3.4.3 Details of research papers per teacher in CARE Journals notified on UGC website during the year

	Name of the Author(s)	Department of the Author(s)	Title of the Paper	Name of the Journal	Month and Year of publication	ISSN	Link to the notification in UGC enlistment of the Journal
1	Dr.M.Chittaranjan, J.Harish, M.Sriram, A.Usha	CE	Effect of sugarcane press mud on the Geotechnical properties of an Expansive Soil.	International Journal of Engineering Research and Applications	**Jun 2021**	ISSN: 2248-9622, Vol. 11, Issue 6, (Series-II)	
2	Dr. Vamsi Krishna Mamidi	ME	An investigation on wear properties of SiC/WC strengthened aluminiumalloy hybrid composites	Materials Today: Proceedings	2021	ISSN NO: 2214-7853	https://doi.org/10.1016/j.matpr.2020.12.416
3	Dr. K. Madhivanan, Dr. N. Rajesh, P. Charan Theja	ME	Review of Friction Stir Processing of aluminium Alloys using NanoMaterials	PENSEE International Journal	2021	ISSN NO: 0031-4773	https://app.box.com/s/cjcar97l8585bzh2vidqm3vq48ruhbek
4	Dr. Vamsi Krishna Mamidi, K. Arun B. Eswaraiah, Dr. M. Chandra sekhara Reddy	ME	A Literature Review on Processing Methods and Influence of Zirconium on Aluminium Alloys	PENSEE International Journal	2021	ISSN NO: 0031-4773	https://app.box.com/s/zqkrd2wrz710je3lfsegvp681l3mqeuy
5	D. Raju, G. Guru Sai Prasad, V. Ajay, G. Guru Mahesh, Dr. M.Vamsi Krishna	ME	Multi-Response Optimization of Process Parameters in AWJ Machining of Inconel 800 by Grey Relational Method	PENSEE International Journal	2021	ISSN NO: 0031-4773	https://app.box.com/s/runofic8lwb7lef8hdj4yqtk95lot4ff
6	Dr. M. Chandra Sekhara Reddy, K. Madhivanan, K. Prashnath Reddy	ME	The Friction Stir Process by using nanomaterials in aluminium alloy: A Review	Zeichen Journal	2021	ISSN No: 0932-4747	http://www.ezeichen.com/gallery/1549.pdf
7	K.RenugaDevi, M.Chandra SekharaReddy	ME	Optimization of surface treatment in Calotropis Gigantea (CG)-fibre yarn by simple techniques and characterization of CG fibre yarn reinforced laminate	Journal of Materials Research and Technology	2021	ISSN 2238-7854	https://doi.org/10.1016/j.jmrt.2020.08.058
8	M. Chandra Sekhara Reddy, M. Gopala Krishna	ME	Effect of Machining Parameters on Hole Quality in Dry Drilling of CFRP using Ti-AlN Nano Coated Drill Bit	The International journal of analytical and experimental modal analysis	2021	ISSN0886-9367	https://drive.google.com/file/d/1BxUeiwHYpvd-z84N83z3FE9HRElWYgb0/view
9	Dr. Rajesh N Guru Mahesh G	ME	Study of Machining Parameters on Tensile strength and Surface roughness of ABS samples printed by FDM	Advances In Materials And Processing Technologies	2021		https://doi.org/10.1080/2374068X.2021.1946758
10	Dr.E.Venkata Konaiah, S.Jaya Kishore,K.Harshavardhan Reddy, D.Anjan kumar Reddy	ME	Influence of initial aspect ratio on the deformation behaviour of sintered low alloy steel through axial hot forging	Journal of Interdisciplinary Cycle Research	May 2021	Volume XIII, Issue V	
11	S.Jayakishore, P.Charan teja	ME	Experimental investigation of abrasive water jet machining on HAST alloy C-276 using soft computing	The international journal of analytical and experimental model analysis	May 2021	Volume XIII, Issue V	
12	D.Anjan kumar Reddy, K.Harshavardhan Reddy,K.Arun	ME	Design and evaluation of 5-axis vertical Turret lathe	Journal of Interdisciplinary Cycle Research	May 2021	Volume XIII, Issue V	
13	Dr.PESN.Krishna Prasad	CSE	Multimodal Authentication using Tensor Algebra	International Journal of Emerging Technologies in Engineering Research	2020	2347 - 3983	http://www.warse.org/IJETER/static/pdf/file/ijeter33892020.pdf
14	Dr.PESN.Krishna Prasad	CSE	Identification of Sickle cell anemia using deep neural networks	Emerging Science	2020		https://ijournalse.org/index.php/ESJ/article/view/445
