

Publications during the Calendar Year 2016

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link of the recognition in UGC enlistment of the Journal
Ponmani Vairamuthu Kavithaigalil Samuthaya Sinthanaigal	Dr. M. J. Maheswari	Tamil	Chempulam	2016	2320-589X	
Illakiyangalil Maglir Nilai	Dr. M.J. Maheswari	Tamil	Ayutha Eluthu - International Journal	2016	2278-7550	UGC Approved Journal No.: 42330 http://ayudhaezhuthu.com/january-2016/
Purananuttrup Padalgilil Aranerigal marttrum Valviyal Kurugal	Dr. P. Dhanalakshmi	Tamil	Journal of Classical Tamil	2016	2321-0737	UGC Approved Journal No.:40719
Vayalur Murugan Thirumuruga kirubanada variyarin Thiruppugazh Virivurai Chirappugal	Dr. P. Dhanalakshmi	Tamil	Chempulam	2016	2320-589X	
Grijakumar Mathur ki Kavithaom Ka Visilation	Dr. C. Mohana	Hindi	Research Revolution	2016	2319-300X	http://researchrevolution.in/download-journal/May%202016.pdf
Theme of Modernism in W.H. Auden's "O What is that Sound"	Mrs. S. Sangeetha	English	Roots - International Journal of Multidisciplinary Researches	2016	2349-8684	UGC Journal No.: 48991
Black Feminism in Octavia Butler's Kindred and Fledgling	S. Lavanya	English	Roots - International Journal of Multidisciplinary Researches	2016	2349-8684	UGC Journal No.: 48991 http://admin.crrps.in/uploads/roots/previous/pdf/August2016.pdf
Child Education	N. Uma Maheshwari	History	Budding Generation and Bridging Freedom Girl Child	2016		
Characterizations of Beta-Connectedness in Fuzzy Soft Topological Spaces	Dr. M. K. Uma and Dr. E. Roja	Mathematics	Journal of Fuzzy Mathematics	2016	1066-8950	UGC Approved Journal No.: 49340 https://www.tib.eu/en/search/id/BLSE%3ARN607961114/Characterizations-of-%CE%B2-connectedness-in-Fuzzy-Soft/
A new view on Intuitionistic Cokernal Compact Spaces,	Dr. M.K.Uma and Dr. E. Roja	Mathematics	Annals of Fuzzy Mathematics and Informatics	2016	P: 2093-9310 E: 2287-6235	http://www.afmi.or.kr/papers/2016/Vol-12_No-04/PDF/AFMI-12-4(547-558)-H-151105R1.pdf
Feeble Compactness of Intuitionistic Fell Topological Spaces.	Dr. M.K.Uma and Dr. E. Roja	Mathematics	Annals of Fuzzy Mathematics And Informatics	2016	P: 2093-9310 E: 2287-6235	http://www.afmi.or.kr/papers/2016/Vol-11_No-03/PDF/AFMI-11-3(485-494)-H-141009R3.pdf
A View on Ps- Connected M-Spaces in Multiset Topological Spaces	Dr. G. Vasuki and Dr. B. Amudhambigai	Mathematics	International Journal of Computer & Mathematical Sciences	2016	2347-8527	UGC Journal No.: 43464 http://academicscience.co.in/admin/resources/project/paper/f201612071481115863.pdf

On Fuzzy Star G Delta Beta Continuity in Fuzzy Star Matroids	Dr. M. Sudha	Mathematics	Annals of Fuzzy Mathematics And Informatics	2016	P: 2093-9310 E: 2287-6235	http://www.afmi.or.kr/papers/2016/Vol-11_No-05/PDF/AFMI-11-5(737-753)-H-150608R2.pdf
On 3- Prime Gamma-Near Rings with Generalized Derivations	Dr. L. Madhuchelvi	Mathematics	International Journal of Mathematics and Computer Research	2016	2320-7167	http://ijmcr.in/index.php/ijmcr/article/view/95/93
On Generalized Derivations in 3- Prime Gamma- Near Rings	Dr. L. Madhuchelvi	Mathematics	International Journal of Mathematical Sciences & Applications	2016	2230-9888	http://ijmsa.yolasite.com/resources/63_gend_erprime.pdf
