

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 2019-20.

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 2019-20								
1	Inhibition Effects of Ethyl-2-Amino-4-Methyl-1,3-Thiazole-5-Carboxylate on the Corrosion of AA6061 Alloy in Hydrochloric Acid Media	Raviprabha.K	Chemistry	Journal of Failure Analysis and Prevention	2019	ISSN 1464-1474	https://link.springer.com/journal/11668	https://link.springer.com/article/10.1007/s11668-019-00744-5
2	5-(3-Pyridyl)-4H-1,2,4-triazole-3-thiol as Potential Corrosion Inhibitor for AA6061 Aluminium Alloy in 0.1 M Hydrochloric Acid Solution	Raviprabha.K	Chemistry	Surface Engineering and Applied Electrochemistry	2019	ISSN 1068-3755	https://link.springer.com/journal/11987	https://link.springer.com/article/10.3103/S1068375519060103
3	Electrochemical and Quantum Chemical Studies of 5-(4-Chlorophenoxy) Methyl]-4H-1,2,4-Triazole-3-Thiol on the Corrosion Inhibition of 6061 Al Alloy in Hydrochloric Acid	Raviprabha.K	Chemistry	Journal of Failure Analysis and Prevention	2020	ISSN 1598-1608	https://link.springer.com/journal/11668	https://link.springer.com/article/10.1007/s11668-020-00954-2
4	“Corrosion Inhibition Effect of Ethyl 1-(4-Chlorophenyl)-5-Methyl 1H-1,2,3-Triazole-4 Carboxylate on Aluminium Alloy in Hydrochloric Acid”	Raviprabha.K	Chemistry	Protection of Metals and Physical Chemistry of Surfaces	2020	ISSN 2070-2051	https://link.springer.com/journal/11124	https://link.springer.com/article/10.1134/S2070205120060209
5	Crystal structure, Hirshfeld surfaces and biological studies of 4, 5-dihydro-1,3,4-oxadiazole-2-thiones	Subbulakshmi N Karanth	Chemistry	Chemical Data Collections	2019	ISSN: 2405-8300	https://www.sciencedirect.com/journal/chemical-data-collections	https://www.sciencedirect.com/science/article/abs/pii/S2405830018302453
6	A highly selective chemosensor derived from benzamide hydrazones for the detection of cyanide ion in organic and organic-aqueous media: design, synthesis, sensing and computational studies	Subbulakshmi N Karanth	Chemistry	supramolecular chemistry	2020	ISSN: 1029 - 0478	https://www.tandfonline.com/journals/gsch20	https://www.tandfonline.com/doi/full/10.1080/10610278.2020.1770248
7	Corrosion inhibition of mild steel by 6-bromo-(4,5-dimethoxy-2-nitrophenyl)methylidene]imidazo[1,2-a]pyridine-2-carboxyhydrazide	Dr. Reena Kumari PD	Chemistry	AIP, conference proceedings	2020	ISSN: 1551-7616	https://pubs.aip.org/aip/acp	https://pubs.aip.org/aip/acp/article-abstract/2244/1/040006/723768/Corrosion-inhibition-of-mild-steel-by-6-bromo-4-57redirectedFrom=PDF
8	Some results on set colorings of directed trees	Nisha Reena Nazareth, Lolita Priya Castelino	Mathematics	Journal of Mathematical and Computational science	2020	ISSN: 1927-5307	https://scik.org/index.php/jmcs	https://scik.org/index.php/jmcs/article/view/4425
9	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	ISSN: 2249-6890	https://journals.indexcopernicus.com/search/details?id=45150	https://issuu.com/tjprc/docs/35ijmperdapr201935

10	Effect of sweep angle and a half sine wave on roll damping derivative of a delta wing	Renita Sharon Monis	Mathematics	international Journal of recent Technology and Engineering(IJRTE)	2019	ISSN: 2277-3878	https://www.tjprc.org/	https://issuu.com/tjprc/docs/35ijimperdapr201935
11	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	ISSN: 2249-8958	https://www.ijeat.org/	https://www.ijeat.org/wp-content/uploads/papers/v8i3S/C11610283S19.pdf
