



# ADITYA ENGINEERING COLLEGE

An Autonomous Institution

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

S. No.	Title of the Conference Paper	Link of the Document
1.	High performance IIR filter design with MOD-GDI based array multiplier	<a href="#">View</a>
2.	A comparative study on machine learning based heart disease prediction	<a href="#">View</a>
3.	Parametric analysis of schematic for efficient sub-system design with MOSFET's scaling factors	<a href="#">View</a>
4.	Determination of physico-chemical parameters of coal mines water samples and their correlation establishment with WQI using python programming	<a href="#">View</a>
5.	2- Port MIMO Antenna Design for 5G Communications	<a href="#">View</a>
6.	Study of Soft-Starter based Induction Generator for Wind Energy Conversion System	<a href="#">View</a>
7.	Highly Isolated Fork-Shaped MIMO Antenna for 5G Application	<a href="#">View</a>
8.	Textile UWB MIMO Antenna for Wireless Applications	<a href="#">View</a>
9.	A Hybrid Machine Learning Strategy Assisted Diabetic Retinopathy Detection based on Retinal Images	<a href="#">View</a>
10.	Maximum Power Point Tracking for Photovoltaic Brushless DC Motor Connected Water Pumping System Based on GBDT-BOA Technique	<a href="#">View</a>
11.	Malicious URL Detection using NLP, Machine Learning and FLASK	<a href="#">View</a>
12.	Ad Prediction using Click Through Rate and Machine Learning with Reinforcement Learning	<a href="#">View</a>
13.	Lens less Cameras for Face Detection and Verification	<a href="#">View</a>
14.	Stripe Noise Removal from Remote Sensing Images	<a href="#">View</a>
15.	Applications of Statistical Machine Learning Algorithms in Agriculture Management Processes	<a href="#">View</a>
16.	Development of a mechanism for seed cum fertilizer drill	<a href="#">View</a>
17.	Energy management with blockchain technology in DC microgrids	<a href="#">View</a>
18.	Influence of maskless electrochemical micromachining process parameters during microtexturing	<a href="#">View</a>
19.	Improvement in performance criteria of varactor micropattern by	<a href="#">View</a>

S. No.	Title of the Conference Paper	Link of the Document
	pulsed maskless electrochemical micromachining	
20.	Parametric study of surface characteristics of laser micro-channel milling of zirconia (ZrO <sub>2</sub> ) at defocused condition	<a href="#">View</a>
21.	Experimental investigation on synthesis of biodiesel from non-edible Neem seed oil: Production optimization and evaluation of fuel properties	<a href="#">View</a>
22.	Analysis on Photovoltaic Panel Temperature Under the Influence of Solar Radiation and Ambient Temperature	<a href="#">View</a>
23.	Experimental investigation on the proneness of coal samples to spontaneous heating using proximate analysis and crossing point temperature method	<a href="#">View</a>
24.	Performance Analysis of VSI-fed Single-Phase Induction Motor Drive Using Variable and Multi Pulse-Width Modulation Techniques	<a href="#">View</a>
25.	Experimental investigation of friction stir welding on aluminium AA6063	<a href="#">View</a>
26.	A rigidity approach to find distinct mechanisms of a planar kinematic chain	<a href="#">View</a>
27.	Performance analysis of fuzzy and neural controller implementation in permanent magnet synchronous motor	<a href="#">View</a>
28.	Improved Execution of the BLDC Motor using 3- Phase Conduction Mode for Electric Vehicle	<a href="#">View</a>
29.	A Single-Phase Inverter Topology with Seven-Level Output based on T-type Structure	<a href="#">View</a>
30.	Phishing website detection using novel machine learning fusion approach	<a href="#">View</a>
31.	SMS Spam Detection using Machine Learning and Deep Learning Techniques	<a href="#">View</a>
32.	A crystalview on multi-focus image fusion methods	<a href="#">View</a>
33.	Heart disease prediction using feature selection and ensemble learning techniques	<a href="#">View</a>
34.	Covid-19 in India: Lockdown analysis and future predictions using Regression models	<a href="#">View</a>
35.	An additive approach to find distinct mechanisms of a planar kinematic chain	<a href="#">View</a>
36.	Experimental investigations on gaseous hydrogen supplemented Aleurites Fordii biodiesel in a direct injection diesel engine for performance enhancement and reduction in emissions	<a href="#">View</a>
37.	A novel approach to find optimum group replacement period	<a href="#">View</a>
38.	Use of Schleicheria Oleosa biodiesel blends with conventional diesel in a compression ignition engine - A feasibility assessment	<a href="#">View</a>
39.	Encapsulation of bioactive agent (Curcumin, Moringa) in electrospun nanofibers - Some insights into recent research trends	<a href="#">View</a>
40.	A study of internet of things oriented smart medical systems	<a href="#">View</a>

