

## Publications during the Calendar Year 2017

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
Thinai Ozhukkam	Tmt. N. Bhagushia Begum	Tamil	Journal of Classical Tamil	2017	2321-0737	UGC Approved Journal No.: 40719
Agaththinaip Paagupaadu	Tmt. N. Bhagushia Begum	Tamil	Journal of Classical Tamil	2017	2321-0737	UGC Approved Journal No.: 40719
Development in Information Retrieval for Hindi Language	Dr. C. Mohana	Hindi	International Journal of Current Research and Modern Education	2017	2455-5428	<a href="http://ijcrme.rmodernresearch.com/wp-content/uploads/2017/03/ICSACSRA-012.pdf">http://ijcrme.rmodernresearch.com/wp-content/uploads/2017/03/ICSACSRA-012.pdf</a>
Shah Jahan and Jahanara in Indu Sundaresan's The Shadow Princess	Dr. A.Selvalakshmi	English	Pune Research – An International Journal in English	2017	2454-3454	UGC Journal No.: 48520 <a href="http://puneresearch.com/media/data/issues/59843bced2929.pdf">http://puneresearch.com/media/data/issues/59843bced2929.pdf</a>
Representation of Violence against women in Garcia Marquez of Love and other Demons	Dr. A.Selvalakshmi	English	Pune Research – An International Journal in English	2017	2454-3454	UGC Journal No.: 48520 <a href="http://puneresearch.com/media/data/issues/59843b1fb63ae.pdf">http://puneresearch.com/media/data/issues/59843b1fb63ae.pdf</a>
Saga of Yoruba in the work of Ben Okri	Dr. A.Selvalakshmi	English	The English India – INELL – The Indian National Journal of English Language and Literature	2017	P: 2347-2634 E: 2321-1172	UGC Journal No.: 62883
Assessment of La Malinche's Personality in Laura Esquivel's Malinche	Dr. A.Selvalakshmi	English	The English India – INELL – The Indian National Journal of English Language and Literature	2017	P: 2347-2634 E: 2321-1172	UGC Journal No.: 62883
Gabriel Garcia Marquez Rewrites History in One Hundred Years of Solitude	Dr. A.Selvalakshmi	English	The English India – INELL – The Indian National Journal of English Language and Literature	2017	P: 2347-2634 E: 2321-1172	UGC Journal No.: 62883
Culinary Aspects in Indu Sundaresan's Taj Mahal Trilogy	Dr. A.Selvalakshmi	English	The English India – INELL – The Indian National Journal of English Language and Literature	2017	P: 2347-2634 E: 2321-1172	UGC Journal No.: 62883
Interpretation of Id and Superego in The House of Berbarda Alba	Dr. A.Selvalakshmi	English	The English India – INELL – The Indian National Journal of English Language and Literature	2017	P: 2347-2634 E: 2321-1172	UGC Journal No.: 62883

Margin Moving to centre: A Study of Anita Nair's Ladies Coupe	Mrs. M. P. Rajeshwari	English	Roots - International Journal of Multidisciplinary Researches	2017	2349-8684	UGC Approved Journal No.: 48991
From Bondage to Freedom-A Feminist Reading of Anita Nair's Mistress	Mrs. M. P. Rajeshwari	English	Roots - International Journal of Multidisciplinary Researches	2017	2349-8684	UGC Approved Journal No.: 48991
Cormoran Strike - The Unconventional Household Name	S. Lavanya	English	Pune Research An International Journal in English	2017	2454-3454	UGC Approved Journal No.: 48520 <a href="http://puneresearch.com/media/data/issues/5974771168893.pdf">http://puneresearch.com/media/data/issues/5974771168893.pdf</a>
The Lost Souls of Jeet Thayil's Narcopolis	S. Lavanya	English	Pune Research An International Journal in English	2017	2454-3454	UGC Approved Journal No.: 48520 <a href="http://puneresearch.com/media/data/issues/59d2810b10de3.pdf">http://puneresearch.com/media/data/issues/59d2810b10de3.pdf</a>
