

SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

(A Unit of Shri Sode Vadiraja Mutt Education Trust*, Udupi)
Accredited by NAAC with 'A' grade | Affiliated to VTU, Belagavi
 Approved by AICTE, New Delhi & Recognized by Govt. of Karnataka
 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 2020-21.

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 2020-21								
1	Character Recognition of Tulu Script Using Convolutional Neural Network	Sachin Bhat	Electronics & Communication Engineering	Advances in Artificial Intelligence and Data Engineering, Springer	2020	978-981-15-3513-0	https://link.springer.com/book/10.1007/978-981-15-3514-7	https://link.springer.com/chapter/10.1007/978-981-15-3514-7_11
2	A combination of Wireless and Optical Mode Communication in Sensor Networks for Efficient Data Transmission	Balachandra Achar	Electronics & Communication Engineering	Journal of Critical Review	2020	2394-5125	https://www.jcreview.com/	https://www.jcreview.com/admin/Uploads/Files/632d53d56da6b9.39545757.pdf
3	Anthropometric measurement extraction using perspective transform	Sachin Bhat,	Electronics & Communication Engineering	Journal of Critical Review	2020	2394-5126	https://www.jcreview.com/	https://www.jcreview.com/paper.php?slug=anthropometric-measurement-extraction-using-perspective-transform
4	Crop Field Management Based on IoT Using Raspberry Pi	Sowmya Bhat	Electronics & Communication Engineering	International Journal of Current Engineering And Scientific Research (IJCESR)	2020	2393-8374	https://troindia.in/journal/ijcesr/index.html	http://troindia.in/journal/ijcesr/vol7iss8/64-68.pdf
5	Key Generation Using Generalized Pell's Equation in Public Key Cryptography Based on the Prime Fake Modulus Principle to Image Encryption and Its Security Analysis	Dr. Ganesh Aithal	Electronics & Communication Engineering	Cybernetics and Information Technologies	2020	311-9702	https://cit.iict.bas.bg/	https://cit.iict.bas.bg/CIT-2020/v-20-3/10341-Volume20_Issue_3-07_paper.pdf
6	An App Based Online Kannada To English Transliteration System For Mobile Camera Images	Sachin Bhat	Electronics & Communication Engineering	Solid State Technology	2020	0038-111X	https://solidstatetechnology.us/index.php/JSST	http://solidstatetechnology.us/index.php/JSST/article/view/5584
7	Marvelous Significance Performance Analysis of PQ Events Prediction and Classification	Nagaraja Rao	Electronics & Communication Engineering	International journal of science and Research (IJSR)	2021	2319-7064	https://www.ijsr.net/	https://www.ijsr.net/archive/v10i3/SR21228144322.pdf
8	Design and numerical analysis of tool for FSP simulation of magnesium alloys	Ligraj Ritti, Dr. Thirumaleshwara Bhat	Mechanical Engineering	Materials Today	2021	2214-7853	https://www.sciencedirect.com/journal/materials-today	https://www.sciencedirect.com/science/article/pii/S2214785321005058
9	An Engineering Student's Viewpoint on the Implementation of Active Learning Techniques and Modern Tools for the Teaching-Learning Process	Dr. Thirumaleshwara Bhat, Mr. Kishor Kumar	Mechanical Engineering	Journal of Critical Reviews (JCR)	2020	2394-5125	https://www.jcreview.com/	https://drive.google.com/file/d/1U3Zp9QRxe1Q68aGcfhGJWsxeyY14dctmM/view

