

Publications during the Calendar Year 2015

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
Illakiyathil Pengalin Nilai	Dr. A. Ambika	Tamil	Ayutha Eluthu - International Journal	2015	2278-7550	UGC Approved Journal No.: 42330 http://ayudhaezhuthu.com/january-2015/
Thirumoolar Unarthum Valviyal Thathuvangal	Dr. M.J. Maheswari	Tamil	Journal of Modern Tamil	2015	2321-984X	UGC Approved Journal No.: 40720
Silappathigarathil Meeviyal Punaivugal	Dr.T. Jayalakshmi	Tamil	Ayutha Eluthu - International Journal	2015	2278-7550	UGC Approved Journal No.: 42330 http://ayudhaezhuthu.com/index.php/stage/pdfreader/344/
Child Labour in Tamilnadu	A.F.Lilly	History	Maha Journal of Education	2015	2348-8840	
Impact of Tourism on Economy in India	N.Uma Maheshwari	History	The International Journal for Economics & Business Management	2015	2250-2750	UGC Journal No.: 47151
The Socio-Economic Status of Women Entrepreneurs in Salem District of Tamil Nadu	Dr. T. Sasikala	Economics	International Journal of Research in Humanities and Social Sciences	2015	2347-5404	https://doi.org/10.15613/hijrh/2015/v2i1/78209
Semigroup Compactification in an Intuitionistic Fuzzy Convergence Topological Space	Dr. E. Roja and Dr. M. K. Uma	Mathematics	Italian Journal of Pure and Applied Mathematics	2015	1126-8042	http://ijpam.uniud.it/online_issue/201535/02-RevathiRojaUma.pdf
Chaos and Fractals in Intuitionistic Topological Spaces	Dr. E. Roja and Dr. M. K. Uma	Mathematics	Journal of Mathematics and Computer Applications Research	2015	P:2250-2408	http://www.tjprc.org/publishpapers/1-36-1440207190-4.%20Mathematics%20-%20JMCAR%20%20-%20CHAOS%20AND%20FRACTALS%20IN%20INTUITIONISTIC%20TOPOLOGICAL%20SPACES.pdf
Characterization of Connectedness and Surroundness in an Intuitionistic Fuzzy Digital Topology	Dr. E. Roja and Dr. M. K. Uma	Mathematics	Journal of Fuzzy Mathematics	2015	1066-8950	https://www.tib.eu/en/search/id/BLSE%3ARN368666334/Characterization-of-Connectedness-and-Surroundness/
Basic Compactness and Extremal Compactness in Intuitionistic Fuzzy Structure Ring Spaces	Dr. E. Roja and Dr. M. K. Uma	Mathematics	Journal of Fuzzy Mathematics	2015	1066-8950	https://www.tib.eu/en/search/id/BLSE%3ARN602657757/Basic-Compactness-and-Extremal-Compactness-in-Intuitionistic/

Intuitionistic Chaotic Continuous Functions	Dr. E. Roja and Dr. M. K. Uma	Mathematics	Annals of Fuzzy Mathematics and Informatics	2015	P: 2093-9310 E: 2287-6235	http://www.afmi.or.kr/papers/2015/Vol-09_No-06/PDF/AFMI-9-6(975-990)-H-140731R2.pdf
On Fuzzy Rough BG-Boundary Spaces	Dr. E. Roja and Dr. M. K. Uma	Mathematics	Annals of Fuzzy Mathematics and Informatics	2015	P: 2093-9310 E: 2287-6235	http://www.afmi.or.kr/papers/2015/Vol-10_No-04/PDF/AFMI-10-4(545-559)-H-140709-1R1.pdf
Soft Fuzzy Disconnectedness in Dimension Theory	Dr. E. Roja and Dr. M. K. Uma	Mathematics	Italian Journal of Pure and Applied Mathematics	2015	1126-8042	http://ijpam.uniud.it/online_issue/201534/08-VidhyaRojaUma.pdf
On Pairwise K-Connectedness, Pairwise K-Disconnectedness and Pairwise K-Compactness in Vague Fuzzy Digital Bi-Structure Spaces	Dr. E. Roja and Dr. M. K. Uma	Mathematics	Annals of Fuzzy Mathematics and Informatics	2015	P: 2093 9310 E: 2287-6235	http://www.afmi.or.kr/papers/2015/Vol-09_No-02/PDF/AFMI-9-2(215-233)-H-140608-1R1.pdf
Fuzzy Rough Topological Entropy Structure Spaces	Dr. M.K.Uma and Dr. E. Roja	Mathematics	Annals of Fuzzy Mathematics and Informatics	2015	P: 2093-9310 E: 2287-6235	http://www.afmi.or.kr/papers/2015/Vol-10_No-03/PDF/AFMI-10-3(423-431)-H-140622R1.pdf