On Generalized Derivations in Gamma-Near Rings	Dr. L. Madhuchelvi	Mathematics	International Journal of Mathematical Sciences & Applications	2016	2230-9888	http://ijmsa.yolasite.com/resources/11.%20genderivation_2--pending.pdf
Aleksandrov Urysohn compactness Criterion on Intuitionistic Fuzzy S Star Structure Space	Dr. D. Amsaveni, Dr. M.K. Uma and Dr. E. Roja	Mathematics	American Journal of Mathematics and Sciences	2016	2250-3102	http://ajms.yolasite.com/resources/5.%20Aleksandrov%20Urysohn%20Compactness%20criterion.pdf
Hausdorff Extensions of Spaces in Intuitionistic Fuzzy S Star Centred Systems	Dr. D. Amsaveni, Dr. M.K. Uma and Dr. E. Roja	Mathematics	American Journal of Mathematics and Sciences	2016	2250-3102	http://ajms.yolasite.com/resources/4.%20HAUSDORFF%20EXTENSIONS%20OF%20SPACES%20-1.pdf
Fuzzy Pre Semi -Lambda Closed Sets in Fuzzy Scalable Structure Space	Dr. D. Amsaveni	Mathematics	International Journal of Applied and Pure Science and Agriculture	2016	E: 2394-5532 P: 2394-823X	https://ijapsa.com/published-papers/volume-2/issue-4/fuzzy-pre-semi-lambda-closed-sets-in-fuzzy-scalable-structure-space.pdf
Quotient Intuitionistic Fuzzy Topology	Dr. D. Amsaveni	Mathematics	International Journal of Engineering Research and Management	2016	2349-2058	https://www.ijerm.com/download_data/IJERM0304025.pdf
A Study on Supra Z-Pre Continuous Function	Dr. B. Amudhambigai	Mathematics	Weekly Science-International Research Journal	2016	2321-7871	http://www.oldwsrj.lbp.world/UploadedArticle/216.pdf
A Study on Regular-H-Open Sets and Regular-H-Continuous Functions	Dr. B. Amudhambigai	Mathematics	Weekly Science International Research Journal	2016	2231-5063	http://www.oldwsrj.lbp.world/UploadedArticle/257.pdf
On Dimension of a Fuzzy Topological Spaces	Dr. B. Amudhambigai	Mathematics	Journal of Fuzzy Mathematics	2016	1066-8950	UGC Approved Journal No.: 49340
On Strongly b-Delta Continuous M-Set Functions	Dr. B. Amudhambigai	Mathematics	Indian Streams Research Journal	2016	2230-7850	http://oldisrj.lbp.world/ViewPdf.aspx?ArticleID=8801
On Separation Axioms in Fuzzy Rough Topological Spaces	Dr. B. Amudhambigai	Mathematics	Annals of Fuzzy Mathematics and Informatics	2016	P: 2093-9310 E: 2287-6235	http://www.afmi.or.kr/papers/2016/Vol-12_No-04/PDF/AFMI-12-4(605-614)-H-151117R2.pdf

A Study on Fuzzy Soft g Tilda F-Sigma sets	Dr. B. Amudhambigai	Mathematics	Journal of Fuzzy Mathematics	2016	1066-8950	https://www.tib.eu/en/search/id/BLSE%3AR N605307217/A-Study-on-Fuzzy-Soft-g%5E%E2%88%BCF~%CF%83-Sets/
A Study on the Health Hazards of the Women's Scavengers Using Fuzzy Matrix	Dr. B. Amudhambigai	Mathematics	Weekly science-International Research Journal: Science park	2016	2321-8045	https://www.academia.edu/25022782/A_STUDY_ON_THE_HEALTH_HAZARDS_OF_THE_WOMEN_SCAVENGERS_USING_FUZZY_MATRIX
Growth of organic nonlinear optical 4-HydroxyL-Proline(HLP) single crystal by conventional solution method and its structural, vibrational, optical and mechanical characterizations	Dr. N. Prabavathi	Physics	Materials Research Innovations	2016	P: 1432-8917 E:1433-075X	https://www.tandfonline.com/doi/abs/10.1080/14328917.2016.1200845
Influence of K ₂ CO ₃ on the Growth and properties of Sulphanilic acid crystal	Dr. N. Prabavathi	Physics	Chemical Science Review and letters.	2016	2278-6783	http://chesci.com/wp-content/uploads/2016/10/V5i19_14_CSN15_20470421.pdf