10	Determinants of Entrepreneurial Intention among Engineering Students: Application of Theory of Planned Behaviour	Mr. Madhukara Nayak	Mechanical Engineering	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	2020	2249-6890	https://www.tjpre.org/	https://sode-edu.in/wp-content/uploads/2024/04/3.3.1-6-Madhukar20-21.pdf
11	Experimental Investigation in Determining Optimum Working Temperature for a 4-stroke Air-Cooled Motorcycle Engine	Mr. Ananth Mohan Mallya	Mechanical Engineering	Journal of Critical Reviews	2020	2394-5125	https://www.jcreview.com/	https://www.jcreview.com/admin/Uploads/Files/632d541139ea99_30321075.pdf
12	Entrepreneurial Intention among Undergraduates-A review Paper	Mr. Madhukara Nayak	Mechanical Engineering	International Journal of Innovative Research in Technology	2021	2349-6002	https://ijirt.org/	https://ijirt.org/master/publishedpaper/IJIRT150735_PAPER.pdf
13	Significance of Personality traits on the entrepreneurial intention and Behavior of engineering students of coastal Karnataka	Mr. Madhukara Nayak	Mechanical Engineering	International Journal of Business Excellence,2021	2021	1756-0055	https://www.inderscience.com/jhome.php?icode=IJBEX	https://www.inderscience.com/jhome.php?icode=IJBEX&text=Significance%20of%20Personality%20traits%20on%20the%20entrepreneurial%20intention%20and%20behaviour%20of%20engineering%20students%20of%20coastal%20Karnataka
14	"Effect of Equal Channel Angular Pressing on Properties Evaluation of Biodegradable Mg-Zn-Mn Alloy	Dr. Gajanan Anne	Mechanical Engineering	Journal of Bio and Tribo Corrosion	2021	2198-4220	https://link.springer.com/journal/40735	https://link.springer.com/article/10.1007/s40735-021-00506-7
15	Producing Mg Based Multilayered Composites by Accumulative Roll Bonding: Investigate Effect of Addition of Zn and Anodization on Corrosion Behaviour	Dr. Gajanan Anne	Mechanical Engineering	Journal of Mechanical Engineering and Sciences	2021	6393-640	https://journal.ump.edu.my/jmes/	https://doi.org/10.15282/jmes.14.1.2020.15.0500
16	Surface modification of multi-directional forged biodegradable Mg-Zn alloy by ball burnishing process: Modeling and analysis using deep neural network	Dr. Gajanan Anne, Dr. Nagaraj Bhat	Mechanical Engineering	Journal of Manufacturing Processes	2021	1526-6125	https://www.sciencedirect.com/journal/journal-of-manufacturing-processes	https://www.sciencedirect.com/science/article/pii/S1526612521003790?via%3Dihub
17	Erosion Wear Behavior of Glass Fiber Hybridized Flax and Sisal Fabric Hybrid Composites With Taguchi Experimental Design	Dr. Udaya Prasanna H	Mechanical Engineering	Materials Today Proceedings	2021	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/pii/S2214785321033502?via%3Dihub
18	Influence of Abrasive Particles on Surface Hardness of Free cutting Brass in Ball Burnishing Process	Dr. Pavana Kumara	Mechanical Engineering	American Journal of Production and Industrial Engineering	2020	2377-4320	https://www.sciepub.com/journal/ajie	https://www.rame.org.in/pdf/jpie/papers2/v21/paper2.html
19	Enhancement in Microhardness of Free Machining Brass in Ball Burnishing	Dr. Pavana Kumara	Mechanical Engineering	International Journal of Vehicle Structures and Systems	2020	0975-3060	https://www.i-scholar.in/index.php/IJVSS	https://yanthrika.com/eja/index.php/ijvss/article/view/1386
20	Pre diction the best price for crops and spices using Machine Learning	Mr. 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/IJSRED-V4I4P23.pdf
21	Diabetic Retinopathy Disease Detection Using Machine Learning	Mr. Siju.V.Soman	Computer Science & Engineering	International Journal of Scientific Research and Engineering Development	2021	2581-7175	http://www.ijred.com/	http://www.ijred.com/volume4/issue3/IJSRED-V4I3P206.pdf

22	Pest Control Management System using Organic Pesticides	Ms. Ramyashree	Computer Science & Engineering	Global Transistion Proceedings	2021	2666-285x	https://www.sciencedirect.com/journal/global-transitions-proceedings	https://www.sciencedirect.com/science/article/pii/S2666285X21000868
23	Image Segmentation Techniques Using K-Means Clustering to Identify the Land Use Change Detection	Vasudeva	Computer Science & Engineering	International Journal of Advanced Trends in Computer Science and Engineering (IJATCSE)	2021	2278 - 3091	https://www.warse.org/IJATCSE/	http://paper.researchbib.com/view/paper/281047
24	An Enhancement Process For Gray-Scale Images Resulted From Image Fusion Using Multiresolution And Laplacian Pyramid, Ictact Journal On Image And Video Processing	Vasudeva	Computer Science & Engineering	ICTACT Journal on image and video processing	2021	0976-9102	https://ictactjournals.in/IJIVP/AboutIjivp.aspx	http://ictactjournals.in/paper/IJIVP_Vol_11_Iss_3_Paper_8_2391_2399.pdf
25	Facial Recognition using Haar Cascade and LBP Classifiers	Ms. Ramyashree	Computer Science & Engineering	Global Transistion Proceedings	2021	2666-285x	https://www.sciencedirect.com/journal/global-transitions-proceedings	https://www.sciencedirect.com/science/article/pii/S2666285X21000728
26	An optimum initial manifold for improved skill and lead in long-range forecasting of monsoon variability	Dr. Nagaraj Bhat	Computer Science & Engineering	Research Square	2021	2693-5015	https://www.researchsquare.com/	https://www.researchsquare.com/article/rs-233987/v1
27	Spatial variability of ground water quality: A case study of Udupi district, Karnataka State, India	Ms. Deepika B V	Civil Engineering	Journal of Earth System Science	2021	0973-774X	https://link.springer.com/journal/12040	https://www.ias.ac.in/article/fulltext/jess/129/0221
28	Augmentation of Groundwater Recharge through Infiltration Studies in Puttur of Dakshina Kannada District, Karnataka	Dr. Sandeep J Nayak	Civil Engineering	International Research Journal of Engineering and Technology	2021	2395-0072	https://www.irjet.net/	https://www.irjet.net/archives/V8/i5/IRJET-V8I5339.pdf
29	Strongly (Properly) Set Colorable Graphs	Nisha Reena Nazareth, Bhagyalaxmi Navada, Lolita Priya Castelino	Mathematics	Indian Journal of Natural Sciences	2021	0976 – 0997	https://nsroindia.org.in/journals.html	https://nsroindia.org.in/JOURNAL/issue65/1SSUJE%2065%20FULL%20TEXT%20-%20Part%2003.pdf
30	Dynamic mechanical behavior of unfilled and graphite filled carbon epoxy composites	Dr. Sudarshan Rao K	Mechanical Engineering	IOP Conference Series: Materials Science and Engineering	2021	1757-899X	https://iopscience.iop.org/journal/1757-899X	https://iopscience.iop.org/article/10.1088/1757-899X/1126/1/012033/pdf

Total count as per the SOP of the metric given by NAAC i.e paper per teacher = 30+5 = 35

This color indicates multiple author's of our institution (SMVITM,Bantakal) has contributed for the same paper