Sita - The Born Vishnu in Amish Tripathi's Sita: Warrior of Mithila	S. Lavanya	English	Research Journal of English Language and Literature (RJELAL)	2017	P: 2395-2636 E: 2321-3108	<a href="http://www.rjelal.com/6.1.18/49-55%20S.%20LAVANYA.pdf">http://www.rjelal.com/6.1.18/49-55%20S.%20LAVANYA.pdf</a>
Female Foeticide	A.F.Lilly	History	Shanlax International Journal of Arts,Science and Humanities ( volume 2 special issue 1)	2017	2321-788X	
Honour Killing	N.Uma Maheshwari	History	Shanlax International Journal of Arts,Science and Humanities ( volume 2 special issue 1)	2017	2321-788X	
Self Help Group in India	N. Umamaheswari	History	Emperor International Journal of Finance and Management Research	2017	2395-5929	
Child Marriage	M.Nala	History	Shanlax International Journal of Arts,Science and Humanities ( volume 2 special issue 1)	2017	2321-788X	
Dowry Death	A. Subha	History	Shanlax International Journal of Arts,Science and Humanities ( volume 2 special issue 1)	2017	2321-788X	
Wife battering	R.Anuradha	History	Shanlax International Journal of Arts,Science and Humanities	2017	2321-788X	
The Titles of Vanniya kula Kshatriyas -A Study	R.Anuradha	History	International Journal of Research in Humanities and Social Science	2017	2349- 8900	<a href="https://doi.org/10.15613/hijrh%2F2017%2Fv4i1%2F154514">https://doi.org/10.15613/hijrh%2F2017%2Fv4i1%2F154514</a>

Role of N.G.O s in Rural Development	R. Anuradha	History	Emperor International Journal of Finance and Management Research	2017	2395-5929	UGC Journal No.: 45308
The Impact of National Rural Employment Guarantee Programme in Tamil Nadu	Dr. K. Pushpavalli	Economics	Emperor International Journal of Finance and Management Research	2017	2395-5929	UGC Journal No.: 45308
Role of Co-operatives in Nurturing Rural Development	Dr. P. Subasree	Economics	Emperor International Journal of Finance and Management Research	2017	2395-5929	UGC Journal No.: 45308
A Study on Challenges and Opportunities of Women Entrepreneurs in Salem District	Dr. T. Sasikala	Economics	Asian Journal of Management Sciences and Economics	2017	2413-0591	
The Incidence of Poverty and Inequality in India: An Empirical Analysis	Dr. P. Kanakarani	Economics	The International Journal of Research in Commerce, Economics & Management	2017	2231-4245	<a href="https://ijrcm.org.in/article_info.php?article_id=7732">https://ijrcm.org.in/article_info.php?article_id=7732</a>
A View on Intuitionistic Smarandache Topological Semigroup Structure Spaces	Dr. M. K. Uma	Mathematics	Global Journal of Pure and Applied Mathematics	2017	0973-1768	<a href="https://www.ripublication.com/gjpam17/gjpamv13n10_21.pdf">https://www.ripublication.com/gjpam17/gjpamv13n10_21.pdf</a>
On Intuitionistic B cap Structure Normal Spaces	Dr. M. K. Uma	Mathematics	Global Journal of Pure and Applied Mathematics	2017	0973-1768	<a href="https://www.ripublication.com/gjpam17/gjpamv13n10_25.pdf">https://www.ripublication.com/gjpam17/gjpamv13n10_25.pdf</a>
G Delta-Compactness on Fuzzy Chaotic Structure Spaces	Dr. M. K. Uma	Mathematics	International Journal of Current Research and Modern Education	2017	2455-5428	UGC Journal No.: 47722 <a href="http://ijcrme.rmodernresearch.com/wp-content/uploads/2017/03/ICSACSRA-020.pdf">http://ijcrme.rmodernresearch.com/wp-content/uploads/2017/03/ICSACSRA-020.pdf</a>
Fuzzy Orbit G-Structure Space	Dr. M. K. Uma	Mathematics	International Journal of Computational and Applied Mathematics	2017	1819-4966	<a href="https://www.ripublication.com/ijcamspl17/ijcamv12n1spl_36.pdf">https://www.ripublication.com/ijcamspl17/ijcamv12n1spl_36.pdf</a>
