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.

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3.3.1 Number of research papers published per teacher in the Journals notified on UGC CARE list during the year 2018-19.

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 2018-19								
1	Preprocessing of historical manuscripts using phase congruency and gaussian mixture model	Sachin Bhat	Electronics & Communication Engineering	Far East Journal of Electronics and Communication	2019	0973-7006	http://www.pphmj.com/index.php	http://www.pphmj.com/abstract/12357.htm
2	Restoration of Characters in Degraded Inscriptions using Phase Based Binarization and Geodesic Morphology	Sachin Bhat	Electronics & Communication Engineering	International Journal of Recent Technology, Elsevier	2019	2277-3878	https://www.ijrte.org/	https://www.ijrte.org/portfolio-item/f2669037619/
3	Text extraction and a deep CNN based model for character classification in Kannada documents	Sachin Bhat	Electronics & Communication Engineering	Journal of Innovative Technology and Exploring Engineering, ELsevier	2019	2278- 3075	https://www.ijitee.org/	https://www.ijitee.org/wp-content/uploads/papers/v8i8/H7418068819.pdf
4	Agri Robo	Nagaraja Rao	Electronics & Communication Engineering	International Journal of Engineering Research in Electronics and Communication Engineering(IJERECE)	2019	2394-6849	https://ijerece.com/	https://www.technoarete.org/common_abstract/pdf/IJERECE/v6/i5/Ext_03256.pdf
5	A novel medical image fusion by combining TV-L1 textures based on adaptive weighting scheme	C S Asha	Electronics & Communication Engineering	International Journal of Engineering Science and Technology (Elsevier)	2019	2215-0986	https://www.sciencedirect.com/journal/engineering-science-and-technology-an-international-journal	https://www.sciencedirect.com/science/article/pii/S2215098618316379
6	Multi-modal Medical Image Fusion With Adaptive Weighted Combination of NSST Bands Using Chaotic Grey Wolf Optimization	Asha C S	Electronics & Communication Engineering	IEEE Access (IEEE)	2019	1803–7232.	https://ieeexplore.ieee.org/	https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=8678905
7	Auto Removal of Bright Spot from Images Captured Against Flashing Light Source	Asha C S	Electronics & Communication Engineering	IEEE DISCOVER	2019	1803–7232.	https://ieeexplore.ieee.org/	https://ieeexplore.ieee.org/document/9007933
8	DC-DC Buck converter using sliding mode control	Shareen Noronha, Ranjith Bhat, Raghavendra Rao, Rajashree Nambair, Laxmi Shetty	Electronics & Communication Engineering	JETIR	2019	2349-5162	https://jetir.org/index.html	https://www.jetir.org/papers/JETIRCJ06004.pdf