S. No.	Title of the Conference Paper	Link of the Document
41.	Neuromorphic advancements architecture design and its implementations technique	<a href="#">View</a>
42.	Vehicle tracking and detection techniques using IoT	<a href="#">View</a>
43.	Spliced images detection by using Viola-Jones algorithms method	<a href="#">View</a>
44.	Design and analysis simple microstrip low-pass filter for wireless application	<a href="#">View</a>
45.	Recognition of plant's leaf infection by image processing approach	<a href="#">View</a>
46.	Generation of square micropattern using electrochemical micromachining	<a href="#">View</a>
47.	Design of Unmanned Aerial Vehicles for various wireless applications	<a href="#">View</a>
48.	Intensive analysis of intrusion detection methodology over Mobile Adhoc Network using machine learning strategies	<a href="#">View</a>
49.	Mechanical properties of 304 stainless steel plates and friction stir welded Al 2219 alloy	<a href="#">View</a>
50.	Sustainable utilization of waste slag aggregates as replacement of coarse aggregates in concrete	<a href="#">View</a>
51.	Cognitive OFDM-NOMA Systems: A Succinct Study	<a href="#">View</a>
52.	Study on power minimization techniques in SAR ADC devices by using comparators circuits	<a href="#">View</a>
53.	Study of Echo Cancellation approach by using Least Mean Square (LMS) Algorithm	<a href="#">View</a>
54.	Study on energy reduction techniques in STT-RAM	<a href="#">View</a>
55.	Power Efficient Bit Lines: A Succinct Study	<a href="#">View</a>
56.	A Review on Image Processing Sensor	<a href="#">View</a>
57.	Analysis of received signal strength based on user position locating using ML methods	<a href="#">View</a>
58.	Design and Implementation of an Efficient IIR Filter Architectures using Merged Delay Transformation	<a href="#">View</a>
59.	Improved Design and Development of Crop Conveying Mechanism in Reaper Machine	<a href="#">View</a>
60.	Cancer Prediction Using Novel Ranking Algorithms and Machine Learning	<a href="#">View</a>
61.	Finding MST by Considering Increasing Cost Order of the Edges Incident on Vertices	<a href="#">View</a>
62.	A Novel Approach to Find Minimum Cost Spanning Tree (MST) of a Graph	<a href="#">View</a>
63.	Self-automated Fault Diagnosis System for Internal Combustion Engines	<a href="#">View</a>
64.	Text2PyCode: Machine Translation of Natural Language Intent to Python Source Code	<a href="#">View</a>

S. No.	Title of the Conference Paper	Link of the Document
65.	Automated Short Answer Grading Using Deep Learning: A Survey	<a href="#">View</a>
66.	A Review of diverse procedure for Extraction of Fetal ECG	<a href="#">View</a>
67.	Shape and Texture Features Extraction Using Segmented Histopathological Images	<a href="#">View</a>
68.	Privacy by Design Approach for Vehicular Tripdata Using k-Anonymity Perturbation	<a href="#">View</a>
69.	Adiabatic Logic-Based Area- and Energy-Efficient Full Adder Design	<a href="#">View</a>
70.	Analysis of Quadcopter Technology as an Emergency Service	<a href="#">View</a>
71.	Comparative Analysis of Rapid Single Flux Quantum (RSFQ) Circuit Technique Multipliers	<a href="#">View</a>
72.	Error Correction Code: Study, Challenges, and Applications	<a href="#">View</a>
73.	Review on Different Types of Multipliers and Its Performance Comparisons	<a href="#">View</a>
74.	An Efficient Energy Management of Hybrid Renewable Energy Sources Based Smart-Grid System Using an IEPC Technique	<a href="#">View</a>