Fuzzy Orbit Star Continuous Mappings	Dr. M. K. Uma	Mathematics	Annals of Fuzzy Mathematics and Informatics	2017	P: 2093-9310 E: 2287-6235	UGC Journal No.: 49120 <a href="http://www.afmi.or.kr/papers/2017/Vol-13-No-04/PDF/AFMI-13-4(465-474)-H-160302R2.pdf">http://www.afmi.or.kr/papers/2017/Vol-13-No-04/PDF/AFMI-13-4(465-474)-H-160302R2.pdf</a>
On Fuzzy g Star m-Continuity in Fuzzy Star Matroids	Dr. M. Sudha	Mathematics	Journal of Fuzzy Mathematics	2017	1066-8950	UGC Approved Journal No.: 49340 <a href="https://www.tib.eu/en/search/id/BLSE%3ARN611689339/On-Fuzzy-g%5E-m-continuity-in-Fuzzy-%5E-Matroids/">https://www.tib.eu/en/search/id/BLSE%3ARN611689339/On-Fuzzy-g%5E-m-continuity-in-Fuzzy-%5E-Matroids/</a>

Some Strong and Weak Forms of Generalized Fuzzy Star G Delta Beta Continuity in Fuzzy Star Matroids	Dr. M. Sudha	Mathematics	International Journal of Computational and Applied Mathematics	2017	1819-4966	<a href="https://www.ripublication.com/ijcamsp117/ijcamv12n1spl_39.pdf">https://www.ripublication.com/ijcamsp117/ijcamv12n1spl_39.pdf</a>
Ordered Fuzzy Scalable Presemi Lambda Compact Spaces	Dr. D. Amsaveni	Mathematics	International Journal of Mathematical Sciences & Applications	2017	2230-9888	<a href="http://ijmsa.yolasite.com/resources/6.%20REDERED_FUZZY%20(1).pdf">http://ijmsa.yolasite.com/resources/6.%20REDERED_FUZZY%20(1).pdf</a>
Intuitionistic Fuzzy Digital Convexity	Dr. D. Amsaveni	Mathematics	International Journal of Computational and Applied Mathematics	2017	1819-4966	<a href="https://www.ripublication.com/ijcamsp117/ijcamv12n1spl_05.pdf">https://www.ripublication.com/ijcamsp117/ijcamv12n1spl_05.pdf</a>
Fuzzy S Splitting Cellularity and Fuzzy S Jointly Cellularity	Dr. D. Amsaveni	Mathematics	International Journal of Computational and Applied Mathematics	2017	1819-4966	<a href="https://www.ripublication.com/ijcamsp117/ijcamv12n1spl_40.pdf">https://www.ripublication.com/ijcamsp117/ijcamv12n1spl_40.pdf</a>
QFT Alpha m Compact in Quad Fuzzy Topological Spaces	Dr. D. Amsaveni	Mathematics	Global Journal of Pure and Applied Mathematics	2017	0973-1768	<a href="https://www.ripublication.com/Volume/gjpa mv13n2spl.htm">https://www.ripublication.com/Volume/gjpa mv13n2spl.htm</a> <a href="https://www.ripublication.com/gjpamsp12015/paper%20160%2014-124.pdf">https://www.ripublication.com/gjpamsp12015/paper%20160%2014-124.pdf</a>
Intuitionistic Fuzzy Digital C-Maps and Convex Envelopes	Dr. D. Amsaveni	Mathematics	Global Journal of Pure and Applied Mathematics	2017	0973-1768	<a href="https://www.ripublication.com/Volume/gjpa mv13n2spl.htm">https://www.ripublication.com/Volume/gjpa mv13n2spl.htm</a> <a href="https://www.ripublication.com/gjpamsp12015/gjpa mv13n2spl_03.pdf">https://www.ripublication.com/gjpamsp12015/gjpa mv13n2spl_03.pdf</a>
Ffsp-Separation Axioms and Ffsp-Compactness in Fine Fuzzy Topological Spaces	Dr. D. Amsaveni	Mathematics	Global Journal of Pure and Applied Mathematics	2017	0973-1768	<a href="https://www.ripublication.com/Volume/gjpa mv13n2spl.htm">https://www.ripublication.com/Volume/gjpa mv13n2spl.htm</a> <a href="https://www.ripublication.com/gjpamsp12015/gjpa mv13n2spl_110.pdf">https://www.ripublication.com/gjpamsp12015/gjpa mv13n2spl_110.pdf</a>
A View on Fuzzy C Cellular Spaces	Dr. D. Amsaveni	Mathematics	Global Journal of Pure and Applied Mathematics	2017	0973-1768	<a href="https://www.ripublication.com/gjpamsp12015/paper%2006%20B%20paper%20159%2059-68.pdf">https://www.ripublication.com/gjpamsp12015/paper%2006%20B%20paper%20159%2059-68.pdf</a>