15	Dr.K.Sekar	CSE	Squid Species matching using fuzzy edge based algorithm	International Journal of Recent Technology and Engineering	2020	2277-3878	https://www.ijrte.org/wp-content/uploads/papers/v8i6/E6759018520.pdf
16	Dr.K.Sekar	CSE	Predictive Analysis Model of diabetic patient EHRs using advanced machine learning Techniques	International journal of future generation communication and networking	2020	3,9	https://sersc.org/journals/index.php/IJFGCN/article/view/8632/4801
17	Dr.P.Dileep Kumar Reddy	CSE	Performance of Different Hadoop Clusters with Map Reducing Techniques	Journal of Advanced Science and Technology	2020	2005-4238	http://sersc.org/journals/index.php/IJAST/article/view/10065

18	Dr.P.Dileep Kumar Reddy	CSE	Improving the accuracy of heart attack risk prediction based on 4 information gain feature selection technique	Materials Today	2020		https://doi.org/10.1016/j.matpr.2020.12.079
19	Dr.P.Dileep Kumar Reddy	CSE	Unsupervised image data Classification by Using Deep Neural Networks	Journal of Emerging Technologies and Innovative Research	2020	2349-5162	http://www.jetir.org/view?paper=JETIR2012153
20	Dr.P.Dileep Kumar Reddy	CSE	DLM technique for QoS improvement in MANETS	Wireless Networks	2020		https://doi.org/10.1007/s11276-021-02622-1(0123456789().,-volV)(0123
21	Dr.R.Swathi	CSE	Diagnosis of Tumors using Co-occurrence Matrix and ANN Model	International Journal of Grid and Distributed Computing	2020	2005 – 4262	http://sersc.org/journals/index.php/IJGDC/article/view/34130
22	M.Vikram	CSE	Unsupervised image data Classification by Using Deep Neural Networks	Journal of Emerging Technologies and Innovative Research	2020	2349-5162	http://www.jetir.org/view?paper=JETIR2012153
23	K. Santhi	CSE	An Empirical Analysis on Data Preprocessing Over Two-Class versus Multi-Class Imbalance Learning	International Journal of Future Generation Communication and Networking	2020	2233-7857	https://sersc.org/journals/index.php/IJFGCN/article/view/29686
24	K. Santhi	CSE	AN AUTOMATED FRAMEWORK FOR CORONARY ANALYSIS FROM CORONARY CINE ANGIOGRAMS USING MACHINE LEARNING AND IMAGE ANALYSIS TECHNIQUES	Information Technology in Industry	2020	2204-0595	
25	S. Srinivasulu	CSE	Fuzzy COmplex PRoportional ASsessment of alternativesbased Node Cooperation Enforcing Trust Estimation Scheme for enhancing Quality of Service during reliable data dissemination in Mobile Ad hoc Networks	Int J Commun Syst. 2021;e4767	2020		DOI: 10.1002/dac.4767
26	S. Srinivasulu	CSE	Gaussian Trust Factor-based Grey Decision Making Technique (GTF-GDMT) for Node Cooperation Enforcement in MANETs	International Journal of Intelligent Engineering and Systems	2020		DOI: 10.22266/ijies2021.1031.15
27	A.Ganesh	CSE	Enhancing the security of routing in vehicular ad hoc networks	Int J Commun Syst	2020		DOI: 10.1002/dac.4597
28	V.Gowri	CSE	Enhanced Approach for Disease Prediction in Sugarcane Crop with the support of advanced machine learning strategies	Annals of the Romanian Society for Cell Biology	2020	1583-6258	https://www.annalsofrscb.ro/index.php/journal/article/view/7091
29	K.SreeDivya	CSE	Asset Mapping Using K-NN To Evaluate the Distance Measure Between Assets	International Journal of Future Generation Communication and Networking	2020	2233-7857	http://www.sersc.org/journals/index.php/IJFGCN/article/view/34022
30	B.Ramakantha Reddy	CSE	Comparative Analysis of Sentiment Analysis on social media	Information Technology in Industry	2020	2203-1731	https://it-in-industry.org/index.php/itii/article/view/213
31	K.Manoj Kumar	CSE	Enhancement of Medical IoT using Hybrid Neuro Fuzzy Techniques	International Journal of Future Generation Communication and Networking	2020	2233-7857	https://sersc.org/journals/index.php/IJFGCN/article/view/30802