12	Estimation Of Damping Derivatives For Delta Wings In Hypersonicflow For Straight Leading Edge	Renita Sharon Monis	Mathematics	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	2019	ISSN: 2249-6890	https://www.tjprc.org/	https://issuu.com/tjprc/docs/22ijimperdoct201922
13	Analysis of Damping Derivatives for Delta Wings in Hypersonic Flow for Curved Leading Edges with Full Sine Wave	Renita Sharon Monis	Mathematics	International Journal of Engineering and Advanced Technology (IJEAT)	2019	ISSN: 2249 – 8958	https://www.ijeat.org/	https://www.researchgate.net/profile/Sher-Khan-14/publication/337006605_Analysis_of_Damping_Derivatives_for_Delta_Wings_in_Hypersonic_Flow_for_Curved_Leading_Edges_with
14	Analytical Estimation of Stability Derivatives of Wing with curved Leading Edges at Hypersonic Mach number	Renita Sharon Monis	Mathematics	Test Engineering And Management	2019	ISSN: 0193-4120	http://www.testmagzine.biz/index.php/testmagzine	http://testmagzine.biz/index.php/testmagzine/article/view/6133/4834
15	Estimation of Hypersonic Unsteady and Quasisteady damping derivatives for delta wings at large incidence Drives	Renita Sharon Monis	Mathematics	International Journal of Advanced Science and Technology	2020	ISSN: 2005-4238	http://sersc.org/journals/index.php/IJAST/index	http://iirep.iium.edu.my/81244/1/81244_Est%20of%20Hypersonic%20Unsteady.pdf
16	Image Enhancement based on Fusion using 2D LPDCT and Modified PCA	Vasudeva	Computer Science & Engineering	International Journal of Engineering and Advanced Technology	2019	ISSN: 2249-8958	https://www.ijeat.org/	https://www.ijeat.org/wp-content/uploads/papers/v8i6S3/F12640986S319.pdf
17	Advanced Multispectral Image Fusion based on Frequency Partition and Normalization	Vasudeva	Computer Science & Engineering	Journal of Advanced Research in Dynamical & Control Systems	2019	ISSN:1943-023X	https://www.jardcs.org/	https://www.jardcs.org/abstract.php?id=3939
18	Adaptive Receiver-Window Adjustment for Delay Reduction in LTE Networks	Adesh N D	Computer Science & Engineering	Journal of Computer Networks and Communications - Hindawi	2019	ISSN:2090-7141	https://www.hindawi.com/journals/jcnc/	https://www.hindawi.com/journals/jcnc/2019/3645717/
19	Avoiding queue overflow and reducing queuing delay at eNodeB in LTE networks using congestion feedback mechanism	Adesh N D	Computer Science & Engineering	Computer Communications - Elsevier	2019	ISSN: 0140-3664	https://www.sciencedirect.com/journal/computer-communications	https://www.sciencedirect.com/science/article/abs/pii/S0140366419300131
20	Sentimental Analysis of Student Feedback using Machine Learning Techniques	Adesh N D	Computer Science & Engineering	International Journal of Recent Technology and Engineering	2019	ISSN: 2277-3878	https://www.ijrte.org/	https://www.ijrte.org/wp-content/uploads/papers/v8i1s4/A11810681S419.pdf
21	Ambient Assisted Living: A review on Human Activity Recognition and Vital Health Sign Monitoring Using Deep Learning Approaches	Manoj T	Computer Science & Engineering	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019	ISSN: 2278-3075,	https://www.ijitee.org/	https://www.ijitee.org/wp-content/uploads/papers/v8i6s4/F11110486S419.pdf

22	Air Pollution Monitoring and Prediction System	Ramya D Shetty	Computer Science & Engineering	International Journal of Recent Technology and Engineering	2019	ISSN: 2277-3878	https://www.ijrte.org/	https://www.ijrte.org/wp-content/uploads/papers/v8i253/B111907825319.pdf