A View on Quasi Lambda - Open m-Sets in m-Topological Spaces	Dr. B. Amudhambigai	Mathematics	Italian Journal of Pure and Applied Mathematics	2017	1126-8042	<a href="http://ijpam.uniud.it/online_issue/201738/65-Amudhambigai-Revathi-Sunmathi.pdf">http://ijpam.uniud.it/online_issue/201738/65-Amudhambigai-Revathi-Sunmathi.pdf</a>
A Study on Hereditary Generalized Regular Submaximal Spaces	Dr. B. Amudhambigai	Mathematics	Journal of Advanced Mathematics	2017		<a href="http://asdpub.com/index.php/jam/article/view/319/231">http://asdpub.com/index.php/jam/article/view/319/231</a>
Designing A Fuzzy Model For Risk Factors of Air Pollution	Dr. B. Amudhambigai	Mathematics	International Journal of Current research and Modern education	2017	2455-5428	UGC Journal No.: 47722 <a href="http://ijcrme.rdmodernresearch.com/wp-content/uploads/2017/03/ICSACSRA-021.pdf">http://ijcrme.rdmodernresearch.com/wp-content/uploads/2017/03/ICSACSRA-021.pdf</a>

A Study on Demonitisation Using Fuzzy Matrix	Dr. B. Amudhambigai	Mathematics	International Journal of Current research and Modern education	2017	2455-5428	UGC Journal No.: 47722 <a href="http://ijcrme.rmodernresearch.com/wp-content/uploads/2017/03/ICSACSRA-019.pdf">http://ijcrme.rmodernresearch.com/wp-content/uploads/2017/03/ICSACSRA-019.pdf</a>
Covering Dimension of Fuzzy Normal Spaces	Dr. B. Amudhambigai	Mathematics	Journal of Fuzzy Mathematics	2017	1066-8950	<a href="http://www.tib.eu/en/search/id/BLSE%3ARN611689315/Covering-Dimension-of-Fuzzy-Normal-Spaces/">UGC Approved Journal No.: 49340 <a href="http://www.tib.eu/en/search/id/BLSE%3ARN611689315/Covering-Dimension-of-Fuzzy-Normal-Spaces/">http://www.tib.eu/en/search/id/BLSE%3ARN611689315/Covering-Dimension-of-Fuzzy-Normal-Spaces/</a></a>
On Decomposition of Fuzzy BE Open Sets	Dr. B. Amudhambigai	Mathematics	International Journal of Computational and Applied Mathematics	2017	1819-4966	<a href="https://www.ripublication.com/ijcamspl17/ijcamv12n1spl_38.pdf">https://www.ripublication.com/ijcamspl17/ijcamv12n1spl_38.pdf</a>
A view on Fuzzy Fine Topological Group Structure Spaces	Dr. B. Amudhambigai	Mathematics	International Journal of Computational and Applied Mathematics	2017	1819-4966	<a href="https://www.ripublication.com/ijcamspl17/ijcamv12n1spl_37.pdf">https://www.ripublication.com/ijcamspl17/ijcamv12n1spl_37.pdf</a>
On Fuzzy Hardly rho Open Functions in Fuzzy Topological Spaces	Dr. B. Amudhambigai	Mathematics	International Journal of Computational and Applied Mathematics	2017	1819-4966	<a href="https://www.ripublication.com/ijcamspl17/ijcamv12n1spl_02.pdf">https://www.ripublication.com/ijcamspl17/ijcamv12n1spl_02.pdf</a>
The Fuzzy F Star -Fundamental Group of Fuzzy F Star-Structure Spaces	Dr. B. Amudhambigai	Mathematics	International Journal of Computational and Applied Mathematics	2017	1819-4966	<a href="https://www.ripublication.com/ijcamspl17/ijcamv12n1spl_04.pdf">https://www.ripublication.com/ijcamspl17/ijcamv12n1spl_04.pdf</a>
On Fuzzy Rho Door Spaces	Dr. B. Amudhambigai	Mathematics	International Journal of Computational and Applied Mathematics	2017	1819-4966	<a href="https://www.ripublication.com/ijcam17/ijcamv12n3_02.pdf">https://www.ripublication.com/ijcam17/ijcamv12n3_02.pdf</a>
On Fuzzy Automata Homotopy	Dr. B. Amudhambigai	Mathematics	Global Journal of Pure and Applied Mathematics	2017	0973-1768	<a href="https://pdfs.semanticscholar.org/9369/47d3fed04132b9c53ec827eaf3f4f7e6d316.pdf">https://pdfs.semanticscholar.org/9369/47d3fed04132b9c53ec827eaf3f4f7e6d316.pdf</a>
