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Criterion 3: - Research, Innovations and Extension

Sl. No	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier (DOI) number
							Is it listed in UGC Care list/Scopus/Web of Science/other, mention
	2020-2021						
1	Total number of ways of transmission from a higher level to lower level using truth table and combinatorics	S.Sudha	Maths	Materials Today: Proceedings	2020-2021	2214-7853	Scopus
2	Analytical investigation of MR damper for vibration control: A review	C. Daniel	Civil	Journal of Applied Engineering Sciences	2020-2021	2247-3769	UGC
3	Analytical approach to estimate equivalent strut width for wire meshed masonry infilled RC frame under dynamic loading	C. Daniel	Civil	Civil Engineering and Architecture	2020-2021	2332-1091	UGC
4	Axial compression behavior analysis of insulated concrete form (ICF) wall panel with fiber cement board	C. Daniel	Civil	Material science forum	2020-2021	1662-9752	Scopus
5	Experimental Study on Retrofitted RC T-BEAM Using FRP	Mrs. S. Hemavathi	Civil	International Journal of Innovative Science and Research Technology	2020-2021	2456-2165	Others
6	Experimental Study on Retrofitted RC T-BEAM Using FRP	Mrs. B. N. Brinila Bright	Civil	International Journal of Innovative Science and Research Technology	2020-2021	2456-2165	Others
7	Experimental Study on Retrofitted RC T-BEAM Using FRP	Mr. M. B. Shanmuharajan	Civil	International Journal of Innovative Science and Research Technology	2020-2021	2456-2165	Others

3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years (10)

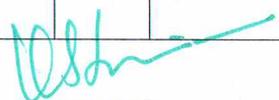| 8	Social Network Analysis for Image Origin Classification	Nirmala J	CSE	Turkish Journal of Computer and Mathematics Education	2020-2021	1309-4653	Others
9	Secured ICA Technique on Bimodal Biometric Images Using Private Watermarking with DCT	Muthukumar B	CSE	Intelligent Systems and Computer Technology	2020-2021	978-1-64368-103-0	Scopus
10	Quality of Security Improvement in WSNs by Integrating Ant Colony Optimization	Chintala Venkatesh	EEE	Solid State Technology	2020-2021	0038-111X	Scopus
11	Efficient Band Offset Estimation for HEVC and its VLSI Implementation	Srinivasan K S	EEE	Springer series Advances in Intelligent Systems and Computing	2020-2021	2194-5357	Web of Science
12	Efficient Band Offset Estimation for HEVC and its VLSI Implementation	Manju I	EEE	Springer series Advances in Intelligent Systems and Computing	2020-2021	2194-5357	Web of Science
13	Effect of 4-Aminobutyltriethoxysilane modified Al2O3 nanoparticles on the dielectric properties of epoxy nanocomposites for high voltage application	Nisha P	EEE	Silicon	2020-2021	1876-9918	Scopus
14	A Decision Based Unsymmetrical trimmed Modified Winsorized Geometric Mean for the Removal of High Density Salt and Pepper Noise in Images	Srinivasan K S	EEE	European Journal of Molecular & Clinical Medicine	2020-2021	2515-8260	Scopus
15	Garbage Collection Robot and Monitoring System Using Wireless Communication	Srinivasan K S	EEE	European Journal of Molecular & Clinical Medicine	2020-2021	2515-8260	Scopus
16	Semantic Based Security for Health Data over Sensor Network	Srinivasan K.S	EEE	International Journal of Future Generation Communication and Networking	2020-2021	673-688	Others

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17	Semantic Based Security for Health Data over Sensor Network	B.Muthuku mar	EEE	International Journal of Future Generation Communicat ion and Networking	2020-2021	673-688		Others
18	A Decision based Multiple Threshold based Algorithm for elimination of Impulsive Noises and Artifacts in Images	Srinivasan K S	EEE	Turkish Journal of Physiotherap y and Rehabilitatio n	2020-2021	2651-4451		Scopus
19	Power Factor Improved using CSC Converter in PMBLDC Motor	Radhika S	EEE	International Journal of Trend in Scientific Research and Developmen t (IJTSRD)	2020-2021	2456-6470		Scopus
20	Power Factor Improved using CSC Converter in PMBLDC Motor	Nisha P	EEE	International Journal of Trend in Scientific Research and Developmen t (IJTSRD)	2020-2021	2456-6470		Scopus
21	Health Impacts of Micronutrient Deficiencies on Humans—A Review	Srinivasan K S	EEE	International Journal of Food and Nutritional Sciences	2020-2021	2319-1775		Others
22	Health Impacts of Micronutrient Deficiencies on Humans—A Review	Manju I	EEE	International Journal of Food and Nutritional Sciences	2020-2021	2319-1775		Scopus
23	Health Impacts of Micronutrient Deficiencies on Humans—A Review	Vairaperuma l K	EEE	International Journal of Food and Nutritional Sciences	2020-2021	2319-1775		Scopus
24	Health Impacts of Micronutrient Deficiencies on Humans—A Review	Mohamed Malik S	ECE	International Journal of Food and Nutritional Sciences	2020-2021	2319-1775		Scopus
25	Health Impacts of Micronutrient Deficiencies on Humans—A Review	S,Naveen Kumar	ECE	International Journal of Food and Nutritional Sciences	2020-2021	2319-1775		Scopus

