



ADITYA ENGINEERING COLLEGE

An Autonomous Institution

Approved by AICTE • Permanently Affiliated to JNTUK • Accredited by NAAC with 'A' Grade

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

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List of research papers in the Journals notified on UGC website during the year 2017

S. No.	Title of the Paper	Link to the Document
1.	Topological Synthesis Of Epicyclic Gear Trains Using Vertex Incidence Polynomial	View
2.	Optical Absorption and Luminescence Properties of Pn^{3+} ions Doped $\text{P2O5-PbO-Bi2O3-R2O3}$ Glasses	View
3.	Influence Of Valence State Of Copper Ions On Structural And Spectroscopic Properties Of Multicomponent $\text{Pbo-Ai2o3-Teo2-Geo2-Sio2}$ Glass Ceramic System-A Possible Material For Memory Switching Device	View
4.	An Innovative Approach To Detect Isomorphism In Planar And Geared Kinematic Chains Using Graph Theory	View
5.	Experimental study of bagasse ash as partial replacement of cement in concrete	View
6.	Analysis of multiple server fuzzy queueing model using α – CUTS	View
7.	Improving the quality of traditional concrete by utilizing flyash and waste glass powder with added substance nylon fiber	View
8.	P-Laplace variational image inpainting model using Riesz fractional differential filter	View
9.	Optimal Capacitor Placement in Distribution System with Random Variations in Load	View
10.	Rating of Kinematic chains using Genetic algorithm, International Journal of Innovative Research Explorer	View
11.	Optimisation of Process Parameters in Rapid Prototyping for Nylon Polyamide Material	View
12.	Load flow Solution for Radial Networks with Composite and Exponential Loads	View
13.	PMSG Based Variable Speed Wind Turbine Generating Systems with Hybrid Energy Storage	View
14.	Direct Torque Control Scheme for a Four Switch Inverter fed Induction Motor Using Fuzzy Control	View
15.	Thermal Analysis On Nonmetals Subjected To Confined Space	View
16.	Design & Fluid Flow Analysis Of Monolithic Wind Turbine Blade Constructed Using NACA 4424, NACA 4421 & NACA 4418 Airfoils	View
17.	An Overview on Image Retrieval Using Image Processing Techniques	View
18.	An Overview on Multimedia Data Mining and Its Relevance Today	View
19.	Study on Developing Engineering Properties of Marine Clay by Using Tile Waste and Polyester Fibre	View
20.	Efficient Dynamic Data Flow and Black Hole Detection in Manet	View

S. No.	Title of the Paper	Link to the Document
21.	A Novel Customized Persuasive Cued Click-Point Password Authentication	View
22.	An Automatic Form Monitoring System Using Arduino and Wireless Sensor Networks	View
23.	Heat Dissipation Analysis of Rugged System Used In Defense Applications	View
24.	Design of a Low Power and High Speed FIR filter based on Reusable MAC Unit	View
25.	Tremendous Changes in India After Paris Climate Change Conference	View
26.	Effect of Shrink Wrapping on Shelf Life of Bananas	View
27.	Image Inpainting and Enhancement using Fractional Order Variational Model	View
28.	Implementation of FIR Digital Filters for Odd Length using Power Reduction Technique	View
29.	Energy Efficient Environmental Monitoring System	View
30.	Automated Segmentation of Retinal Blood Vessels	View
31.	Enhanced Novel Multilevel Secure User Authentication Scheme in Cloud	View
32.	Digital security: an Model to work out Overall Network Security Risk Abuse Stochastic Process Strategy	View