



JEPPIAAR INSTITUTE OF TECHNOLOGY

“Self-Belief | Self Discipline | Self Respect”



Journals

2020-2021

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
A Smart Queue Management System Using QR Code to Implement Social Distancing with Chat, Audio, And Video Communication	Dr. Faritha Banu. J	CSE	International Research Journal of Engineering and Technology (IRJET)	Apr-21	volume 8, Issue 2, e-ISSN: 2395-0056, p-ISSN: 2395-0072
E -Patient Deidentified Record Integration using Cloud Computing	Ms. Gladiss Merlin N. R	CSE	‘International Journal of Recent Technology and Engineering (JRTE)	Jul-20	ISSN:2277-3878
Detection of Liver Cancer Using Image Processing Techniques	Ms. Gladiss Merlin N. R	CSE	International Journal of Research and Analytical Reviews (IJRAR)	Jun-20	(E-ISSN 2348-1269

IoT based Cloud Integrated Smart Classroom for smart and a sustainable Campus	Dr. Faritha Banu J , Ms. Revathi R, Ms. Suganya M , Ms. Gladiss Merlin N R	CSE	Procedia Computer Science-Elseiver, Science Direct	Jun-20	1877-0509
Food Supply Chain Management Using Block Chain in Food Traceability	Ms.Sudha Mercy S	CSE	International Journal of Engineering and Advanced Technology(IJEAT)	June 2020	2249-8958
Analysis of water Observation using Arduino Based on GSM and Wireless Detector Technology	S.Baskaran	EEE	Test Engineering and Management	Jul-20	2493-24948
A novel classification approach to detect the presence of fetal cardiac anomaly from fetal electrocardiogram	M.Benisha	ECE	Int. J. Biomedical Engineering and Technology	Jun-20	ISSN online 1752-6426 ISSN print 1752-6418
Region of Interest Prediction using Segmentation	L.M. Merlin Livingston, S. Mary Cynthia	ECE	International Journal of Engineering and Advanced Technology (IJEAT)	Jun-20	ISSN: 2249-8958
Gesture Control Robot using Arduino	A.Parimala, W.Nancy, M.Benisha	ECE	International journal of advanced science and technology	Jun-20	ISSN: 2005-4238 IJAST

An IOT secured system design for real time health monitoring of post chemotherapeutic effects	R.Rubala, R.Thandaiah Prabu, M.Benisha	ECE	International journal of advanced science and technology	Jun-20	ISSN: 2005-4238 IJAST
Advanced Teaching Pedagogy as Innovative Approach in Modern Education System	Parimala A, W NANCY, Dr. L M Merlin Livingston	ECE	Elsevier -Procedia Computer Science	Jun-20	ISSN: 1877-0509
Crop Yield Prediction With Supervised Learning Techniques	Ms.Aruna Jasmine J,Ms.Sonia Jenifer Rayen	IT	STRAD Research	JULY – 2020.	ISSN: 0039-2049
A Gradient Boosted Decision Tree based Sentiment Classification of Twitter Data	Mr.S.Neelakanda n	IT	International Journal of Wavelets, Multiresolution and Information Processing	JULY – 2020.	ISSN: 0219-6913
Effect of design parameters on performance and emissions of a CI engine operated with diesel-biodiesel-higher alcohol blends	B. Rajesh Kumar	Mech	Renewable Energy, Elsevier	Jun-20	0960-1481
Effect of C3, C4, and C5 Alcohols Addition to Diesel in Conjunction with Injection Timing and Intake Dilution on the Characteristics of a DI Diesel Engine	Rajesh Kumar B	Mech	Energy & Fuels, ACS	Jun-20	0887-0624
Design and material characteristics of hybrid electric vehicle.	D Arunkumar	Mech	ScienceDirect Materials Today: Proceedings	Jun-20	2214-7854

