



MOHAMED SATHAK AJ COLLEGE OF ENGINEERING

(Approved by All India Council for Technical Education,
New Delhi and affiliated to Anna University, Chennai)
Siruseri IT Park, Egattur, Chennai - 603 103

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
							Link to article/paper/abstract of the article
	2018-2019						
1	Experimental Study on the Strength of Concrete using Quarry Dust and Marble Powder	Mr. V. Antony Francis	Civil	International Journal for Scientific Research & Development	2018 - 2019	2321-0613	http://www.ijrd.com/articles/IJSRDV4I41132.pdf
2	Replacement Of Cement By Using Nano Titanium Dioxide And Black Carbon Powder In High Strength Concrete	Ms. S. Maheswari	Civil	International Research Journal of Engineering and Technology (IRJET)	2018 - 2019	2395 - 0072	https://www.irjet.net/archives/V5/i9/IRJET-V5I9110.pdf
3	Replacement Of Cement By Using Nano Titanium Dioxide And Black Carbon Powder In High Strength Concrete	V. Antony Francis	Civil	International Research Journal of Engineering and Technology (IRJET)	2018 - 2019	2395 - 0072	https://www.irjet.net/archives/V5/i9/IRJET-V5I9110.pdf
4	Replacement Of Cement By Using Nano Titanium Dioxide And Black Carbon Powder In High Strength Concrete	R. Arvind Saravan	Civil	International Research Journal of Engineering and Technology (IRJET)	2018 - 2019	2395 - 0072	https://www.irjet.net/archives/V5/i9/IRJET-V5I9110.pdf
5	Echocardiography image segmentation using feed forward artificial neural network (FFANN) with fuzzy multi-scale edge detection (FMED)	Sampath.R	CSE	International Journal of Signal and Imaging Systems Engineering	2018-2019	1748-0710	https://www.inderscience.com/offer.php?id=100651
6	Cervical Cancer Identification with Synthetic Minority Oversampling Technique and PCA Analysis using Random Forest Classifier	S. Sivasubramanian	CSE	Journal of Medical Systems	2018 - 2019	43:286	https://link.springer.com/article/10.1007/s10916-019-1402-6
7	Analysis of regional atrophy and prolong adaptive exclusive atlas to detect the alzheimers neuro disorder using medical images	Sampath.R	CSE	Multimedia Tools and Applications	2018-2019	1380-7501	https://link.springer.com/article/10.1007/s1042-019-7213-4



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8	Effective Energy Measurement and Billing System Using Arduino GSM Shield	Vairaperuma l K	EEE	International Research Journal of Engineering and Technology (IRJET)	2018 - 2019	2395 - 0072	https://www.irjet.net/archives/V5/i11/IRJET-V5I11163.pdf
9	Effective Energy Measurement and Billing System Using Arduino GSM Shield	Dinesh M	EEE	International Research Journal of Engineering and Technology (IRJET)	2018 - 2019	2395 - 0072	https://www.irjet.net/archives/V5/i11/IRJET-V5I11163.pdf
10	Effective Energy Measurement and Billing System Using Arduino GSM Shield	Senthil Kumar P	EEE	International Research Journal of Engineering and Technology (IRJET)	2018 - 2019	2395 - 0072	https://www.irjet.net/archives/V5/i11/IRJET-V5I11163.pdf
11	Effective Energy Measurement and Billing System Using Arduino GSM Shield	Mubeena S	EEE	International Research Journal of Engineering and Technology (IRJET)	2018 - 2019	2395 - 0072	https://www.irjet.net/archives/V5/i11/IRJET-V5I11163.pdf
12	Design and Detection of Underground Cable Fault Using Raspberry Pi & IOT System	Senthil Kumar P	EEE	International Research Journal of Engineering and Technology (IRJET)	2018 - 2019	2456 - 6470	https://doi.org/10.31142/ijtsrd19037
13	Design and Detection of Underground Cable Fault Using Raspberry Pi & IOT System	Mubeena S	EEE	International Research Journal of Engineering and Technology (IRJET)	2018 - 2019	2456 - 6470	https://doi.org/10.31142/ijtsrd19037
14	Design and Detection of Underground Cable Fault Using Raspberry Pi & IOT System	Dinesh M	EEE	International Research Journal of Engineering and Technology (IRJET)	2018 - 2019	2456 - 6470	https://doi.org/10.31142/ijtsrd19037
15	An Efficient Optimal Key Based Chaos Function For Medical Image Security	E.Dhiravida chelvi	ECE	IEEE ACCESS	2018 - 2019	2169-3536	https://ieeexplore.ieee.org/document/8528441
16	Object Recognition Using Perspective Glass For Blind/Visually Impaired	S.Naveen Kumar	ECE	Journal of Embedded Systems and Processing, Volume 4	2018 - 2019		https://zenodo.org/record/2624630#.Yd1VyzNBzIU



