



# ADITYA ENGINEERING COLLEGE

An Autonomous Institution

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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	<a href="#">View</a>
2.	Performance Enhancement of Centrally Finned Twist Inserted Solar Collector Using Corrugated Booster Reflectors	<a href="#">View</a>
3.	Characterization, Optical and Luminescence features of Cobalt ions in multi- component Pbo-Al <sub>2</sub> O <sub>3</sub> -TeO <sub>2</sub> -GeO <sub>2</sub> -SiO <sub>2</sub> glass ceramics	<a href="#">View</a>
4.	Influence of Bi <sup>3+</sup> ions on optical and luminescence properties of multicomponent P <sub>2</sub> O <sub>5</sub> -PbO-Ga <sub>2</sub> O <sub>3</sub> -Pr <sub>2</sub> O <sub>3</sub> glass system	<a href="#">View</a>
5.	Synthesis, biological and liquid crystalline evaluation of new substituted flavones	<a href="#">View</a>
6.	Controllability, Observability and Stability of Volterra Type Non-Linear MATRIX Integro-Dynamic System on Time Scales	<a href="#">View</a>
7.	Resonance propagation and elimination in integrated and islanded microgrids	<a href="#">View</a>
8.	A study on asphalt pavements by using RAP, sand & UFS mixtures as replacements	<a href="#">View</a>
9.	Image Super Resolution by Interpolation and Edge Modification	<a href="#">View</a>
10.	An Approach to Support for Data Aggregation to Reduce the Hot Spot Problem	<a href="#">View</a>
11.	Asymptotic Stability of Solution of Lyapunov Type Matrix Volterra Integro-Dynamic System on Time Scales	<a href="#">View</a>
12.	Influence of helix twisted tape on heat transfer and friction factor in forced circulation V-trough solar water heater	<a href="#">View</a>
13.	Application of fuzzy entropy for the rating of epicyclic gear trains	<a href="#">View</a>
14.	LNA for UWB transceiver using 0.18 $\mu$ m CMOS Technology	<a href="#">View</a>
15.	Vital Investigation of Data in Hybrid Cloud	<a href="#">View</a>
16.	A Study on asphalt pavements using RAP, Sand & UFS mixers as replacements	<a href="#">View</a>
17.	Field Evaluation of dynamic PCU and heterogeneous traffic conditions	<a href="#">View</a>
18.	Effect Of Arabica And Canephora Coffee Bean Extracts Towards Modification Of Red Blood Cell Surface Antigens	<a href="#">View</a>
19.	Effect of Tyre Rubber Pieces on Strength of Ordinary Concrete	<a href="#">View</a>
20.	Design of Ship Propeller By Using Macros Technique And Analysis With Materials	<a href="#">View</a>

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