



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 2018

S. No.	Title of the Paper	Links of the Document
1.	Image Automatic Categorisation using Selected Features Attained from Integrated Non-Subsampled Contourlet with Multiphase Level Sets	View
2.	Performance Enhancement of Centrally Finned Twist Inserted Solar Collector Using Corrugated Booster Reflectors	View
3.	Characterization, Optical and Luminescence features of Cobalt ions in multi- component Pbo-Al ₂ O ₃ -TeO ₂ -GeO ₂ -SiO ₂ glass ceramics	View
4.	Influence of Bi ³⁺ ions on optical and luminescence properties of multicomponent P ₂ O ₅ -PbO-Ga ₂ O ₃ -Pr ₂ O ₃ glass system	View
5.	Synthesis, biological and liquid crystalline evaluation of new substituted flavones	View
6.	Controllability, Observability and Stability of Volterra Type Non-Linear MATRIX Integro-Dynamic System on Time Scales	View
7.	Resonance propagation and elimination in integrated and islanded microgrids	View
8.	A study on asphalt pavements by using RAP, sand & UFS mixtures as replacements	View
9.	Image Super Resolution by Interpolation and Edge Modification	View
10.	An Approach to Support for Data Aggregation to Reduce the Hot Spot Problem	View
11.	Asymptotic Stability of Solution of Lyapunov Type Matrix Volterra Integro-Dynamic System on Time Scales	View
12.	Influence of helix twisted tape on heat transfer and friction factor in forced circulation V-trough solar water heater	View
13.	Application of fuzzy entropy for the rating of epicyclic gear trains	View
14.	LNA for UWB transceiver using 0.18μm CMOS Technology	View
15.	Vital Investigation of Data in Hybrid Cloud	View
16.	A Study on asphalt pavements using RAP, Sand & UFS mixers as replacements	View
17.	Field Evaluation of dynamic PCU and heterogeneous traffic conditions	View
18.	Effect Of Arabica And Canephora Coffee Bean Extracts Towards Modification Of Red Blood Cell Surface Antigens	View
19.	Effect of Tyre Rubber Pieces on Strength of Ordinary Concrete	View
20.	Design of Ship Propeller By Using Macros Technique And Analysis With Materials	View

S. No.	Title of the Paper	Links of the Document
21.	A novel algorithm to find distinct mechanisms of a planar kinematic chain	View
22.	Isomorphism in planar kinematic chains-A case study in Graph theory algorithm	View
23.	Enhanced Oil Recovery by using Polymer Flooding in Oil and Gas Industry in Tertiary Recovery Process	View
24.	Present and Future Potentiality of Coal Bed Methane Gas Exploration and Production in Indian Coal Fields	View
25.	Petroleum and Gas Exploration and Production by Extended Reach Drilling (ERD) Well	View
26.	Role of Artificial Lift Techniques in Oil and Gas Production with Respect to Gas Lift System in Tertiary Recovery	View
27.	Well Logging Importance in Oil and Gas Exploration and Production	View
28.	Socio Economic Data Acquisition Using Mobile GIS Technology	View
29.	Phytochemical Screening , Anti-oxidant and Antimicrobial Activity with Hemidesmus Indicus (Indian Sarasaparilla)	View
30.	Effect of Process Parameters and Mechanical Behaviour of FDM Processed PLA Parts	View
31.	Surface Scattering and Quantized conduction in semi conducting nano materials	View
32.	Congestion Control in Novel Energy Efficient Cluster based Protocol for highly Dense MANET	View
33.	Docking Studies of BCL-2 With Hemidesmus Indicus Compounds for Anti Cancer Studies	View
34.	Design And Implementation Of 32-Bit Inexact Floating Point Arithmetic Unit	View
35.	A Matlab Implementation Of Standard Deviation Pooling Based Gradient Magnitude Similarity Deviation (Gmsd)Fr-Iqa Model	View
36.	A Comparative Study on Optimization of Coagulant dose in Treating Godavari water with Different Coagulants	View
37.	Design of Ship Propeller by Using Macros Technique	View
38.	A Secure Distributed Code Discovery in Wireless Sensor Networks	View
39.	Schedule Organizer for Educational Institutes	View