



ADITYA ENGINEERING COLLEGE

An Autonomous Institution

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List of research papers in the Journals notified on UGC website during the year 2020

S. No.	Title of the Paper	Link of the Document
1.	Impact of Liquid Fuel Injection Timings on Gaseous Hydrogen Supplemented, Preheated Straight Vegetable Oil, (SVO) Operated Compression Ignition Engine	View
2.	Stability and weighted sensitivity analysis of robust controller for heat exchanger	View
3.	Chunk by Chunk Irrigation of farm field through wireless sensing technique	View
4.	Mechanical properties of glass fibre concrete with different dosages of glass fiber	View
5.	Optimal Allocation of UPFC and IPFC in Network Considering Sensitivity of Line Flows under Single Line Contingency	View
6.	Irrigation Made Easy : Block wise Filling of Firm Filed Using WSN System	View
7.	Analysis of Blast Induced Ground Vibration of Under Varying Controlled Blasting Parameter	View
8.	Finding the Occurrence of Chromite Reserve in Mineral Exploration Survey by Using Remote Sensing Technique	View
9.	Driver Deviation And Drowsiness Detection Alert System	View
10.	Enactment of Deep Learning Methods for Bird Cataloging by Deploying Convolution Neural Networks	View
11.	Patch antenna design optimization using opposition based grey wolf optimizer and map-reduce framework	View
12.	Euglena Sanguinea algal biodiesel and its various diesel blends as diesel engine fuels: a study on the performance and emission characteristics	View
13.	Project based learning: Design of data acquisition module for greenhouse system	View
14.	Performance Evaluation of Square Pyramid Solar Still with Various Vertical Wick Materials - An Experimental Approach	View
15.	Naturally derived FeTiO ₃ nanoparticles: analysis of optical properties	View
16.	Synthesis of dysprosium/Mn-Cu ferrite binary nanocomposite: Analysis of structural, morphological, dielectric, and optomagnetic properties	View
17.	A study of linear optical properties of ternary blends PVA/CMC/aloe vera biofilm for UV shielding	View
18.	Cadmium substitution effect on structural, electrical and magnetic properties of Ni-Zn nano ferrites	View
19.	Study on Load Analysis of Strata Using LOD Cell in Under ground Coal Mines	View

S. No.	Title of the Paper	Link of the Document
20	Age Invariant face Recognition Techniques: A Critical Review Study	View
21.	Study of Dependence of Blast Induced Ground Vibration on Charge per Hole and Rock Strength	View
22.	Study on Cross Linguistic Feature within Dravidian and English script to Establish the Source of Questioned Document	View
23.	Analysis of Fingerprint Pattern Distribution Framework of Telugu Population in India	View
24.	From Epidemic to Pandemic – COVID 19 - Psychological, Social and Environmental Impact – A Qualitative Study	View
25.	A Novel Approach to Provide More Security for Multi Click Recognition based Textual Graphical Scheme	View
26.	Artificial Intelligence Aided Diagnosis of Chronic Kidney Disease	View
27.	Performance evaluation and simulation of a nine-level voltage source inverter	View
28.	Comparative analysis of thyristor based and PWM based controlled rectifier	View
29.	Analysis of V-clamp based seven-level inverter	View
30.	A Seven-Level Inverter Topology for Medium-Voltage Applications	View
31.	Design and Implementation of VSI for Trinary Sequence	View
32.	Wideband Characteristics of Antenna : A succinct study	View
33.	Performance Study of Efficient Hybrid Architecture of 1-bit Full adder circuit	View
34.	Analysis of security avoidance by using the Internet of Things Devices	View
35.	A Systematic review on glaucoma detection by using various modern techniques	View
36.	Performance analysis of Fused Add-Multiply (FAM) architectures	View
37.	Utility Impact Study of Bionic Communication System	View
38.	A Modulation method For DC-link voltage balancing control of a T- type converter	View
39.	Closed-loop operation of the boost converter	View
40.	Analysis and Simulation of a Novel H-Bridge based Multilevel inverter with reduced DC sources	View
41.	A Seven-Level Quasi Z-source Inverter	View
42.	Study of IoT and Cloud-based smart farming approaches	View
43.	Analysis of Channel coding performance for wireless communications	View
44.	Development of FFT Processor: A Succinct Study	View
45.	Study on Key Logger: Challenges and Solutions	View
46.	A Review Paper on Ultra-Wide Band CMOS Low Noise Amplifier Using 0.18µm Technolo	View
47.	Multi Factor Two-way Hash-Based Authentication in Cloud Computing	View
48.	Soft bevarages as an alternative to TAE buffer in agarose gel electrophoresis	View

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49.	Influence of Stemming Material on Performance of Blasting	View
50.	Combined adjustment of Injection timing and Compression ratio for an agricultural diesel engine fuelled with Nahar methyi ester	View
51.	Circular Slotted Antenna with CPW feed for GSM and UWB Applications	View
52.	Study of the magnetic properties of Mn-doped iron titanate nanoparticles fabricated using natural mineral	View
53.	Radial movement optimization based parameter extraction of double diode model of solar photovoltaic cell	View
54.	An efficient antilogarithmic converter by using correction scheme for DSP processor	View