Some Properties of Intuitionistic Volterra Structure Spaces with Reference to t-Open Sets	Dr. M. K. Uma and Dr. E. Roja	Mathematics	Annals of Fuzzy Mathematics and Informatics	2015	P: 2093 -9310 E: 2287-6235	http://www.afmi.or.kr/papers/2015/Vol-09_No-05/PDF/AFMI-9-5(693-701)-H-140813R1.pdf
A Study on Fuzzy Regular Semi Alpha-open sets	Dr. B. Amudhambigai	Mathematics	International Journal of Mathematical Sciences & Applications	2015	2230-9888	http://ijmsa.yolasite.com/resources/32%20FUZ%20reg%20semi%20alpha%20sets.docx%20new.pdf
On r-Fuzzy Lambda-Closed Sets and Smooth Fuzzy Lambda-Continuous Functions	Dr. B. Amudhambigai	Mathematics	Journal of Advanced Mathematics	2015		http://asdpub.com/index.php/jam/article/view/94
Experimental(FTIR and FT-Raman) and Theoretical investigation of some pyridine dicarboxylicacids.	Dr. N. Prabavathi	Physics	Journal of Molecular Structure	2015	0022-2860	http://dx.doi.org/10.1016/j.molstruc.2015.06.064
Spectroscopic Investigation (FT-IR, FT-Raman, NMR and UV-Vis), Conformational Stability, NBO and Thermodynamic Analysis of 1-(2-Methoxyphenyl) Piperazine and 1-(2-Chlorophenyl) Piperazine by DFT Approach.	Dr. N. Prabavathi	Physics	Pharmaceutica analytica acta	2015	2153-2435	https://doi.org/10.4172/2153-2435.1000391 https://www.semanticscholar.org/paper/Spectroscopic-Investigation-(FT-IR%2C-FT-Raman%2C-NMR-Prabavathi-SenthilNayaki/0b357ac90ee6451f2a0d50f762a5078a6bb5882e
The spectroscopic (FT-IR, FT-Raman and NMR), first order hyperpolarizability and HOMO-LUMO analysis of 2-chlorotheophylline based on DFT Calculations	Dr. N. Prabavathi	Physics	Journal of Chemical and Pharmaceutical Sciences	2015	0974-2115	https://www.jchps.com/specialissues/Special%20issue%2011/jchps%2038%20N.%20Prabavathi%20128-131.pdf

Molecular structure, vibrational spectra, natural bond orbital and thermodynamic analysis of 3,6-dichloro-4-methyl pyridazine and 3,6-dichloropyridazine-4-carboxylic acid by dft approach	Dr. N. Prabavathi	Physics	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	2015	1386-1425	https://doi.org/10.1016/j.saa.2014.09.137
Quantum chemical calculations on elucidation of molecular structure and spectroscopic insights on 2-amino 4-methoxy-6-methyl pyrimidine 2-animo-5-brome-6-methys-4-pyrimidine-A comparative study	Dr. N. Prabavathi	Physics	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	2015	1386-1425	https://doi.org/10.1016/j.saa.2014.09.014
Crystal growth and characterization of p-Arsanic acid for Pharmaceutical application theoretical conformational study.	Dr. R. Mathammal	Physics	International journal Pharmaceutical sciences review and research	2015	0976 –044X	http://globalresearchonline.net/journalcontents/v34-1/09.pdf
Experimental cum theoretical evaluation of molecular structure, vibrational spectra, NBO, UV, NMR of a bioactive compound-Phenoxyacetohydrazide.	Dr. R. Mathammal	Physics	International journal of research- Granthaalayah	2015	P: 2394-3629 E: 2350-0530	DOI:10.5281/zenodo.847084 https://zenodo.org/record/847084#XYIQZ_K_hXIU
Crystallization, structural elucidation, vibrational illustration and quantum chemical calculation of a Pharmaceutical based pyridine derivative	Dr. R. Mathammal	Physics	Journal of chemical and Pharmaceutical sciences	2015	0974-2115	https://www.jchps.com/specialissues/Special%20issue%2011/jchps%2025%20M.Sangeetha%2083-85.pdf
Structural, Spectral analysis and Density Functional Theory Calculations of 3-Nitrophthalic acid	Dr. R. Mathammal	Physics	Journal of chemical and Pharmaceutical sciences	2015	0974-2115	https://www.jchps.com/specialissues/Special%20issue%2011/jchps%2040%20N.%20Prabavathi%20135-137.pdf
