics	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	2021	ISSN: 2811-3950	https://semarakilmu.com.my/journals/index.php/fluid_mechanics_thermal_sciences	https://www.sciencedirect.com/science/article/pii/S2214785321005058
Total count as per the SOP of the metric given by NAAC i.e paper per teacher = 29+11 = 40								
This color indicates multiple author's of our institution (SMVITM,Bantakal) has contributed for the same paper								