Growth and Characterization of organic NLO crystal Al doped 2-Hydroxy Benzylidene Aniline by Slow Evaporation method	Dr. N. Prabavathi	Physics	Chemical Science Review and Letters	2016	2278-6783	https://www.researchgate.net/publication/328964724_Growth_and_Characterization_of_Organic_NLO_Crystal_Al_Doped_2-Hydroxy_Benzylidene_Aniline_by_Slow_Evaporation_Method
Growth and Characterization of Pure and Ammoniumnickel(II) sulphatehexahydrate doped Potassium chloride Single Crystal	Dr. N. Prabavathi	Physics	International Journal of Advanced Research in Science, Engineering and Technology	2016	2350-0328	www.ijarset.com/upload/2016/april/12_IJARSET_JAYANTHI.pdf
Creation of Multiple Subwavelength Focal Spot Segments Using Phase Modulated Radially Polarized Multi Gaussian Beam	Dr. R.Hemamalini	Physics	Chinese Physics Letters, Science Direct	2016	P: 0256-307X E: 1741-3540	UGC Approved Journal No.: 18522 http://cpl.iphy.ac.cn/10.1088/0256-307X/33/9/094203 10.1088/0256-307X/33/9/094203 https://www.scopus.com/sourceid/27432
A complete synergy on the experimental and theoretical study of the pyridine derivatives - 2 - Hydroxy - 5 - Nitropyridine and 2-Chloro-5-Nitropyridine	Dr. R. Mathammal	Physics	Journal of Molecular Structure	2016	0022-2860	https://www.sciencedirect.com/science/article/pii/S002228601630268X
Studies On The Growth, Characterization, Physicochemical Properties And Anti-Bacterial Activity Of Ferulic Acid Crystals	Dr. R. Mathammal	Physics	International Journal of Pharmacy and Pharmaceutical Sciences	2016	0975-1491	https://innovareacademics.in/journals/index.php/ijpps/article/view/9013/pdf

Molecular structure, Vibrational, UV, NMR, HOMO-LUMO MEP, NLO and NBO analysis of 3,5 di tert butyl 4 hydroxy benzoic acid.	Dr. R. Mathammal	Physics	Journal of molecular structure	2016	0022-2860	https://www.sciencedirect.com/science/article/abs/pii/S0022286016304434
Crystal growth, Vibrational, Optical, Thermal and Theoretical studies of a non linear optical material: 2-methyl 3, 5 dinitro benzoic acid	Dr. R. Mathammal	Physics	Physica B, Condensed Matter	2016	0921-4526	https://www.scopus.com/sourceid/29118
Crystal growth and physical properties of the organic salt benzimidazolium 3-nirophthalate	Dr. R. Mathammal	Physics	CrystEngComm.	2016	1466-8033	10.1039/C6CE01712F https://pubs.rsc.org/en/content/articlelanding/2016/ce/c6ce01712f#!divAbstract
Investigations on vibrational and optical properties of 4-chloro 2-nitroaniline for nonlinear optical applications	Dr. R. Mathammal	Physics	Journal of Chemical and Pharmaceutical Sciences	2016	ISSN: 0974-2115	https://www.researchgate.net/publication/301655576 Investigations on vibrational and optical properties of 4-chloro 2-nitroaniline for nonlinear optical applications
Effect of surfactant on the structural and optical properties of CuO nanoparticles	Dr. S.S. Gomathi and Dr. G.K.Vanathi Nachiyar	Physics	International Journal of Scientific Research	2016	2277-8179	https://www.worldwidejournals.com/international-journal-of-scientific-research-(IJSR)/fileview.php?val=February_2016_1455963749_101.pdf
Synthesis , characterization and inhibitive effect of 1-[4-methylphenyl] sulphonyl]-4-pyridine-2-ylpiperazine on corrosion on mild steel in HCL medium	Dr. S. Anbuselvi	Chemistry	Journal of Advances in chemistry	2016	2321-807X	https://doi.org/10.24297/jac.v12i14.476 https://cirworld.com/index.php/jac/issue/view/106