Synthesis, Crystal growth, spectral, optical, dielectric studies on Imidazolinium-L-Tartrate - A Promising NLO material	Dr. R. Mathammal	Physics	Journal of chemical and Pharmaceutical sciences	2015	0974-2115	https://www.researchgate.net/publication/288227932_Synthesis_crystal_growth_spectral_optical_dielectric_studies_on_Imidazolinium-L-Tartrate-A_Promising_NLO_material
FT-IR and FT-Raman spectra, HOMO, LUMO, first-order hyperpolarizability and NMR analysis of salicylosalicylic acid based on density functional calculations	Dr. R. Mathammal	Physics	International Journal of Current Research and Academic Review	2015	2347 - 3215	http://tiny.cc/czp3dz
Molecular structure, vibrational analysis, NMR, UV, NBO and HOMO-LUMO analysis of N,N-Diphenylformamide based on DFT calculations	Dr. R.Mathammal	Physics	SpectrochimicaActa Part A: Molecular and Biomolecular Spectroscopy	2015	1386-1425	https://doi.org/10.1016/j.saa.2014.11.057
Theoretical Investigation of the Molecular Structure, Vibrational Spectra,NMR,UV,NBOAnalysis,HOMO and LUMO Analysis of 2-(1-Piperziny)Ethanol.	Dr. R.Mathammal	Physics	Journal of Theoretical & Computational Science	2015	2376-130X	DOI:10.4172/2376-130X.1000122 https://www.longdom.org/abstract/theoretical-investigation-of-the-molecular-structure-vibrational-spectra-nmr-uv-nbo-analysis-homo-and-lumo-analysis-of-2-12204.html

Investigations on structural and optical properties of 4-chloro 2-nitroaniline crystals for nonlinear optical applications	Dr. R.Mathammal	Physics	International Journal of ChemTech Research (Scopus also)	2015	0974-4290	http://www.sphinxssai.com/2015/ch_vol8_n_o10/1/(96-101)V8N10CT.pdf
Crystal growth, structural characterization and theoretical investigation on 3,5-dinitrosalicylic acid monohydrate for nonlinear optical applications	Dr. R.Mathammal	Physics	SpectrochimicaActa Part A: Molecular and Biomolecular Spectroscopy	2015	1386-1425	https://doi.org/10.1016/j.saa.2015.01.117
Spectroscopic (FTIR, FT-Raman, UV and NMR) investigation and NLO, HOMO–LUMO, NBO analysis of 2-Benzylpyridine based on quantum chemical calculations	Dr. R.Mathammal & N.Sudha	Physics	SpectrochimicaActa Part A: Molecular and Biomolecular Spectroscopy	2015	1386-1426	https://doi.org/10.1016/j.saa.2014.08.099
The effect of fluorine substitution on the conformation and aromaticity of Eta 6-fluoro arene chromium tricarbonyl complexes – Density functional insights	Dr. A. Kalpana and Dr. L. Akilandeswari	Chemistry	Computational and Theoretical Chemistry	2015	2210-271X	https://www.infona.pl/resource/bwmeta1.element.elsevier-6d158658-69a7-330f-92ce-a42f2ffab331 https://www.scopus.com/sourceid/21000196008 http://dx.doi.org/10.1016%2Fj.comptc.2015.07.020
Rhodium (I) complexes containing 9,10-phenanthrenequinone -N-substituted thiosemicarbazone ligands: Sythesis structure, DFT study and catalytic diastereoselective nitoaldol reaction studies.	Dr. S. Anbuselvi	Chemistry	ChemInform	2015	1522-2667	https://doi.org/10.1002/chin.201549059
Competitive and co-operative torqueselectivity in the thermal ring opening of cyclobutene- A density functional insight	Dr. L. Akilandeswari	Chemistry	Journal of Chemical Sciences	2015	P: 0974-3626 E: 0973-7103	https://www.ias.ac.in/article/fulltext/jcsc/127/09/1505-1511 10.1007/s12039-015-0936-5
Evaluation of Antipyretic Activity of Methanol Extract of Hypnea musciformis (Wulf). Lamouroux (Red sea weed) in Manapad coast, Tamil Nadu, India.	Mrs. S. D. K. Shri Devi	Botany	International Journal of Medicinal Chemistry & Analysis.	2015	P: 2249-7595 E: 2249-7587	https://www.ijmca.com/zip.php?file=File_Folder/74-78(ijmca).pdf&id=121&quat=2om/view_content.php?quat=2&date=2015