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17	Speed Control of Road Vehicles Using Internet of Things (IOT)	K.Sabitha Banu	ECE	Journal of Emerging Technologies And Innovative Research, Volume 5, Issue 6	2018 - 2019	2349-5162	https://www.jetir.org/papers/JETIRC006123.pdf
18	Performance combustion and emission characteristics of novel biofuel peppermint oil in diesel engine	A Gurusamy	Mechanical Engineering	International Journal of Environmental Science and Technology	2018-2019	1735-1472	https://doi.org/10.1007/s13762-019-02270-1
19	Investigation on influence of blending Jatropa biofuel with diesel to improve fuel quality	R Prabu	Mechanical Engineering	Australian Journal of Mechanical Engineering	2018-2019	1448-4846	https://doi.org/10.1080/14484846.2019.1567029
20	Review on material aspects of solar Thermal collectors	Maridurai T	Mechanical Engineering	International Journal of Mechanical Engineering and Technology	2018-2019	0976-6340	https://www.researchgate.net/publication/326928800_Review_of_solar_thermal_collectors
21	Review on material aspects of solar Thermal collectors	Muhammad Irfan A A	Mechanical Engineering	International Journal of Mechanical Engineering and Technology	2018-2019	0976-6340	https://www.researchgate.net/publication/326928800_Review_of_solar_thermal_collectors
22	Thermal Performance Enhancements Techniques of Box Solar Cooker	Maridurai T	Mechanical Engineering	International Journal of Mechanical and Production Engineering Research and Development	2018-2019	1214-1220	https://www.researchgate.net/publication/339427193_THERMAL_PERFORMANCE_ENHANCEMENTS_TECHNIQUES_OF_BOX_SOLAR_COOKER
23	Thermal Performance Enhancements Techniques of Box Solar Cooker	Muhammad Irfan A A	Mechanical Engineering	International Journal of Mechanical and Production Engineering Research and Development	2018-2019	1214-1220	https://www.researchgate.net/publication/339427193_THERMAL_PERFORMANCE_ENHANCEMENTS_TECHNIQUES_OF_BOX_SOLAR_COOKER



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24	Optimization of machining parameters during machining of austenitic stainless steel 304 in abrasive water jet machine	R Prabu	Mechanical Engineering	International Journal of Mechanical and Production Engineering Research and Development	2018-2019	1214-1220	https://www.researchgate.net/publication/331904308_OPTIMIZATION_OF_MACHINING_PARAMETERS_DURING_MACHINING_OF_AUSTENITIC_STAINLESS_STEEL_304_IN_ABRASIVE_WATER_JET_MACHINE
25	Optimization of machining parameters during machining of austenitic stainless steel 304 in abrasive water jet machine	T Maridurai	Mechanical Engineering	International Journal of Mechanical and Production Engineering Research and Development	2018-2019	1214-1220	https://www.researchgate.net/publication/331904308_OPTIMIZATION_OF_MACHINING_PARAMETERS_DURING_MACHINING_OF_AUSTENITIC_STAINLESS_STEEL_304_IN_ABRASIVE_WATER_JET_MACHINE