

Research paper publications in the Journals notified on UGC website during the last five years

S.No	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
1.	Diabetic Disease Classification Using KNN Algorithm and Nutrition Suggestion for Diabetic Patients	Selvapriya V, Vadivu V	Computer Science	International Journal of Research and Analytical Reviews	2017-18	2349-5138
2.	Dengue Disease Classification Using Decision Tree Algorithm	Sajitha V, Manimekalai K	Computer Science	International Journal of Research and Analytical Reviews	2017-18	2349-5138
3.	Comparative Study on Shortest Path Algorithms	Udhayanandhinidevi N, Pavithra D	Computer Science	International Journal of Research and Analytical Reviews	2017-18	2349-5138
4.	Crop Yield Prediction Based on Soil Nutrients Using K-Means Clustering	Nirmaladevi M, Shobana S	Computer Science	International Journal of Research and Analytical Reviews	2017-18	2349-5138
5.	Assessment of macronutrients(N,P and K) of Monoculture, Polyculture and Termitoria soils in Pollachi, Udumalpet Taluks in Coimbatore and Tirupur Districts, Tamil Nadu, India	Mrs. S.Kalaichelvi, Dr.N.Ezhili	Zoology	Research journal of Chemistry and Environment	2017-18	0972-0626
6.	Dielectric Measurements of the Ternary Mixtures of Alcohols with Aniline in Carbon Tetrachloride at 301k	S. Aram , H.B.Ramalingam, P. Krishnamurthi	Physics	Rasayan Journal of Chemistry	2017-18	0974-1496
7.	Preferential adsorption of uranium by functional groups of the marine unicellular cyanobacterium Synechococcus elongatus BDU130911,	Dr. E.Vaishnavi	Chemistry	3Biotech	2017-18	e 2190-5738
8.	Innovative heuristics modeling for Dynamic Supply Base Optimization	Jeyanthi Natarajan, Radhakrishnan Perumalsamy	Mathematics	International Journal of Computational Engineering & Management	2017-18	2230-7893
9.	Adsorptive removal of anionic dyes from aqueous solution by Bauhenia	Mrs.S. Umadevi	Chemistry	Pollution research	2017-18	e 0257-8050, 0257-8050

	racemosa seed pod carbon					
10.	Corrosion inhibition of Mild Steel in 1 mol L ⁻¹ HCl Using Gum Exudates of Azadirachta indica	Malarvizhi Manickam, Dheenadhayalan Sivakumar, Brindhya Thirumalairaj, and Mallika Jaganathan	Chemistry	Advances in Physical Chemistry	2016-17	16877985
11.	Innovative heuristics modeling for Dynamic Project Time Optimization	Radhakrishnan Perumalswamy, Jeyanthi Natarajan	Mathematics	International Journal of Computational Engineering & Management	2016-17	2230-7893
12.	Analysis of various data mining techniques to predict diabetics mellitus	M.Renuka Devi	Computer Science	International Journal of Applied Engineering Research (IJAER)	2015-16	0973-4562
13.	Annealing Effect on Nickel Oxide Nanoparticles Synthesized by Sol-Gel Method	B. Kavitha, M.Nirmala, A. Pavithra	Physics	World Scientific News	2015-16	23922192
14.	Kinetic and Thermodynamic studies of adsorption of Crystal violet dye using a low cost activated carbon prepared from Bauhenia racemosa seed	Renugadevi, N. and Umadevi, S	Chemistry	Indian Journal of Environmental Protection	2015-16	0253 – 7141
15.	Factors influencing the spatial distribution of Anopheles larvae in Coimbatore District, Tamil Nadu, India	Naresh Kumar Arjunan, Murugan Kadarkarai, Shobana Kumar, Madhiyazhagan Pari, Nataraj Thiyagarajan, C Thomas Vincent, Donald R Barnard	Zoology	Acta Tropica – Elsevier publication	2015-16	0001-706X
16.	Interaction of digestive enzymes with tunable light emitting quantum dots: a thorough Spectroscopic investigation	V Ellappan, M Kesavan, P Ramalingam, J Kulandaivel, R Rajalingam	Chemistry	Luminescence	2014-15	1522-7243
17.	Removal of Crystal violet dye from aqueous solution using Bauhenia racemosa seed pod carbon	Umadevi, S. and Renugadevi, N	Chemistry	Pollution Research	2014-15	0257-8050
18.	Ascent Based Monte Carlo Expectation –	Mrs. J. Rajeswari	Computer	International Journal	2014-15	0973-4562

	Maximization outlier detection for large scale categorical data		Science	of Applied Engineering Research (IAER)		
19.	Edith Wharton: Sense and Sensibility	Dr.A.Vadivukarasi	English SF	International Journal of English Language, Literature and Humanites	2014-15	2321-7065
20.	The switching of a Rhenium (i) complex from turnoff to turnon sensor system through protein binding	J Bhuvanewari, PM Mareeswaran, K Anandababu, S Rajagopal	Chemistry	RSC advances	2014-15	2046-2069
21.	A selective, longlived Deep red emissive ruthenium (II) polypyridine complexes for the detection of BSA	E Babu, PM Mareeswaran, S Singaravadiel, J Bhuvanewari,	Chemistry	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	2014-15	1386-1425
22.	Synthesis, structural characterization, DNA/Protein binding and in vitro cytotoxicity of isomeric ruthenium carbonyl complexes	P Kalaivani, R Prabhakaran, F Dallemer, E Vaishnavi, P Poornima,	Chemistry	Journal of Organometallic Chemistry	2014-15	0022-328X
23.	“Turn-on-off-on” fluorescence switching of quantum dots–cationic porphyrin nanohybrid: a sensor for DNA	E Vaishnavi, R Renganathan	Chemistry	The Analyst	2013-14	0003-2654
24.	Raman, Photoluminescence analysis on Cu(InAl)Se ₂ thin films and fabrication of Cu(InAl)Se ₂ based thin film Solar Cells	B.Kavitha, M.Dhanam	Physics	Journal of Materials Science : Materials Electronics	2013-14	0957 4522
25.	Particle Swarm Optimization Model for Dynamic Supply Chain Optimization involving Lead Time	Radhakrishnan Perumalsamy, Jeyanthi Natarajan	Mathematics	International Journal of Computational Engineering & Management	2013-14	2230-7893
26.	CdTe quantum dot as a fluorescence probe for vitamin B 12 in dosage form	E Vaishnavi, R Renganathan	Chemistry	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	2013-14	1386-1425
27.	Structural Studies of ZnO Nanostructures and Nano Powders	B.Nirmala , T.V. Banumathi, M. Najeema ,	Physics	Asian Journal of Chemistry	2013-14	0970-7077

		M.Kayalvizhi				
28.	Synthesis, structure, DNA/protein binding and in vitro cytotoxicity of new ruthenium metallates	P Kalaivani, R Prabhakaran, E Vaishnavi, T Rueffer, H Lang, P Poornima,	Chemistry	Inorganic Chemistry Frontiers	2013-14	2052-1553