23	Review on Women Security System	Dhanya Shenoy	Computer Science & Engineering	International Journal of Innovative Science and Research Technology (IJISRT)	2019	ISSN:2456-2165	https://www.ijisrt.com/	https://ijisrt.com/wp-content/uploads/2019/05/IJISRT19AP731.pdf
24	An Efficient Multifocus Image Fusion Method using Curvelet Transformation and Normalization	Vasudeva	Computer Science & Engineering	International Journal of Future Generation Communication and Networking	2020	ISSN: 2233-7857	http://sersc.org/journals/index.php/ijfgcn	http://sersc.org/journals/index.php/IJFGCN/article/view/30151/16701
25	Review on Security in Wireless Sensor Networks	Manjunatha A S	Computer Science & Engineering	Journal of Critical Reviews	2020	ISSN- 2394-5125	https://www.jcreview.com/	https://www.jcreview.com/admin/Uploads/Files/63149f90ad8c98.48446846.pdf
26	A survey on Efficient and Secure Techhiques for Storing Sensitive Data on Cloud	Dr. Raghavendra S	Computer Science & Engineering	International Journal of Computer Sciences and Engineering	2019	ISSN: 2347-2693	https://www.ijcseonline.org/	https://www.researchgate.net/publication/335807825_A_Survey_on_Efand64257cient_and_Secure_Techniques_for_Storing_Sensitive_Data_on_Cloud
27	Survey on Artificial Intelligence	Dr. Raghavendra S	Computer Science & Engineering	International Journal of Computer Sciences and Engineering	2019	ISSN: 2347-2693	https://www.ijcseonline.org/	https://www.ijcseonline.org/pdf_paper_view.php?paper_id=4488&300-IJCE-07322-29.pdf
28	A Survey on Challenges, Trends and Technologies of Internet of Things	Dr. Raghavendra S	Computer Science & Engineering	International Journal of Computer Sciences and Engineering	2019	ISSN: 2347-2693	https://www.ijcseonline.org/	https://www.ijcseonline.org/pdf_paper_view.php?paper_id=4653&154-IJCE-07322-23.pdf
29	Hybrid Energy Efficient and QoS Aware Algorithm for Intelligent Transportation system in IoT	Dr. Raghavendra S	Computer Science & Engineering	International Journal of Grid and Utility Computing	2020	ISSN: 1741-8488	https://www.inderscience.com/jhome.php?jcode=ijguc	https://www.inderscience.com/info/inarticle.php?artid=110897
30	VASD 2 OM: Virtual Auditing and Secure De-duplication with Dynamic Ownership Management in Cloud	Dr. Raghavendra S	Computer Science & Engineering	International Journal of Recent Technology and Engineering	2020	ISSN: 2277-3878	https://www.ijrte.org/	https://www.ijrte.org/wp-content/uploads/papers/v8i6/F7825038620.pdf
31	CRUPA: Collusion Resistant User Revocable Public Auditing of Shared Data in Cloud	Dr. Raghavendra S	Computer Science & Engineering	Journal of Cloud Computing, Advances, Systems and Applications	2020	ISSN: 2192-113X	https://journalofcloudcomputing.springeropen.com/	https://journalofcloudcomputing.springeropen.com/counter/pdf/10.1186/s13677-020-00188-5.pdf
32	Multifocus Image Fusion Based On Multiresolution And Modified Principal Component Analysis	Vasudeva	Computer Science & Engineering	ICTACT Journal on Image and Video Processing	2020	ISSN: 0976-9102	https://ictactjournals.in/IJIVP/About/ijivp.aspx	https://ictactjournals.in/paper/IJIVP_Vol_11_Iss_2_Paper_10_2345_2353.pdf
33	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

34	Anthropometric Measurement Extraction Using Perspective Transform	Sachin Bhat	Electronics & Communication Engineering	Journal of Critical Reviews	2020	ISSN: 2394-5126	https://www.jcreview.com/	https://www.jcreview.com/paper.php?slug=anthropometric-measurement-extraction-using-perspective-transform