Prosopis Juliflora as an effective inhibitor on the corrosion of mild steel	Dr. S. Anbuselvi	Chemistry	International Journal of Advanced Science and Engineering	2016	P: 2454-9967 E: 2349-5359	http://www.mahendrapublications.com/article_details.php?id=MP744700
Altered torquoselectivity of fluorine in the iron-tricarbonyl-mediated thermal ring opening of 3-fluorocyclobutene: a density-functional exploration	Dr. L. Akilandeswari	Chemistry	Journal of Molecular Modeling	2016	P:1610-2940 E: 0948-5023	https://doi.org/10.1007/s00894-016-3125-7 https://www.scopus.com/sourceid/57844
Synthesis, spectral characterization, electrochemical, anti-microbial, DNA binding and cleavage studies of new binuclear Schiff base metal(II) complexes derived from o-hydroxyacetophenone	E. Akila	Chemistry	Journal of Saudi Chemical Society	2016	1319-6103	https://doi.org/10.1016/j.jscs.2013.07.001
Expensive tripod rotation in Eta 6-chromium tricarbonyl complexes of phosphabenzene- Insights from DFT study	Dr. A. Kalpana and Dr. L. Akilandeswari	Chemistry	Computational and Theoretical Chemistry	2016	2210-271X	https://doi.org/10.1016/j.comptc.2016.03.018 https://www.scopus.com/sourceid/21000196008

Adsorption and subsequent detoxification of hexavalent chromium in aqueous solution using polypyrrole-bacterial extracellular polysaccharide nanocomposite	V. Janaki	Chemistry	Environmental Progress and Sustainable Energy	2016	1944-7450	https://doi.org/10.1002/ep.12344 https://www.scopus.com/sourceid/17700156701
Removal of Cr(VI) using co-immobilized activated carbon and Bacillus subtilis: fixed-bed column study	V. Janaki	Chemistry	Clean Technologies and Environmental Policy	2016	E:1618-9558 P:1618-954X	https://doi.org/10.1007/s10098-016-1203-2 https://www.scopus.com/sourceid/130111
Distribution and Seasonal variation of some Gracilaria species (Rhodophyceae) in Thoothukudi region from the South East Coast of Tamil Nadu, India.	Mrs. S. D. K. Shri Devi	Botany	Acta Biomedica Scientia	2016	P: 2348-215X E: 2348-2168	http://mcmed.us/downloads/1468241633(abstract).Pdf
Anti-diabetic activity of Methanolic Extract of Gracilaria corticata J.Ag. (Red seaweed) in Hare Island, Thoothukudi, Tamil nadu,India.	Mrs. S. D. K. Shri Devi	Botany	International Journal of Pharmacy & Therapeutics	2016	P: 2229-7456 E: 0976-0342	http://www.ijptjournal.com/view_content.php?quat=7&date=2016&issue=3
Evaluation of analgesic activity of methanol extract of Ampelocissus araneosa Planch. (Vitaceae) in experimental animals.	Uma Maheswari. B	Botany	International Journal of Pharmacy. Photon	2016	ISJN: 8237-7516	
Evaluation of Anti-Inflammatory Activity of Methanol Extract of Ampelocissus araneosa Planch. (Vitaceae) in Wistar albino rats.	Uma Maheswari. B	Botany	International Journal of Pharmacy. Photon,	2016	ISJN: 8237-7516	
The Role of Antioxidant Vitamins in Ciprofloxacin induced oxidative stress in Pancreas	Dr. B. Kalaivani	Zoology	International Journal of Engineering Research and General Science	2016	2091-2730	http://pnrsolution.org/Datacenter/Vol4/Issue3/31.pdf
Analysis on Phytochemical Constituents of Euphorbia tithymaloides and Artemisia nilagirica (C.B.Clarke) Pamp	Dr. M. Lena	Zoology	BAOJ Chemistry	2016		https://bioaccent.org/chemistry/chemistry17.pdf