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26	Automatic Detection of Invasive and Noninvasive Lobules of the Breast in Mammogram Images	Dr.Dhiravid achelvi	ECE	Turkish Journal of Physiotherapy and Rehabilitation	2020-2021	2651-4451	Scopus
27	Automatic Detection of Invasive and Noninvasive Lobules of the Breast in Mammogram Images	M.Kamarajan	ECE	Turkish Journal of Physiotherapy and Rehabilitation	2020-2021	2651-4451	Scopus
28	Automatic Detection of Invasive and Noninvasive Lobules of the Breast in Mammogram Images	E.Jayanthi	ECE	Turkish Journal of Physiotherapy and Rehabilitation	2020-2021	2651-4451	Scopus
29	Automatic Detection of Invasive and Noninvasive Lobules of the Breast in Mammogram Images	IS.Suganthi	ECE	Turkish Journal of Physiotherapy and Rehabilitation	2020-2021	2651-4451	Scopus
30	Automatic Detection of Invasive and Noninvasive Lobules of the Breast in Mammogram Images	S.Priyadharshini	ECE	Turkish Journal of Physiotherapy and Rehabilitation	2020-2021	2651-4451	Scopus
31	Automatic Detection of Invasive and Noninvasive Lobules of the Breast in Mammogram Images	S.Sonadevi	ECE	Turkish Journal of Physiotherapy and Rehabilitation	2020-2021	2651-4451	Scopus
32	A Cyber-Safety IoT-Enabled Wearable Microstrip Antenna for X-Band Applications	Mr.M.Kamarajan	ECE	Mobile Computing and Sustainable Informatics	2020-2021	978-981-16-1866-6_2	Scopus
33	Performance Analysis of MIMO-OFDM System for Under water Communication	Mr.M.Kamarajan	ECE	Journal of Interdisciplinary cycle Research, Volume 7,Issue 9, Page 1546-1550	2020-2021	0022-1945	Others

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34	Smart LPG Level Monitoring, Booking and Leakage Detection System using IOT	Mr.M.Kama rajan	ECE	The international Journal of analytical and experimental modal analysis, Volume 07, Issue 09,Page 1089-1091	2020-2021	0886-9367	Others
35	Calotropis Gigantea Fiber Epoxy Composites: Influence of Fiber Orientation On Mechanical Properties and Thermal Behavior	Ramesh G	Mechani cal Engineer ing	Journal of Natural Fibers	2020-2021	1544-0478	SCI
36	Multi response optimization of friction stir welding process parameter on dissimilar Magnesium Alloys aAZ 31 and ZM 21 using Taguchi-Based Grey relation Analysis	S Prasath	Mechani cal Engineer ing	La Metalluriga Italiana	2020-2021	0026-0843	SCI
37	Study on influence of fiber length and fiber weight proportion in mechanical behavior of calotropis gigantea fiber-epoxy composites	Ramesh G	Mechani cal Engineer ing	Polymer composites	2020-2021	3495-4577	UGC
38	Sliding wear behavior of AlTin PVD Coating On Tittanium alloy for Orthopedic Application	Saravanan M P	Mechani cal Engineer ing	International Journal of Mechanical and Production Engineering Research and Developmen t	2020-2021	2249-8001	Scopus
39	Modeling and simulation of an Automotive Drivetrain	B. Janarthanan	Mechani cal Engineer ing	International Journal of Scientific Research in Engineering and Management	2021-2022	2582-3930	UCG
40	Characteristic Investigation of Macro Fiber Composite Structure Using FE Model	M.P. Saravanan	Mechani cal Engineer ing	Archives of Metallurgy And Materials	2021-2022	1733-3490	Scopus
41	Multi-objective approach for protection of micro grids using surrogate assisted particle swarm optimization (SAPSO)	D Weslin	IT	Applied Nanoscience	2020-2021	2190-5517	Scopus/WOS

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42	Unsupervised End-to-End Brain Tumor Magnetic Resonance Image Registration Using RBCNN: Rigid Transformation, B-Spline Transformation and Convolutional Neural Network	Mr.S.Senthil Pandi	IT	Current medical imaging	2020-2021	1573-4056	Scopus/WOS
43	Prehistoric Stone Image Tamil Character Recognition using Optimized Deep Neural Network using Zernike Moments and Simplex Method	Mr.S.Senthil Pandi	IT	Turkish Journal of Computer and Mathematics Education (TURCOMAT)	2020-2021	1309-4653	Others
44	A Dynamic and Unique Approach for Energy Consumption Prediction In High Raised Buildings	Mr.S.Senthil Pandi	IT	Turkish Online Journal of Qualitative Inquiry	2020-2021	1309-6591	Others