35	Stress State Detection of Social Media user using Neural Network based Factor Graph Model	Sachin Bhat	Electronics & Communication Engineering	Test Engineering and Management	2020	ISSN: 0193-4120	http://www.testmagzine.biz/index.php/testmagzine	http://testmagzine.biz/index.php/testmagzine/article/view/6921
36	Comparative Physical Study Of Evans Blue By Fe3o4@CF-R Coated Combination Of Decorated Go And Tio2 Magnetic Nanocomposite	Sachin Bhat	Electronics & Communication Engineering	Rasayan: Journal of Chemistry	2020	ISSN: 0974-1496	https://rasavanjournal.co.in/	https://sode-edu.in/wp-content/uploads/2024/03/3.3.1-36-Sachin-19-20.pdf
37	Preprocessing of historical manuscripts using phase congruency and gaussian mixture model	Sachin Bhat	Electronics & Communication Engineering	Far East Journal of Electronics and Communication	2019	ISSN: 0973-7006	https://www.pphmj.com/journals/fjec.htm	http://www.pphmj.com/abstract/12357.htm
38	Restoration of Characters in Degraded Inscriptions using Phase Based Binarization and Geodesic Morphology	Sachin Bhat	Electronics & Communication Engineering	International Journal of Recent Technology	2019	ISSN: 2277-3878	https://www.ijrte.org/	https://www.researchgate.net/profile/Sachin-Bhat-4/publication/344348792_Restoration_of_Charaacters_in_Degraded_Inscriptions_using_Phase_Based_Binarization_and_Geodesic_Morp
39	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	ISSN: 2278-3075	https://www.ijitee.org/	https://www.ijitee.org/wp-content/uploads/papers/v8i8/H7418068819.pdf
40	Design and Analysis of 8-T and 5-T based XOR and XNOR gates using Soft Computing Tools	Sowmya Bhat	Electronics & Communication Engineering	International Journal of Engineering Research & Technology (IJERT)	2019	ISSN: 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
41	Face Recognition student attendance system using Deep Learning	Chetan R	Electronics & Communication Engineering	IJCESR	2020	ISSN: 2393-8374	https://troindia.in/journal/ijcesr/	https://troindia.in/journal/ijcesr/vol7iss8/24-28.pdf
42	A combination of Wireless and Optical Mode Communication in Sensor Networks for Efficient Data Transmission	Balachandra Achar	Electronics & Communication Engineering	Journal of critical reviews	2020	ISSN- 2394-5125	https://www.jcreview.com/	https://www.jcreview.com/admin/Uploads/Files/632d53d56da6b9_39545757.pdf
43	Random Forest Algorithm based Strain Analysis on Composite Materials using Digital Image Processing	Balachandra Achar	Electronics & Communication Engineering	IJAST	2020	ISSN: 2207-6360	http://sercs.org/journals/index.php/IJAST	http://sercs.org/journals/index.php/IJAST/article/view/23271
44	Dual Parametric Stabilization of Interference and Throughput in Wireless Sensor Network- Optical Communication	Balachandra Achar H V	Electronics & Communication Engineering	International Journal of Advanced Trends in Computer Science and Engineering	2019	ISSN 2278-3091	https://www.warse.org/IJATCSE/	https://www.warse.org/IJATCSE/static/pdf/file/ijatcse18852019.pdf
45	Experimental and Numerical Investigations on Heat Transfer Characteristics of Open Cell Al6061 Alloy Foam	Raja Yateesh Yadav	Mechanical Engineering	International Journal of Research	2019	ISSN:2236-6124	https://ijrpublisher.com/	https://app.box.com/s/f0bk0ho9i1rsuxdwnl1t4d8ri8rk1k2

46	Development of Eco-Friendly Silencer	Raja Yateesh Yadav	Mechanical Engineering	Studies in Indian Place Names	2020	ISSN: 2347-3150	https://www.tpsindia.org/index.php/sipn	https://www.academia.edu/65833223/Development_of_Eco_Friendly_Silencer