Antipyretic Activity of Ampelocissus araneosa Planch. (Vitaceae) on Brewers Yeast Induced Pyrexia in Rabbit.	Mrs. B. Uma Maheswari	Botany	International Journal of Current Research in Biosciences and Plant Biology	2015	2349-8080	https://bit.ly/2o4BKtb
Hepatoprotective activity of methanol extract of Ampelocissus araneosa (Planch.) against paracetamol induced liver damage in rats.	Mrs. B. Uma Maheswari	Botany	Advances in Applied Research	2015	0974-3839	UGC Approved Journal No.: 63899 http://dx.doi.org/10.5958/2349-2104.2015.00023.6 http://www.indianjournals.com/ijor.aspx?target=ijor:aar1&volume=7&issue=2&article=009

Contribution of Mobile Application in Higher Education	Mrs. R. Bhuvanewari	Home Science	Research Tracks	2015	2347- 4637	
Impact of ICT in the field of Library and Information Science	Mrs. K. Rani	Home Science	Research Tracks	2015	2347- 4637	
An Anticipatory Approach to Overcome Node Breakeage and Convergence issues in VANET Protocols	Dr. R. Uma Rani	Computer Science	International Review on Computers and Software	2015		https://www.praiseworthyprize.org/jsm/index.php?journal=irecos&page=article&op=view&path[]=18073
A novel clustering based feature selection for classifying student performance	Dr. R. Uma Rani	Computer Science	Indian Journal of Science and Technology	2015	P: 0974-6846 E : 0974-5645	http://www.indjst.org/index.php/indjst/article/view/63666/49722
Intelligent Inter and Intra network Traffic Estimation Technique for DDoS attack Detection Using Fuzzy Rule Sets for Q's Improvement	Dr. R. Uma Rani	Computer Science	International Journal on recent and Innovation Trends in Computing and Communication	2015	P:2321-8169	https://pdfs.semanticscholar.org/306d/71fbb15db70da74e31069cea52af384ae446.pdf
A Prototype for Secure Information using Video Stegnography	Dr. R. Uma Rani	Computer Science	International Journal of Advanced Research in Computer and Communication Engineering	2015	P: 2319-5940 E: 2278-1021	https://ijarce.com/wp-content/uploads/2015/09/IJARCCCE-95.pdf
Real Time Delay tolerant Feature Approximation Technique for DDoS Attack Detection to Improve network Performance	Dr. R. Uma Rani	Computer Science	ARPN Journal of Engineering and Applied Sciences	2015	1819-6608	http://www.arpnjournals.org/jeas/research_papers/rp_2015/jeas_1015_2690.pdf
Efficient Detection of Financial Fraud detection by Selecting Optimal Ensemble Architecture using Optimization Approaches	Dr. R. Uma Rani	Computer Science	Indian Journal of Innovations and Developments	2015	P: 2277- 5382 E:2277-5390	http://ijid.informaticspublishing.com/index.php/ijid/article/view/84925/71492
Fuzzy Matrix Theory as a knowledge discovery in healthcare domain	Dr.R.Uma Rani	Computer Science	European Journal of Scientific Research (discontinued) 2014	2015	P: 1450-202X E:1450-216X	https://www.sciencedirect.com/science/article/pii/S1877050915004767
A New Deterministic Traffic Model for Core-Stateless Arrangement to Prevent the Collapse	Dr.R.Uma Rani	Computer Science	International Journal of Research	2015	2348-6848	https://pdfs.semanticscholar.org/75c5/33900859b3d8f3d4f31422cd5262df7df4d4.pdf
A Linear Regression Based Cell Reselection Approach for Selecting Destination Base Station during Handover in WiMAX	Dr.R.Uma Rani	Computer Science	International Journal of Current Research	2015	0975-833X	http://www.journalcra.com/sites/default/files/issue-pdf/6979.pdf