computational fluid dynamics (CFD) analysis of the effect of size of the turbulent balls in fluidized bed cooling tower	N Mukilarasan	Mech	Test Engineering and Management	Jun-20	0193-4120
performance emission characteristics of compressed ignition engine with alternative fuel.	D Arunkumar	Mech	ScienceDirect Materials Today: Proceedings	Jul-20	2214-7855
Experimental Thermal evaluation of Fluidized Bed Cooling Tower (FBCT) with various Bed elevations and Spherical turbulent balls	N Mukilarasan	Mech	International journal of emerging trends in engineering research	Aug-20	ISSN 2347 - 3983
Injection and Exhaust Gas Recirculation Strategies for Reducing Emissions of Cyclohexanol-Diesel Blends in CI Engine	S. Boopathi, J. Ravikumar, R. Devanathan, S. A. Arokya Anicia	Mech	Advances in Materials and Manufacturing Engineering	Sep-20	978-981-15-6267-9
Combined effect of oxygenated additives, injection timing and EGR on combustion, performance and emission characteristics of a CRDi diesel engine powered by sapota biodiesel/diesel blends	J Ravikumar	Mech	Fuel, Elsevier	Sep-20	0016-2362
Collective influence of 1-decanol addition, injection pressure and EGR on diesel engine characteristics fueled with diesel/LDPE oil blends	B.Rajesh Kumar	Mech	Fuel, Elsevier	Oct-20	0016-2361
Comparative analysis on the effect of 1-decanol and di-n-butyl ether as additive with diesel/LDPE blends in compression ignition engine	B.Rajesh Kumar	Mech	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	Jun-20	ISSN:1556-7036E ISSN:1556-7230

Effect of anisole addition to waste cooking oil methyl ester on combustion, emission and performance characteristics of a DI diesel engine without any modifications	B.Rajesh Kumar	Mech	Fuel, Elsevier	Oct-20	0016-2362
Emission control and reduction in fuel consumption of two-stroke Si engine using nano-fragment as a catalyst	N Mukilarasan	Mech	AIP Conference Proceedings 2311	Dec-20	1551-7616
Application of natural dye obtained from sweet indrajao on fabrics	C. Kavitha	S & H	Journal of Current biochemical Engineering	20-Nov	2212-7127
Oscillating soliton propagation in SPNLS equation with symmetric potentials	S.Vijayaleshmi	S & H	Optik	20-Nov	0030-4026
Automated Parking Slot Reservation	Gladiss Merlin N. R	CSE	International Journal of Research and Analytical Reviews (IJRAR)	Apr-21	volume 8, Issue 2, e-ISSN: 2395-0056, p-ISSN: 2395-0072
Automated Speech Synthesis for Instant Notifications to Visually Challenged People	Dr. Faritha Banu. J	CSE	International Research Journal of Engineering and Technology (IRJET)	Apr-21	volume 8, Issue 2, e-ISSN: 2395-0056, p-ISSN: 2395-0072
Covid-19 Future Forecasting Using Supervised Machine Learning Models	Dayana R	CSE	International Research Journal of Engineering and Technology (IRJET)	Apr-21	volume 8, Issue 2, e-ISSN: 2395-0056, p-ISSN: 2395-0072

E-Bazaar implementation For Benefits of Agricultural Stakeholders	Dr. Tamilarasi. K	CSE	International Research Journal of Engineering and Technology (IRJET)	Apr-21	volume 8, Issue 2, e-ISSN: 2395-0056, p-ISSN: 2395-0072
Efficient indexing and retrieval of patient information from the big data using MapReduce framework and optimization	Ms. Gladiss Merlin N. R	CSE	Journal of Information Science	May-21	ISSN:0165-5515 E-ISSN:1741-6485
Emotion Detection and Recognition in Helpline Using Machine Learning	Gladiss Merlin N. R	CSE	International Journal of Research and Analytical Reviews (IJRAR)	Apr-21	volume 8, Issue 2, e-ISSN: 2395-0056, p-ISSN: 2395-0072
RPA Using Health Care Application	Suganya M	CSE	International Research Journal of Engineering and Technology (IRJET)	Apr-21	volume 8, Issue 2, e-ISSN: 2395-0056, p-ISSN: 2395-0072
Tumor Detection & Classification of Brain Image Using Machine Learning Technique	Gladiss Merlin N. R	CSE	International Journal of Research and Analytical Reviews (IJRAR)	Apr-21	volume 8, Issue 2, e-ISSN: 2395-0056, p-ISSN: 2395-0072
A New Systematic GDI Circuit Synthesis Using Mux Based Decomposition Algorithm And Binary Decision Diagram For Low Power ASIC Circuit Design	Dr.R.Uma	ECE	Elsevier Microelectronics Journal	Feb-21	ISSN: 0026-2692
An Effectual Plant Leaf Disease Detection using Deep Learning Network with IoT Strategies	Dr.R.Thandaiah Prabu	ECE	Annals of Romanian Society for Cell Biology	Apr-21	ISSN: 1583-6258

