



# 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

Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

## 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	<a href="#">View</a>
2.	Optical Absorption and Luminescence Properties of $Pn^{3+}$ ions Doped $P2O5 -PbO-Bi2O3-R2O3$ Glasses	<a href="#">View</a>
3.	Influence Of Valence State Of Copper Ions On Structural And Spectroscopic Properties Of Multicomponent $Pbo-Ai2o3-Teo2-Geo2-Sio2$ Glass Ceramic System-A Possible Material For Memory Switching Device	<a href="#">View</a>
4.	An Innovative Approach To Detect Isomorphism In Planar And Geared Kinematic Chains Using Graph Theory	<a href="#">View</a>
5.	Experimental study of bagasse ash as partial replacement of cement in concrete	<a href="#">View</a>
6.	Analysis of multiple server fuzzy queueing model using $\alpha -$ CUTS	<a href="#">View</a>
7.	Improving the quality of traditional concrete by utilizing flyash and waste glass powder with added substance nylon fiber	<a href="#">View</a>
8.	P-Laplace variational image inpainting model using Riesz fractional differential filter	<a href="#">View</a>
9.	Optimal Capacitor Placement in Distribution System with Random Variations in Load	<a href="#">View</a>
10.	Rating of Kinematic chains using Genetic algorithm, International Journal of Innovative Research Explorer	<a href="#">View</a>
11.	Optimisation of Process Parameters in Rapid Prototyping for Nylon Polyamide Material	<a href="#">View</a>
12.	Load flow Solution for Radial Networks with Composite and Exponential Loads	<a href="#">View</a>
13.	PMSG Based Variable Speed Wind Turbine Generating Systems with Hybrid Energy Storage	<a href="#">View</a>
14.	Direct Torque Control Scheme for a Four Switch Inverter fed Induction Motor Using Fuzzy Control	<a href="#">View</a>
15.	Thermal Analysis On Nonmetals Subjected To Confined Space	<a href="#">View</a>
16.	Design & Fluid Flow Analysis Of Monolithic Wind Turbine Blade Constructed Using NACA 4424, NACA 4421 & NACA 4418 Airfoils	<a href="#">View</a>
17.	An Overview on Image Retrieval Using Image Processing Techniques	<a href="#">View</a>
18.	An Overview on Multimedia Data Mining and Its Relevance Today	<a href="#">View</a>
19.	Study on Developing Engineering Properties of Marine Clay by Using Tile Waste and Polyester Fibre	<a href="#">View</a>
20.	Efficient Dynamic Data Flow and Black Hole Detection in Manet	<a href="#">View</a>

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