47	Improvement of Mechanical Properties of Aluminium 6061 based Metal Matrix Composite with Addition of Granite Particulate	Raja Yateesh Yadav	Mechanical Engineering	International Journal of Innovative Technology and Exploring Engineering	2020	ISSN: 2278-3075	https://www.ijitee.org/	https://www.ijitee.org/wp-content/uploads/papers/v9i7/G5011059720.pdf
48	Optimization of ball-burnishing process parameters on surface roughness, micro hardness of Mg–Zn–Ca alloy and investigation of corrosion behavior	Aditya Kudva S	Mechanical Engineering	Materials Research Express	2019	ISSN 2053-1591	https://iopscience.iop.org/journal/2053-1591	https://iopscience.iop.org/article/10.1088/2053-1591/ab40f2
49	Influence of Ball Burnishing Process on Equal Channel Angular Pressed Mg-Zn-Si Alloy on the Evolution of Microstructure and Corrosion Properties	Gajanan Anne	Mechanical Engineering	Silicon, Springer	2020	ISSN: 1549–1560	https://link.springer.com/journal/12633	https://link.springer.com/article/10.1007/s12633-020-00541-y
50	Investigation of Dry Sliding Wear Properties of Multi-directional Forged Mg-Zn Alloys	Gajanan Anne	Mechanical Engineering	Journal of Magnesium and Alloys, Elsevier	2019	ISSN:2213-9567	https://www.sciencedirect.com/journal/journal-of-magnesium-and-alloys	https://www.sciencedirect.com/science/article/pii/S2213956719300623
51	Effects of combined multiaxial forging and rolling process on microstructure, mechanical properties and corrosion behavior of a Cu-Ti alloys	Gajanan Anne	Mechanical Engineering	Materials Research Express, IOP science	2019	ISSN 2053-1591	https://iopscience.iop.org/journal/2053-1591	https://iopscience.iop.org/article/10.1088/2053-1591/ab0764/meta
52	Influence of Multi-Direction Forging on Microstructural, Mechanical and Corrosion Behaviour of Mg-Zn Alloy	Gajanan Anne	Mechanical Engineering	Journal of Materials Engineering and Performance, Springer	2019	ISSN:1059-9495	https://link.springer.com/journal/11665	https://link.springer.com/article/10.1007/s11665-019-04007-0
53	Development, Characterization, Mechanical and Corrosion Behaviour Investigation of Multi-direction Forged Mg–Zn Alloy	Gajanan Anne	Mechanical Engineering	Magnesium Technology 2019, Springer	2019	ISSN: 1545-4150	https://link.springer.com/book/10.1007/978-3-030-05789-3	https://link.springer.com/chapter/10.1007/978-3-030-05789-3_50
54	Effect of rolling reduction on microstructure and mechanical properties Cu-3%Ti alloy	Gajanan Anne	Mechanical Engineering	Advances in Manufacturing Technology, Springer	2019	ISSN:2195-4356	https://link.springer.com/book/10.1007/978-981-13-6374-0	https://link.springer.com/chapter/10.1007/978-981-13-6374-0_20
55	Enhancing streamflow forecasting using the augmenting ensemble procedure coupled machine learning models: Case study of Aswan High Dam	Sujay Raghavendra Naganna	Civil Engineering	Hydrological Sciences Journal	2019	ISSN:0262-6667	https://www.tandfonline.com/	https://www.tandfonline.com/doi/full/10.1080/02626667.2019.1661417
56	Multiple AI model integration strategy—Application to saturated hydraulic conductivity prediction from easily available soil properties	Sujay Raghavendra Naganna	Civil Engineering	Water Resources Management	2020	ISSN: 0920-4741	https://www.sciencedirect.com/journal/soil-and-tillage-research/vol/196/suppl/C	https://www.sciencedirect.com/science/article/abs/pii/S0167198719301795
Total count as per the SOP of the metric given by NAAC i.e paper per teacher= 56+01 = 57								
This color indicates multiple author's of our institution (SMVITM,Bantakal) has contributed for the same paper								