



PUBLICATION DETAILS

S.NO	Name of the Faculty	Title of the paper	Website link to Article	Link to the Documents
Academic Year 2022-2023				
1	V. Murali	The absorption behaviour of biochar derived from Prosopis juliflora with surface modified by KOH against Allura red dye	View	view
2	V. Murali	Study on hydrogeochemical assessment, groundwater quality index for drinking, seawater mixing index and human health risk assessment of nitrate and fluoride	View	View
3	R.Raja, S.Regina, N.Ezhilmathi, C.Murugan	An IOT based system monitoring crop Fertilization	View	View
4	K.R.Premlatha, R.Raja, S.Regina	Topic Profile based learning Materials Retrieval using LDA	View	View
5	R.Raja, S.Regina, K.R.Premlatha	Developing an Embedded Vehicle Accident Alert system : Black Box Design	View	View
6	R.Raja,S.Regina	Monitoring streetlight using IOT Technology to detect fault automatically	View	View
7	M.kasthuri,G.Ragha Dharini,M.Shanmugapriya	A Review paper on Characteristic study of plastic waste for construction Industry	View	View
8	M.Kasthuri	A Review on Sewage Waste Water Treatment in Disarray of Madurai	View	View
9	R.Raja, S.Regina, N.Ezhilmathi,C.Murugan	Dental Caries Detection using NIR Images with Encoder Modified U-Net and Feature Pyramid Network	View	View
10	V.Murali,C.Murugan, P.Saravanan	Evaluation of chlorination and chloramination to degrade the Endocrine Disruptor Compounds in ground water	View	View
11	S.Rajamuneeswaran	Investigations on Silicon Carbide Reinforced High Entropy Alloy (CoCrNiMnFe) matrix Composites Produced by Powder Metallurgy Process	View	View

Academic Year 2021-2022				
1	Palanichamy R	Application of TRIZ Concepts in Automobile Parts Production Industry: A Case Study	View	View
2	Palanichamy R	Effect of Taguchi Counter Plot Function with Process Window Approach Validation in the Sand Casting Process	View	View
3	S.Manikandan	A 2D Unified Suntheshold Drain Current Investigation for Junction Less Cylindrical Surrounding gate (JCSG) Silicon Nanowire Transistors	View	View
4	B Sakthivel	Deep Learning-Based Image Processing Approach for Irradiance Estimation in MPPT Control of Photovoltaic Applications	View	View
5	B Sakthivel	An Optimized Deep-Learning-Based Low Power Approximate Multiplier Design	View	View
6	S.Rajamuneeswaran	Artificial Neural Network Modeling of Abrasion Loss and Surface Roughness of Crab Carapace Impregnated Coir Vinyl Ester Composites	View	View
Academic Year 2020-2021				
1	Palanichamy.R	Lean Six Sigma Implementation In Industries – A Review	View	View
2	Palanichamy.R	Effect of the critical parameters to optimize the sand casting process using Taguchi Method	View	View
3	S.Manikandan	A Quasi 2-D Electrostatic Potential And Threshold Voltage Model For Junctionless Triple Material Cylindrical Surrounding Gate Si Nanowire Transistor	View	View
4	C. Murugan	Investigations on Electric Discharge Machining Behaviour of Si3N4 -TiN Ceramic Composite	View	View
5	S. Rajamuneeswaran	Spark erosion machining behaviour of coconut shell ash reinforced silicon metal matrix	View	View
6	S. Rajamuneeswaran	A comparative study on mechanical properties of coir fiber reinforced polymer composites filled with calcium carbonate particles	View	View
Academic Year 2019-2020				
1	S.Nagarajan	New and robust composite micro structured descriptor (CMSD) for CBIR	View	View