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9	Design and Analysis of 8-T and 5-T based XOR and XNOR gates using Soft Computing Tools	Sowmya Bhat,Sandesh Kumar, Avinash N J,Kusuma Prabhu,Renita Pinto	Electronics & Communication Engineering	IJERT	2019	2278-0181	https://www.ijert.org/	https://www.ijert.org/design-and-analysis-of-8-t-and-5-t-based-xor-and-xnor-gates-using-soft-computing-tools
10	Smart Traffic System	Arun Upadhyaya	Electronics & Communication Engineering	International Research Journal of Engineering and Technology (IRJET)	2019	2395-0072	https://www.irjet.net/	https://www.irjet.net/archives/V6/i5/IRJET-V6I51024.pdf
11	Application of steganography in image processing frame work	Ganesh shetty	Electronics & Communication Engineering	International Journal of Education and Research	2019	2320-592	https://www.ijern.com/Journal.php	https://sode-edu.in/wp-content/uploads/2024/03/3.3.1-11-Ganesh-18-19.pdf
12	The Computation Of Stiffness Derivative For An Ogive In The Hypersonic Flow	Renita Sharon Monis	Mathematics	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	2018	2249-6890	https://www.tjprc.org/journals/journal-of-mechanical-engineering	https://www.researchgate.net/publication/327337950_The_Computation_of_Stiffness_Derivative_for_an_Ogive_in_the_Hypersonic_Flow#:~:text=Renita%20Sharon%20Monis,and%20Management%20(S
13	Evaluation of stiffness derivative for a delta wing with straight leading edges in unsteady flow	Renita Sharon Monis	Mathematics	International Journal of Engineering and Advanced Technology (IJEAT)	2019	2249 – 8958	https://www.ijeat.org/	https://www.ijeat.org/wp-content/uploads/papers/v8i3S/C11610283S19.pdf
14	An Effect Of Sweep Angle On Roll Damping Derivative For A Delta Wing With Curved Leading Edges In Unsteady Flow	Renita Sharon Monis	Mathematics	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	2019	2249-8001	https://www.tjprc.org/journals/journal-of-mechanical-engineering	https://www.researchgate.net/publication/331465152_An_Effect_of_Sweep_Angle_on_Roll_Damping_Derivative_for_a_Delta_Wing_with_Curved_Leading_Edges_in_Unsteady_Flow#:~:text=Renita%20Sha
15	Investigation of Dry Sliding Wear Properties of Multi-directional Forged Mg-Zn Alloys	Gajanan Anne	Mechanical Engineering	Journal of Magnesium and Alloys,	2019	2213-9567	https://www.sciencedirect.com/journal/journal-of-magnesium-and-alloys	https://doi.org/10.1016/j.jma.2019.05.008
16	Influence of Heat Treatment on Cr and Fe-rich precipitates in thermally aged Duplex Steels	Dr. Gajanan Anne	Mechanical Engineering	Emerging Materials Research	2019	2046-0147	https://www.emeraldgrouppublishing.com/journal/jemmr	https://www.icevirtuallibrary.com/doi/epdf/10.1680/jemmr.18.00004
17	Improving Surface Roughness of Burnished Components using Abrasive Particles	Mr. Pavana Kumara	Mechanical Engineering	International Journal of Automotive and Mechanical Engineering	2019	2229-8649	https://journal.ump.edu.my/ijame	https://journal.ump.edu.my/ijame/article/view/80/65
18	Machinability and related properties of austempered ductile iron: A review	Dr. Anand Hegde	Mechanical Engineering	Journal of Mechanical Engineering and Sciences	2018	2289-4659	https://journal.ump.edu.my/ijame	https://journal.ump.edu.my/jmes/article/view/1098/207
19	Mechanical Characteristics Evaluation of Dual Phase and related Hardening techniques on AISI 4340 steel	Dr. Anand Hegde	Mechanical Engineering	Journal of Mechanical Engineering and Sciences	2018	2289-4659	https://journal.ump.edu.my/ijame	https://journal.ump.edu.my/jmes/article/view/1080/170
20	Effects of Combined Multiaxial Forging and Rolling Process on Microstructure, Mechanical Properties and Corrosion Behavior of a Cu-Ti Alloys	Dr. Gajanan Anne	Mechanical Engineering	Materials Research Express	2019	2053-1591	https://iopscience.iop.org/journal/2053-1591	https://iopscience.iop.org/article/10.1088/2053-1591/ab0764

