



ADITYA ENGINEERING COLLEGE

An Autonomous Institution

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Recognised by UGC under sections 2(f) and 12(B) of UGC Act, 1956

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List of published papers in national/ international conference proceedings during the year 2020

S. No.	Title of the Conference Paper	Link of the Document
1.	Statistical Features based Optimized Technique for Copy Move Forgery Detection	View
2.	Design and analysis of High speed wallace tree multiplier using parallel prefix adders for VLSI circuit designs	View
3.	Renewable Source DCMicrogrid Connected BLDC Water Pumping System with Adaptive Control Techniques	View
4.	Construction of small twin reverberation chamber for measurement of sound transmission loss	View
5.	Experimental investigation on performance of composite acoustic cement panel using recycled SMB waste	View
6.	A detailed review study on acoustic Meta-materials: Acoustic cloak	View
7.	Comparative study on sound absorption coefficient of various jute composite materials	View
8.	Enhancing noise control in an acoustic cavity using mis-tuned embedded Resonators and Quarter wave tubes	View
9.	A Robust Feature Based Approach for Bare-Hand Detection under Practical Non-Ideal Conditions	View
10.	Laboratory investigation of photovoltaic panel performance under the shaded condition	View
11.	Laboratory investigation on the impact of coal dust deposition on PV Panel performance	View
12.	Reconfigurable pulse-width modulation control of DC-DC converter	View
13.	Real-time data acquisition, measurement and monitoring module for electric power network	View
14.	Compact and Errorless 16-Region Error Correction Scheme for Antilogarithm Converter	View
15.	Coordinate Access System for Live Video Acquisition	View
16.	Electronic applications of multi-walled carbon nanotubes in polymers: A short review	View
17.	Study of microstructure and mechanical properties of aluminium alloy (AA-6351-T6) using friction stir welding	View
18.	Investigation of numerical modelling of TIG welding of austenitic stainless steel (304L)	View

S. No.	Title of the Conference Paper	Link of the Document
19.	Efficient Hardware of RGB to Gray Conversion Realized on FPGA and ASIC	View
20.	Biologically synthesized silver nanoparticles from shorea robusta L. plant and associated antibacterial property	View
21.	Evaluation of solar PV panel performance under humid atmosphere	View
22.	Identification of double transmission line shunt faults by using combined DWT and interval type-2 fuzzy logic for digital distance protection	View
23.	A decisive evaluation of series connected-hybrid modulated inverter for EV applications	View
24.	Impact study of Internet of Things on smart city development	View
25.	Effective data acquisition with sensors through IoT application	View
26.	Colour Image De-noising Analysis Based on Improved Non-local Mean Filter	View
27.	Trends in 6G Wireless Molecular Communications: A Succinct Study	View
28.	Study of Mechanized Recognition of Driver's Smartphone Exploiting Common Vehicle-Riding Actions	View
29.	Animal repellents from agricultural fields	View
30.	Study on Bicycle-Based Real-Time Information Feedback System by Using IoT	View
31.	Image Fusion: Challenges, Performance Metrics and Future Directions	View
32.	Development of wind energy technologies and their impact on environment: A review	View
33.	A Review on Detection of Breast Cancer Cells by Using Various Techniques	View
34.	Utilization of the Internet of Things in Agriculture: Possibilities and Challenges	View
35.	Evaluation and Study of IoT Entrances	View
36.	Survey on the Impact of FSM Design for High-Performance Architecture Evaluation	View
37.	Necessity of Power System State Estimation: A Generalized Linear State Estimation Solution with Application of PMU Measurements	View
38.	Performance Analysis of Single-Phase VSI Using Variable and Multi-pulse-Width Modulation Techniques	View
39.	Control Scheme to Minimize Torque Ripple of SRM	View
40.	Simulation and Analysis of Seven-Level Voltage Source Inverter	View
41.	Cycloconverter Fed Capacitor Start Capacitor Run Induction Motor Drive: Simulation Analysis	View

S. No.	Title of the Conference Paper	Link of the Document
42.	Systematic Observation on Non-orthogonal Multiple Access for 5th Generation Communication Technology	View
43.	A clear view on design of low-noise amplifiers using CMOS technology	View
44.	Analysis of Security Issues and Possible Solutions in the Internet of Things for Home Automation System	View
45.	Analysis of Precision Agriculture Technique by Using Machine Learning and IoT	View
46.	Study on Real-Time Face Recognition and Tracking for Criminal Revealing	View
47.	Performance analysis of wireless sensor network (WSN)	View
48.	Analysis on High-Performance Full adders	View
49.	A Sensitivity Based Approach for Optimal Allocation of OUPFC Under Single Line Contingencies	View