



JEPPIAAR
INSTITUTE OF TECHNOLOGY
“Self-Belief | Self Discipline | Self Respect”



Department of SCIENCE AND HUMANITIES

ACADEMIC YEAR 2017-2018

S.No	Name of the author/s	Title of paper	Name of journal	ISSN number	Year of publication	Link to the recognition in UGC enlistment of the Journal
1	Dr. N. Bhuvana	Efficacious separation of electron-hole pairs in CeO ₂ -Al ₂ O ₃ nanoparticleembedded GO heterojunction for robust visible-light driven dyedegradation	Journal of Colloid and Interface Science	0021-9797	Feb-18	https://www.sciencedirect.com/science/article/abs/pii/S0021979717312183
2	Dr.N. Bhuvana	Reduction of Cr ⁶⁺ from Wastewater Using a Novel in Situ-Synthesized PANI/MnO ₂ /TiO ₂ Nanocomposite: Renewable, Selective, Stable, and Synergistic Catalysis	ACS Sustainable Chemistry and Engineering	2168-0485	17-Aug	http://pubs.acs.org/doi/abs/10.1021/acssuschemeng.7b02324
3	Dr.S.Shenbaga Ezhil	Learning Methodologies for effective Teaching in Fuzzy Cognitive Maps	Indian Journal of Computer Science and Engineering	0976-5166	18-Jan	http://www.ijcse.com/docs/INDJCSE17-08-06-050.pdf
4	Dr.S.Shenbaga Ezhil	A study on Fuzzy Cognitive Mapping structure through Category theory	International Journal of Research in Applied Science in Engineering and Technology	2321-9653	17-Dec	https://www.ijraset.com/fileserve.php?FID=12079
5	Dr.S.Shenbaga Ezhil	A study on Domiation number in Jahangir Graph	International Journal for reserch in applied Science and engineering Technology	2321-9653	18-Feb	https://www.ijraset.com/fileserve.php?FID=13418
6	Dr. Vijayalekshmi, S	Symbolic computation on tunable nonautonomous solitons in inhomogeneous NLS system with generalized external potential	Optik	0030-4026	17-Sep	https://doi.org/10.1016/j.jileo.2017.07.048
7	Mr. K.R Amarnath, Ms.B.Vidhya	The Unheard Voice In Mahesh Dattani's Tara	International Journal Of Scientific Research And Review	12279-543X	18-Mar	http://dynamicpublisher.org/gallery/ijrr-d56.pdf

8	Dr.S.Shenbaga Ezhil	Sensitivity Analysis Technique in minimizing Death Rate	Emerging trends in pure and applied mathematics	9.78E+12	Mar-18	http://www.ijraset.com/fileserve.php?FID=15269
9	Dr.C. Kavitha	Stimulation of surface mechanical attrition treatment on zinc phosphating of steel	Madras University Post Centenary diamond Jubilee –Proceedings of 2nd International Conference on Recent in Analytical Chemistry	978-93-85374-82-1	18-Mar	https://www.researchgate.net/publication/323907638_Stimulation_of_Surface_Mechanical_Attrition_Treatment_on_Zinc_Phosphating_of_Steel
10	Dr. N. Bhuvana	A novel photocatalytically active mesoporous metal-free PPy grafted MWCNT nanocomposite	Journal of Colloid and Interface Science	0021-9797	18-Mar	https://www.sciencedirect.com/science/article/abs/pii/S0021979717314364
11	Dr. Kannan V	Experimental and quantum chemical studies on N-H---O hydrogen bonded helical chain type Morpholinium 2-chloro-4-nitrobenzoate: A phasematchable organic nonlinear optical material	Journal of Molecular Structure	ISSN: 0022-2860	18-Mar	https://www.sciencedirect.com/science/article/abs/pii/S0022286017316034
12	Ms.A Jayanthi	LASER: A Novel Tool for Welding and Manufacturing	IOSR Journal of Applied Physics	0858-0855	17-Nov	http://www.mrs-thailand2017.science.cmu.ac.th/images/editor/mrs2017/program-books/MRS2017-Abstract-Book.pdf