21	Influence of Multi-Directional Forging on Microstructural, Mechanical and Corrosion Behaviour of Mg-Zn Alloy	Dr. Gajanan Anne	Mechanical Engineering	Journal of Materials Engineering and Performance	2019	1544-1024	https://link.springer.com/journal/11665	https://link.springer.com/article/10.1007/s11665-019-04007-0
22	Investigations on Effect of Different Ball Burnishing Conditions on Surface Roughness Using Response Surface Methodology	Mr. Pavana Kumara	Mechanical Engineering	Journal of Modern Manufacturing Systems and Technology	2019	2636-9575	https://journal.ump.edu.my/jmmst	https://journal.ump.edu.my/jmmst/article/view/1800/318
23	Experimental and Numerical Investigations on Heat Transfer Characteristics of Open Cell Al6061 Alloy Foam	Dr. Raja Yateesh Yadav	Mechanical Engineering	International Journal of Research	2019	2236-6124	https://ijrpublisher.com/	https://app.box.com/s/f0bk0ho9i1rsuxdwnltt4d8ri8rk1lk2
24	Properties of glass fiber hybridized woven Flax and sisal fabric hybrid composites	Mr. Ganesh R Kalagi	Mechanical Engineering	International Journal of Research and Analytical Reviews (IJRAR),	2019	2349-5138	https://www.ijrar.org/	https://www.ijrar.org/papers/IJRAR19J1267.pdf
25	Investigation of Antiallergic and Antipruritic activity studies of Shorea robusta oleoresin and Wrightia tinctoria bark extracts by animal models	Prof. Dr. K K Srinivasan	Chemistry	Saudi Journal of Medical and Pharmaceutical Sciences	2018	2413-4929	https://saudijournals.com/journal/sjmps/home	https://saudijournals.com/media/articles/SJMPS_412_1427-1434_c.pdf
26	Experimental and Theoretical Evaluation of Rutin as Eco-Friendly Corrosion Inhibitor for Aluminum 6063 Alloy in Acidic Medium	Reena Kumari P. D	Chemistry	Journal of Failure Analysis and Prevention	2018	1854-1245	https://link.springer.com/journal/11668	https://link.springer.com/article/10.1007/s11668-018-0473-x
27	Synthesis of novel Schiff base benzamides via ring opening of thienylidene azlactones for potential antimicrobial activities	Dr. Subbulakshmi N Karanth	Chemistry	Research on Chemical Intermediates	2018	1568-5675	Home | Research on Chemical Intermediates (springer.com)	https://link.springer.com/article/10.1007/s11164-018-3362-8
28	Sentimental Analysis of Student Feedback using Machine LearningTechniques	AdeshN. D	Computer Science & Engineering	International Journal of Recent Technology and Engineering (IJRTE),	2019	2277-3878	https://www.ijrte.org/	https://www.ijrte.org/wp-content/uploads/papers/v8i1s4/A11810681S419.pdf
29	Ambient Assisted Living: A Research on Human ActivityRecognition and Vital Health Sign Monitoring using Deep Learning Approaches	Manoj T	Computer Science & Engineering	International Journal of Innovative Technology and Exploring Engineering	2019	2278-3075	https://www.ijitee.org/	https://www.ijitee.org/wp-content/uploads/papers/v8i6s4/F11110486S419.pdf
30	A Comprehensive Review of Neural Network AssistedMachine Vision System for Automatic Fruit Sorting and Grading	Vasudeva	Computer Science & Engineering	Global Journal of Engineering Science and Researches	2019	2348–8034	https://www.gjesr.com/	https://www.gjesr.com/Issues%20PDF/ICRTCET-18/40.pdf
31	Dew Point Temperature Estimation: Application of Artificial Intelligence Model Integrated with Nature-Inspired Optimization Algorithms.	Sujay Raghavendra Naganna	Civil Engineering	Water	2019	2073-4441	https://www.mdpi.com/journal/water	https://www.mdpi.com/2073-4441/11/4/742
32	Multiple AI model integration strategy—Application to saturated hydraulic conductivity prediction from easily available soil properties	Sujay Raghavendra Naganna	Civil Engineering	Elesiver (Soil and Tillage Research)	2019	0167-1987,	https://www.sciencedirect.com/journal/soil-and-tillage-research	https://www.sciencedirect.com/science/article/abs/pii/S0167198719301795?via%3Dihub

33	Experimental Investigation on Utilization of Waste Shredded Rubber Tire as a Replacement to Fine Aggregate in Concrete	Sujay Raghavendra Naganna	Civil Engineering	Springer	2019	2366-2557	https://link.springer.com/	https://link.springer.com/chapter/10.1007/978-981-13-3317-0_49
Total count as per the SOP of the metric i e paper per teacher= 33+08 = 41								
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