Phytochemical Profiling and Antibacterial Potential of Kappaphycus alvarezii Methanol Extract against Clinical Isolated Bacteria	Mrs. S. Geetha	Zoology	World Journal of Pharmacy and Pharmaceutical Sciences	2016	2278-4357	https://www.wjpps.com/wjpps_controller/archive_show/2016/VOLUME%205,%20JUNE%20ISSUE%2010.20959/wjpps20166-6900
Phytochemical Profiling of Seaweeds collected from Pulicat lake, Coramandal Coast of South India	Mrs. S. Geetha	Zoology	World Journal of Pharmacy and Pharmaceutical Sciences	2016	2278-4357	https://www.wjpps.com/wjpps_controller/archive_show/2016/VOLUME%205,%20JULY%20ISSUE%207 DOI : 10.20959/wjpps20167-7180

In vitro antimicrobial, phytochemical analysis of aegle marmelos fruit extracts	Mrs. A. Nirmala	Zoology	World Journal of Pharmacy and Pharmaceutical Sciences	2016	2278 - 4357	https://www.wjpps.com/wjpps_controller/archive_show/2016/VOLUME%205.%20JULY%20ISSUE%207 DOI : 10.20959/wjpps20167-6881
Comparative Study of Triphala and Trikatu on Obesity Induced Oxidative Stress in Heart of Albino Rats	Dr. B. Kalaivani	Zoology	International Journal of Current Research	2016	0975-833X	http://www.journalcra.com/sites/default/files/issue-pdf/15499.pdf
Alleviation of Ibuprofen induced Nephrotoxicity by vitamin supplementations	Dr. B. Kalaivani	Zoology	International Journal of life sciences	2016	P: 2320 - 7817 E: 2320- 964X	UGC Journal No.: 48951 http://oaji.net/articles/2016/736-1471159136.pdf
An effective approach for hiding encrypted messages with neural key using LSB image Steganography	Dr. C. Immaculate Mary	Computer Science	International Journal of innovative technology and Research	2016	2320-5547	http://www.ijitr.com/index.php/ojs/article/view/812/pdf
A Survey on Enhancing the Image Perception using Genetic Algorithm.	Dr. C. Immaculate Mary, A. Jensila Smile	Computer Science	International Journal of Multidisciplinary Research and Development.	2016	E :2349-4182 P:2349-5979	
Enormous Data and Effective Solutions A Brief Survey on Big Data With Data Mining	Dr. C. Immaculate Mary	Computer Science	International Journal of Multidisciplinary Research and Development.	2016	E :2349-4182 P:2349-5979	
An Improved Ensemble Classifier Results with Consideration of Classifier Importance	Dr. R. Uma Rani	Computer Science	International Journal of Computer Trends and Technology	2016	2231-2803	https://pdfs.semanticscholar.org/9a01/bbf4cd82d977f756ca23618a582964c07756.pdf
Pest Identification in Leaf image using SVM Classifier	Dr. R. Uma Rani	Computer Science	International Journal of Computational Intelligence and Information	2016	2349-6363	https://www.periyaruniversity.ac.in/ijcii/issue/Vol6No1jun2016/PID0327.pdf
Class dependent Adaptive Score Normalization for Multimodal Biometric System	Dr. R. Uma Rani	Computer Science	International Journal of Innovative Research in Computer and Communication Engineering	2016	P: 2320-9798 E: 2320-9801	http://www.ijirccce.com/upload/2016/august/110_19_Class_NEW.pdf
Steganalysis on Images Based on the Classification of Image Feature Sets Using SVM Classifier	Dr. R. Uma Rani	Computer Science	International Journal of Computer Science and Engineering	2016	P: 2278-9960 E: 2278-9979	http://tiny.cc/q0l2dz