32	K.Naveen	CSE	Diagnosis of Tumors using Co-occurrence Matrix and ANN Model	International Journal of Grid and Distributed Computing	2020	2005 – 4262	http://sersc.org/journals/index.php/IJGDC/article/view/34130

33	P.Liyaz	**CSE**	Learning Precise Timing of Multiple Spikes in Multilayer Spiking Neural Networks Using Supervised Learning Algorithm	International Journal of Future Generation Communication and Networking	2020	2233-7857	http://www.sersc.org/journals/index.php/IJFGCN/article/view/33974
34	A.Kumar	**CSE**	Learning Precise Timing of Multiple Spikes in Multilayer Spiking Neural Networks Using Supervised Learning Algorithm	International Journal of Future Generation Communication and Networking	2020	2233-7857	http://www.sersc.org/journals/index.php/IJFGCN/article/view/33974
35	B.Surendra Reddy	**CSE**	Learning Precise Timing of Multiple Spikes in Multilayer Spiking Neural Networks Using Supervised Learning Algorithm	International Journal of Future Generation Communication and Networking	2020	2233-7857	http://www.sersc.org/journals/index.php/IJFGCN/article/view/33974
36	Kumar, K., Ramji Tiwari, P. Venkata Varaprasad, Challa Babu, and K. Jyotheeswara Reddy.	**EEE**	Performance evaluation of fuel cell fed electric vehicle system with reconfigured quadratic boost converter	International Journal of Hydrogen Energy	February, 2021	0360-3199	https://www.sciencedirect.com/science/article/abs/pii/S0360319920345237?via%3Dihub
37	Kumar, K., S. Rafi Kiran, T. Ramji, S. Saravanan, P. Pandiyan, and N. Prabaharan.	EEE	Performance Evaluation of PhotoVoltaic System with Quadratic Boost Converter Employing with MPPT Control Algorithms	International Journal of Renewable Energy Research- IJRER	September, 2020	1309-0127	https://doi.org/10.20508/ijrer.v10i3.10800.g7982
38	Suresh Penagaluru, Gowri Manohar.T	EEE	Mitigation of voltage disturbances in pv interconnected grid using anfis based dynamic voltage restorer	International Journal of Advanced Science and Technology	2020	2207-6360	http://sersc.org/journals/index.php/IJAST/article/view/4653
39	R. Sireesha,C. Srinivasa Rao,M. Vijaya Kumar	EEE	Reliability Evaluation of Decentralized Multi Microgrid Distribution Networks	International Journal of Advanced Science and Technology	Augest,2020	2207-6360	http://sersc.org/journals/index.php/IJAST/article/view/37491
40	R. Sireesha,C. Srinivasa Rao,M. Vijaya Kumar	EEE	Optimal design of Reliable Multi Micro Grid based Distribution Systems (MMGDS)	Solid State Technology	2020		http://solidstatetechnology.us/index.php/JSST/article/view/3007
41	Dr. D Srinivasulu Reddy,Mr.K.R.Surendra	ECE	Graph cut Method Based Segmentation of Magnetic Resonance(MRI) Images of the Brain	Journal of Emerging Technologies and Innovative Research(JETIR)	July 2020	2349-5162	https://www.jetir.org/papers/JETIR2007239.pdf
42	Dr. K.Sai Venu Prathap,Mr. K.Gopi,Mr. Kishore Kumar K	ECE	A Real Time haze Removal & mosaicing using RPH	International Journal of Innovative Technology and Exploring Engineering	August, 2020	2278-3075	10.35940/ijitee.J7370.0891020
43	Dr. M. Suresh Kumar	ECE	Solution-processed photoactive trigonal Cu2BaSnS4 thin films for efficient solar energy harvesting	Materials Characterization	April,2021	1044-5803	https://amrita.edu/publication/solution-processed-photoactive-trigonal-cu2basns4-thin-films-for-efficient-solar-energy-harvesting/
47	Dr. S. Gautami& Dr. Nalla Bala Kalyan	MBA	Stressed Assets Effect on Post Merger Scheduled Commercial Banks in India	International Journal of Trend in Scientific Research and Development (IJTSRD)	February, 2020	ISSN: 2456-6470	https://www.ijtsrd.com/papers/ijtsrd30234.pdf

48	Dr. Nalla Bala Kalyan	MBA	An Empirical Study on Development of MSME Sector in Chittoor District of Andhra Pradesh, India	Elsevier (SSRN): Emerging Markets: Theory & Practice E-journal	May13, 2020	ISSN: 1556-5068	http://dx.doi.org/10.2139/ssrn.3568268