Network Border Patrol Prevents the Over Loading of Data Packets and Congestion Collapse Thereby Introducing GCRA	Dr.R.Uma Rani	Computer Science	International Journal of Computer Science and Mobile Computing	2015	2320-088X	https://www.ijcsmc.com/docs/papers/March2015/V4I3201521.pdf
Digital Image Processing Techniques for Bacterial Infection Detection on Tomato and Crape Jasmine Leaves.	Dr. R. Roselin	Computer Science	International Journal of Scientific and Engineering Research.	2015	2229-5518	https://www.ijser.org/researchpaper/Digital-Image-Processing-Techniques-for-Bacterial-Infection-Detection-on-Tomato.pdf

A study on Awareness and Preference of Mutual Fund Investors in Erode District	Dr. R. Rajeswari	Commerce	Indo Global Journal of Commerce and Economics	2015	2393-9796	
A study on the Impact of Celebrity Endorsed Advertisements on the Buying Behaviour of Consumers in Salem District with reference to FMCG products	Dr. R. Rajeswari	Commerce	International Journal of Research in Commerce, Economics & Management	2015	0976-2183	https://ijrcm.org.in/article_info.php?article_id=6110
A Study on Consumer Preference and Satisfaction towards Direct - To - Home Television (DTH) Services in Salem District.	Dr. R. Rajeswari	Commerce	International Journal of Research in Commerce & Management	2015	0976-2183	https://ijrcm.org.in/article_info.php?article_id=6062
A study on Employees Job Satisfaction in TNPL, Karur	Dr. R. Rajeswari and Dr. P. Pirakatheeswari	Commerce	Indo Global Journal of Commerce and Economics	2015	2393-9796	
A study on the factors influencing the Brand preference of consumer durable goods in Salem District	Dr. R. Rajeswari and Dr. P. Pirakatheeswari	Commerce	International Journal of Business and Management and Research	2015	P: 2249-6920 E: 2249-8036	
Consumer Preference towards Instant Food Products in Salem	Dr. R. Rajeswari and Dr. C. Pavithira	Commerce	Indo Global Journal of Commerce and Economics	2015	2393-9796	
Instant foods - A New Era in the Processed Food Industry	Dr. R. Rajeswari and Dr. C. Pavithira	Commerce	International Journal of Commerce	2015	2394-9597	
A Study on Consumer Satisfaction towards Sales and Service of Samsung Electronics in Madurai	Dr. P. Pirakatheeswari	Commerce	International Journal of Commerce	2015	2394-9597	
Problems and Prospects of Women Entrepreneurs in India in the era of Globalisation	Dr. P. Pirakatheeswari	Commerce	Pacific Business Review International	2015	0974-438X	UGC Approved Journal No.: 36785 http://oaji.net/articles/2016/3050-1456550553.pdf
Preference of Investors in Mutual Funds with Reference to Madurai District	Dr. P. Pirakatheeswari	Commerce	Pacific Business Review International	2015	0974-438X	UGC Approved Journal No.: 36785(69)
A Study on Customer Satisfaction towards Online Banking Services in Select Private Banks in Salem City	Dr. P. Pirakatheeswari	Commerce	International Journal of Multidisciplinary Research and Development	2015	2349-5979	
A study on Customers Attitude and Behaviour towards Jewellery Purchase in Salem District	Dr. S. Deepa	Commerce	International Journal of Business and Management and Research	2015	2249-6920	
Inclusive Growth in India-Issues and Challenges	Dr. S. Deepa	Commerce	International Journal of Research and Development	2015	2279-073X	

Blue Ocean Strategy- A Powerful Tool to make the Competition Irrelevant	Dr. S. Deepa	Commerce	International Indo Global Journal of Commerce and Economics	2015	2393-9796	
Information Seeking Behaviour of Users : A Case Study of College Libraries in Salem District	Mrs. K. Poongodi	Library	IALA Journal	2015	2319-1392	UGC Journal No.: 64648