Design of Multiband Array Antenna in MM-Wave for 5G Applications	Dr.R.Thandaiah Prabu	ECE	Journal of Electrical Engineering	Mar-21	ISSN:1582-4594
Development of Optimal Feature Selection and Deep Learning Toward Hungry Stomach Detection Using Audio Signals	A. Sengol Jeyaseelan	ECE	Journal of Control, Automation and Electrical Systems	Apr-21	E- 2195-3880, P- 2195-3899
Experimental Analysis of Brain Tumor Detection System using Machine Learning Approach	Dr.R.Thandaiah Prabu	ECE	Material Today: Proceedings	Feb-21	ISSN 2214-7853
Handy Device for Pesticide Detection	Mrs.W.Nancy, Mr.Sachinkguru, Mr. Jayakumar, Mr.Balaji S, Mr. Dominic	ECE	International Research Journal of Engineering and Technology (IRJET)	Apr-21	E-ISSN-2395-0056 P-ISSN-2395-0072
IOT Based Applications in Soil less agriculture (Hydroponics)	Bhavani Sruthi.S , Reena Gladius.K, India.B.S	ECE	International Research Journal of Engineering and Technology (IRJET)	Apr-21	E-ISSN-2395-0056 P-ISSN-2395-0072
The future of Car Parking with IOT solutions	Ms.A.Parimala, Asfia Naaz A I, Mahalakshmi T, Kalaiselvi G	ECE	International Research Journal of Engineering and Technology (IRJET)	Apr-21	E-ISSN-2395-0056 P-ISSN-2395-0072
Detection of Fetal Cardiac Anomaly from Composite Abdominal Electrocardiogram	M.Benisha	ECE	Biomedical Signal Processing and Control	Dec-20	<u>1746-8094</u>
Covid Preventer Suite	Dr.Prajith Prabhakar	EEE	International journal of Scientific research in Engineering and management	Apr-21	ISSN: 2582-3930

Smart analysis of classroom with renewable based IOT device	Dr.Prajith Prabhakar	EEE	International journal of Scientific research in Engineering and management	May-21	ISSN: 2582-3930
Smart dissolution for controlled irrigation	Dr.Prajith Prabhakar	EEE	International journal of Scientific research in Engineering and management	May-21	ISSN: 2582-3930
Performance Investigation of cascaded Multilevel Inverter Brushless DC motor drive	Mr.S.Baskaran	EEE	International Journal of Aquatic science	2021	ISSN: 2008-8019
Integrated renewable energy sources for the minimization of emission and economic operation of power system	Mr.S.Baskaran	EEE	International Journal of Aquatic science	2021	ISSN: 2008-8019
Pursuit of Smart Restaurant using IoT	Mr.S.Baskaran	EEE	International journal of Scientific research in Engineering and management	2021	ISSN: 2582-3930
A comprehensive study on the effects of 1-decanol, compression ratio and exhaust gas recirculation on diesel engine characteristics powered with low density polyethylene oil	B.Rajesh Kumar	MECH	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	Oct-20	Print ISSN: 1556-7036 Online ISSN: 1556-7230
Experimental Thermal evaluation of Fluidized Bed CoolingTower (FBCT) with various Bed elevations and Spherical turbulent balls	N Mukilarasan	MECH	International journal of emerging trends in engineering research	44044	ISSN: 2347-3983

Preceptioning the Properties of Strongly Closed sets in Fuzzy Bi Topological Space	Dr.S.Shenbaga Ezhil	S&H	International Journal of Design Engineering	2021	ISSN 0011-9342
--	---------------------	-----	---	------	----------------