49	Dr. P. Subramanyam & Dr. Nalla Bala Kalyan	MBA	Jeopardy and Arrival Analysis of Certain Cement Securities in India	International Journal of Advanced Science and Technology	2020	ISSN: 2005-4238	http://sersc.org/journals/index.php/IJAST/article/view/12295
50	Toopalli Sirisha & Dr. Nalla Bala Kalyan	MBA	A Study on the Derivatives Market in India	Elsevier (SSRN): Derivatives E-journal	Jan 21, 2020	ISSN: 2005-4238	https://www.researchgate.net/publication/338660819_A_Study_on_the_Derivatives_Market_in_India
51	Y. Maheswari & Dr. Nalla Bala Kalyan	MBA	Operations of Futures and Options with Reference to India Infoline Ltd, India	Elsevier (SSRN): Econometric Modeling: Derivatives E-journal	Apr 29, 2020	ISSN: 1556-5068	https://www.researchgate.net/publication/340929155_Operations_of_Futures_and_Options_with_Reference_to_India_Infoline_Ltd_India
52	Y. Maheswari & Dr. Nalla Bala Kalyan	MBA	Inventory Management Pattern of Steel Industry in India	Elsevier (SSRN): Organizations & Markets: Policies & Processes E-journal	May 1, 2020	ISSN: 1556-5068	https://www.researchgate.net/publication/340904065_Inventory_Management_Pattern_of_Steel_Industry_in_India
53	Dr. Nalla Bala Kalyan	MBA	An Experiential Examination of Financial Performance of Foremost Power Segment Organization - APSPDCL	Elsevier (SSRN): energy policy & economics e-journal	Jul 27, 2020	ISSN: 1556-5068	https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3573404
54	Dr. Nalla Bala Kalyan	MBA	A Study on Performance of Equity Stocks in Indian Commodity Market	Elsevier (SSRN): Capital Markets: Asset Pricing & Valuation E-journal	Mar 9, 2020	ISSN: 1556-5068	http://dx.doi.org/10.2139/ssrn.3527924
55	Dr. Nalla Bala Kalyan	MBA	Brand Awareness of Big Bazaar Hypermarket and its Competitors in India	International Educational Applied Scientific Research Journal (IEASRJ)	Feb, 2020	e-ISSN: 2456-5040	
56	Dr. Nalla Bala Kalyan	MBA	Efficiency of Culture and Expansion on Workers in India	International Journal of Engineering Technology Research & Management	Feb, 2020	ISSN: 2456-9348	https://www.researchgate.net/publication/354066663_EFFICIENCY_OF_CULTURE_AND_EXPANSION_ON_WORKERS_IN_INDIA
57	P.Viswanatha Reddy	MBA	Analysis of Equity Stock Behavior During Global Financial Crisis	Elsevier (SSRN): Capital Markets: Asset Pricing & Valuation E-journal	Aug 12, 2020	ISSN: 1556-5068	http://dx.doi.org/10.2139/ssrn.3640080
58	Dr.S.MURALI KRISHNA	IT	Integration of Correlation Based Feature Selection and Decision Tree Classifier to Improve the Thyroid Disease Diagnosis	JCR	Sep-20	ISSN: 2394-5125	http://www.jcreview.com/fulltext t/197-1595849551.pdf?1602135302
59	Dr.K.Hema Latha	IT	Data Analysis on Biopsies of Breast Cancer Tumors Data Using Data Science	LAIS	July-2020	ISBN: 978-3-030-46939-8	https://doi.org/10.1007/978-3- 030-46939-9_40
60	Dr.K.Hema Latha	IT	A Comparison of Multi Support Vector Machine Performance with Popular Decomposition Strategies on Alzheimer's Data	LAIS	July-2020	ISBN: 978-3-030-46939-9	https://doi.org/10.1007/978-3- 030-46939-9_41
61	Dr.K.SRIKANTH	IT	Classification of Satellite Visuals of Fires in Amazon Rainforest Using CNN Model	IJFGCN	August-2020	ISSN: 2233-7857	http://sersc.org/journals/index.php/IJFGCN/article/view/29751
62	A.BASI REDDY	IT	Enhancement of Medical IoT using Hybrid Neuro Fuzzy Techniques	IJFGCN	August-2020	ISSN: 2233-7857	http://sersc.org/journals/index.php/IJFGCN/article/view/30802

| 63 | A.BASI REDDY | IT | Diagnosis of Tumors using Co-occurrence Matrix and ANN Model | IJGDC | December-2020 | ISSN: 2005-4262 | http://sersc.org/journals/index.php/IJGDC/article/view/34130/1 8893 |

64	Dr. G. Manjula	S&H	Effect of annealing temperature on Nickel ferrite thin films by chemical spray pyrolysis	Solid State Technology	January-2021	ISSN:0038-111X	http://solidstatetechnology.us/index.php/JSST/article/view/9744
