



ADITYA ENGINEERING COLLEGE

An Autonomous Institution

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List of published papers in national/ international conference proceedings during the year 2021

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1.	High performance IIR filter design with MOD-GDI based array multiplier	View
2.	A comparative study on machine learning based heart disease prediction	View
3.	Parametric analysis of schematic for efficient sub-system design with MOSFET's scaling factors	View
4.	Determination of physico-chemical parameters of coal mines water samples and their correlation establishment with WQI using python programming	View
5.	2- Port MIMO Antenna Design for 5G Communications	View
6.	Study of Soft-Starter based Induction Generator for Wind Energy Conversion System	View
7.	Highly Isolated Fork-Shaped MIMO Antenna for 5G Application	View
8.	Textile UWB MIMO Antenna for Wireless Applications	View
9.	A Hybrid Machine Learning Strategy Assisted Diabetic Retinopathy Detection based on Retinal Images	View
10.	Maximum Power Point Tracking for Photovoltaic Brushless DC Motor Connected Water Pumping System Based on GBDT-BOA Technique	View
11.	Malicious URL Detection using NLP, Machine Learning and FLASK	View
12.	Ad Prediction using Click Through Rate and Machine Learning with Reinforcement Learning	View
13.	Lens less Cameras for Face Detection and Verification	View
14.	Stripe Noise Removal from Remote Sensing Images	View
15.	Applications of Statistical Machine Learning Algorithms in Agriculture Management Processes	View
16.	Development of a mechanism for seed cum fertilizer drill	View
17.	Energy management with blockchain technology in DC microgrids	View
18.	Influence of maskless electrochemical micromachining process parameters during microtexturing	View
19.	Improvement in performance criteria of varactor micropattern by	View

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	pulsed maskless electrochemical micromachining	
20.	Parametric study of surface characteristics of laser micro-channel milling of zirconia (ZrO ₂) at defocused condition	View
21.	Experimental investigation on synthesis of biodiesel from non-edible Neem seed oil: Production optimization and evaluation of fuel properties	View
22.	Analysis on Photovoltaic Panel Temperature Under the Influence of Solar Radiation and Ambient Temperature	View
23.	Experimental investigation on the proneness of coal samples to spontaneous heating using proximate analysis and crossing point temperature method	View
24.	Performance Analysis of VSI-fed Single-Phase Induction Motor Drive Using Variable and Multi Pulse-Width Modulation Techniques	View
25.	Experimental investigation of friction stir welding on aluminium AA6063	View
26.	A rigidity approach to find distinct mechanisms of a planar kinematic chain	View
27.	Performance analysis of fuzzy and neural controller implementation in permanent magnet synchronous motor	View
28.	Improved Execution of the BLDC Motor using 3- Phase Conduction Mode for Electric Vehicle	View
29.	A Single-Phase Inverter Topology with Seven-Level Output based on T-type Structure	View
30.	Phishing website detection using novel machine learning fusion approach	View
31.	SMS Spam Detection using Machine Learning and Deep Learning Techniques	View
32.	A crystalview on multi-focus image fusion methods	View
33.	Heart disease prediction using feature selection and ensemble learning techniques	View
34.	Covid-19 in India: Lockdown analysis and future predictions using Regression models	View
35.	An additive approach to find distinct mechanisms of a planar kinematic chain	View
36.	Experimental investigations on gaseous hydrogen supplemented Aleurites Fordii biodiesel in a direct injection diesel engine for performance enhancement and reduction in emissions	View
37.	A novel approach to find optimum group replacement period	View
38.	Use of Schleicheria Oleosa biodiesel blends with conventional diesel in a compression ignition engine - A feasibility assessment	View
39.	Encapsulation of bioactive agent (Curcumin, Moringa) in electrospun nanofibers - Some insights into recent research trends	View
40.	A study of internet of things oriented smart medical systems	View

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41.	Neuromorphic advancements architecture design and its implementations technique	View
42.	Vehicle tracking and detection techniques using IoT	View
43.	Spliced images detection by using Viola-Jones algorithms method	View
44.	Design and analysis simple microstrip low-pass filter for wireless application	View
45.	Recognition of plant's leaf infection by image processing approach	View
46.	Generation of square micropattern using electrochemical micromachining	View
47.	Design of Unmanned Aerial Vehicles for various wireless applications	View
48.	Intensive analysis of intrusion detection methodology over Mobile Adhoc Network using machine learning strategies	View
49.	Mechanical properties of 304 stainless steel plates and friction stir welded Al 2219 alloy	View
50.	Sustainable utilization of waste slag aggregates as replacement of coarse aggregates in concrete	View
51.	Cognitive OFDM-NOMA Systems: A Succinct Study	View
52.	Study on power minimization techniques in SAR ADC devices by using comparators circuits	View
53.	Study of Echo Cancellation approach by using Least Mean Square (LMS) Algorithm	View
54.	Study on energy reduction techniques in STT-RAM	View
55.	Power Efficient Bit Lines: A Succinct Study	View
56.	A Review on Image Processing Sensor	View
57.	Analysis of received signal strength based on user position locating using ML methods	View
58.	Design and Implementation of an Efficient IIR Filter Architectures using Merged Delay Transformation	View
59.	Improved Design and Development of Crop Conveying Mechanism in Reaper Machine	View
60.	Cancer Prediction Using Novel Ranking Algorithms and Machine Learning	View
61.	Finding MST by Considering Increasing Cost Order of the Edges Incident on Vertices	View
62.	A Novel Approach to Find Minimum Cost Spanning Tree (MST) of a Graph	View
63.	Self-automated Fault Diagnosis System for Internal Combustion Engines	View
64.	Text2PyCode: Machine Translation of Natural Language Intent to Python Source Code	View

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65.	Automated Short Answer Grading Using Deep Learning: A Survey	View
66.	A Review of diverse procedure for Extraction of Fetal ECG	View
67.	Shape and Texture Features Extraction Using Segmented Histopathological Images	View
68.	Privacy by Design Approach for Vehicular Tripdata Using k-Anonymity Perturbation	View
69.	Adiabatic Logic-Based Area- and Energy-Efficient Full Adder Design	View
70.	Analysis of Quadcopter Technology as an Emergency Service	View
71.	Comparative Analysis of Rapid Single Flux Quantum (RSFQ) Circuit Technique Multipliers	View
72.	Error Correction Code: Study, Challenges, and Applications	View
73.	Review on Different Types of Multipliers and Its Performance Comparisons	View
74.	An Efficient Energy Management of Hybrid Renewable Energy Sources Based Smart-Grid System Using an IEPC Technique	View