An Efficient Multimodal Biometric System Using Adaptive Gabor Filtering based Feature Extraction	Dr. R. Uma Rani	Computer Science	European Journal of Scientific Research,(discontinued from scopus 2014)	2016	P: 1450-202X E:1450-216X	https://www.europeanjournalofscientificresearch.com/issues/EJSR_141_4.html
An Analysis of Segmentation Techniques on Diseased Leaf Images	Dr. R. Uma Rani	Computer Science	International Journal of Computer Application and Engineering Technology	2016	2277-7962	DOI: 10.13140/RG.2.2.25054.08002

An Evaluation on State of the Art Feature Extractors for Steganalysis	Dr. R. Uma Rani	Computer Science	International Journal of Computer Networking, Wireless and Mobile Communications	2016	P: 2250-1568 E: 2278-9448	http://www.tjprc.org/publishpapers/2-3-1473757302-3.%20Comp%20Networking%20-IJCNWMC-%20An%20Evaluation%20on%20State%20of%20the%20Art%20Feature%20Extractors%20for%20Steganalysis.pdf
Optimization Feature Selection for Classifying Student in Educational Data Mining	Dr. R. Uma Rani	Computer Science	International Journal of Innovations in Engineering and Technology	2016	2319 - 1058	http://ijiet.com/wp-content/uploads/2017/01/65.pdf
Forecasting of Automatic Relevance Determination For Feature Selection (FARD-FS) In Financial Fraud Detection	Dr. R. Uma Rani	Computer Science	International Journal of Applied Engineering Research	2016	P:0973-4562 E:0973-9769	https://www.researchgate.net/publication/309071482_Forecasting_of_automatic_relevance_determination_for_feature_selection_FARD-FS_in_financial_fraud_detection https://www.ripublication.com/Volume/ijae_rv11n12.htm
An effective and Accurate Fusion Result From Multi Class Ensemble Classification	Dr. R. Uma Rani	Computer Science	Indian Journal of Education and Information Management	2016	P:2277-5366 E:2277-5374	http://ijeim.informaticspublishing.com/index.php/ijeim/article/view/84927/71529
An Evaluation on Modern Spatial Domain Image Steganographic Algorithms	Dr. R. Uma Rani	Computer Science	International Journal of Computer Science Engineering and Information Technology Research	2016	P:2249-6831 E:2249-7943	https://archive.org/stream/6.IJCSSEITRAnEvaluationOnModernSpatialDomainImageSteganographic/6.%20IJCSSEITR%20-%20An%20Evaluation%20on%20Modern%20Spatial%20Domain%20Image%20Steganographic_djvu.txt
An Efficient Misclassification Cost Concerned Imbalanced Class Handling to Improve the Financial Fraud Detection Scheme	Dr. R. Uma Rani	Computer Science	Indian Journal of Science and Technology (discontinued) Scopus coverage from 2007 to 2016	2016	P: 0974-6846 E : 0974-5645	http://www.indjst.org/index.php/indjst/article/view/84671/71126 http://dx.doi.org/10.17485/ijst%2F2016%2Fv9i20%2F84671
Impact of Television Advertisements of Junk Food on Children with Special Reference to Salem City	Dr. S. Dhakshayani	Commerce	International Journal of Research in Commerce, Economics & Management	2016	2231-4245	https://ijrcm.org.in/article_info.php?article_id=6287
Women Entrepreneurship in Small Business and Micro Enterprises	Dr. P. Pirakatheeswari	Commerce	Primax International Journal of Commerce and Management Research	2016	2321-3604	
Information Seeking Behaviour of Students in Arts and Science Colleges in Salem District	Mrs. K. Poongodi	Library	Paripex-Indian Journal Of Research	2016	2250-1991	https://www.worldwidejournals.com/paripe/file.php?val=August_2016_1470466707_77.pdf