65	N. Vanaja & Dr. T. Murari	S&H	English Language Laboratories (ELLs) Play a Vital Role on professional Students in Engineering Colleges	Proteus Journal	January-2021	ISSN:0889-6348	https://www.researchgate.net/publication/349027791_English_Language_Laboratories_ELLs_Play_a_Vital_Role_on_Professional_Students_in_Engineering_Colleges
66	M. Kalyan kumar	S&H	Social prejudice in Mahesh Dattani's where there's a will	Proteus Journal	January-2021	ISSN:0889-6348	http://proteusresearch.org/gallery/pj-2809.13-f.pdf
67	M. Indu Priya	S&H	A novel LC-MS method development and validation for the determination of phenyl vinyl sulfone in eletriptan hydrobromide	Future Journal of Pharmaceutical Sciences	January-2021	ISSN:2314-7245	https://fjps.springeropen.com/track/pdf/10.1186/s43094-020-00175-2.pdf
68	SK. Mastan	S&H	Articulation point based herostic algorithm for minimum weight vertex cover problem	GIS Science Journal	January-2021	ISSN:1869-9391	https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3768341
69	B. Muni Sudhakar	S&H	Structural, optical and anti bacterial properties of Nd-doped NiO nanoparticles using SESBANIA GRANDIFLORA LEAF	Indian Journal of Science and Technology	May-2021	ISSN:0974-6846	https://sciresol.s3.us-east-2.amazonaws.com/IJST/Articles/2021/Issue-18/IJST-2021-554.pdf
70	A. Muni Krishnaiah	S&H	Method development and validation of amlodipine and cilnidipine in human plasma by using liquid chromatography and tandem	International Journal of research in pharmaceutical sciences	December-2020	ISSN:0975-7538	https://pharmascope.org/ijrps/article/view/4132/10947
71	A. Muni Krishnaiah & Dr. N. Manohar Reddy	S&H	FTIR spectroscopy and dielectric properties of reconstituted buffalo powered milk with water	Proteus Journal	December-2020	ISSN:0889-6348	https://doi.org/10.37896/PJ11.12/038
72	L. Narendra Mohan	S&H	An advanced signature scheme based on non-abelian group over algebraic technique	Lecture notes in Electrical engineering	October-2020	ISSN:978-981-15-8220-2	10.1007/978-981-15-8221-9_267
73	SK. Mastan	S&H	A novel application of meta-heuristic algoritham in mitigating travelling salesman problem	Proteus Journal	September-2020	ISSN:0889-6348	https://www.researchgate.net/publication/346020757_A_NOVEL_APPLICATION_OF_META-HEURISTIC_ALGORITHM_IN_MITIGATING_TRAVELLING_SALESMAN_PROBLEM
74	Dr. B. Sumalatha	S&H	Influence of elasticity in an inclined annulus of nanofluid with peristaltic transport	Heat Transfer Wiley publications	September-2020	ISSN:2688-4542	https://onlinelibrary.wiley.com/doi/10.1002/htj.21974
75	Dr. P. Maninagakumar	S&H	Peristaltic flow of Jeffery fluid with heat and mass transfer through an inclined asymmetric tapered channel under an influence of slip boundary conditions	Journal of Xidian University	August - 2020	ISSN:1001-2400	
76	Dr. P. Maninagakumar	S&H	Peristaltic pumping of ellis fluid through an inclined circular tube	Journal of Xidian university	August - 2020	ISSN:1001-2400	
77	Dr. C. Gangi Reddy	S&H	(sigma,tau) semi derivations on prime nearrings	Journal of Xidian University	August - 2020	ISSN:1001-2400	https://doi.org/10.37896/jxu14.8/125
78	L. Narendra Mohan	S&H	Novel secured digital payment gateway with dynamic password on multiple private keys (PIN) connecting SET protocol on ECC in E-Commerce applications	International Journal of future generation communication and networking	August - 2020	ISSN:2233-7857	http://www.sersc.org/journals/index.php/IJFGCN/article/view/32031
79	M. Indhu Priya	S&H	New LC-MS method development and validation for quantitative estimation of 2-Acetoxy ethyl acetoxy methyl ether in acyclovir	Research Journal of Pharmacy and Technology	July-2020	ISSN:0974-360X	