Fuzzy Spectral Spaces	Dr. B. Amudhambigai	Mathematics	Global Journal of Pure and Applied Mathematics	2017	0973-9750	<a href="https://www.ripublication.com/Volume/gjpa_mv13n2spl.htm">https://www.ripublication.com/Volume/gjpa_mv13n2spl.htm</a>
Separation Axioms via Contra Pi- Continuous Functions in M- Topological spaces	Dr. B. Amudhambigai	Mathematics	Journal of Advanced Mathematics	2017		<a href="http://asdpub.com/index.php/jam/article/view/364/250">http://asdpub.com/index.php/jam/article/view/364/250</a>
A Study on Fuzzy Apha-Ext Sober Spaces	Dr. B. Amudhambigai	Mathematics	International Journal of Scientific Research and Modern Education	2017	9001-2015	<a href="http://doi.org/10.5281/zenodo.1028261">http://doi.org/10.5281/zenodo.1028261</a> <a href="http://ijsrme.rmodernresearch.com/2017/10/19/a-study-on-fuzzy-alpha-ext-sober-spaces/">http://ijsrme.rmodernresearch.com/2017/10/19/a-study-on-fuzzy-alpha-ext-sober-spaces/</a>
Synthesis,Growth&Characterizationof organic crystaltriphenylmethene p- nitrlaniline:	Dr. N. Prabavathi	Physics	Materials Science– Poland	2017		<a href="https://www.scopus.com/sourceid/21055">https://www.scopus.com/sourceid/21055</a> <a href="https://doi.org/10.1515/mssp-2017-0068">https://doi.org/10.1515/mssp-2017-0068</a>

Nonlinear optical properties of methanesulphonylmorpholine(MSM) single crystal grown by conventional & Sankaranarayanan- Ramasamy(SR) method	Dr. N. Prabavathi	Physics	International Journal of Engineering Sciences & Research Technology	2017	2277-9655	<a href="http://www.ijesrt.com/issues%20pdf%20file/Archive-2017/October-2017/25.pdf">http://www.ijesrt.com/issues%20pdf%20file/Archive-2017/October-2017/25.pdf</a> <a href="https://zenodo.org/record/105281">10.5281/zenodo.1002707</a>
Bulk growth of organic 4-hydroxy l-proline (HLP) single crystals grown by conventional slow evaporation and Sankaranarayanan–Ramasamy (SR) method	Dr. N. Prabavathi	Physics	Journal of Materials Science: Materials in Electronics	2017	P: 0957-4522 E:1573-482X	<a href="https://www.scopus.com/sourceid/21177">https://www.scopus.com/sourceid/21177</a>
Growth and characterization of an Inorganic material: Pure and Hydrochloric acid doped Sulphamic acid single crystal	Dr. N. Prabavathi	Physics	Chemical Science Review and letters	2017	2278-6783	<a href="https://www.researchgate.net/publication/316279277_Growth_and_Characterization_of_an_Inorganic_material_Pure_and_Hydrochloric_acid_Doped_Sulphamic_acid_Single_Crystal">https://www.researchgate.net/publication/316279277_Growth_and_Characterization_of_an_Inorganic_material_Pure_and_Hydrochloric_acid_Doped_Sulphamic_acid_Single_Crystal</a> <a href="http://dx.doi.org/10.1080/14328917.2016.1200845">http://dx.doi.org/10.1080/14328917.2016.1200845</a>
Computational analysis of 6,7-dimethoxy-2, 2-dimethyl 4-chromanone by density functional theory calculations.	Dr. N. Prabavathi	Physics	International Journal of Current Research and Modern education	2017	2455 – 5428	<a href="http://ijcrme.rmodernresearch.com/wp-content/uploads/2017/03/ICSACSRA-005.pdf">http://ijcrme.rmodernresearch.com/wp-content/uploads/2017/03/ICSACSRA-005.pdf</a>
Computational study of quinazolinone derivatives using density functional theory calculations	Dr. N. Prabavathi	Physics	International Journal of Current Research and Modern education	2017	2455 – 5428	<a href="http://ijcrme.rmodernresearch.com/wp-content/uploads/2017/03/ICSACSRA-006.pdf">http://ijcrme.rmodernresearch.com/wp-content/uploads/2017/03/ICSACSRA-006.pdf</a>
Directional Growth of L-Glutamic Acid Hydrochloride(LGHCL) Single Crystal Grown By Conventional and Sankaranarayanan-Ramasamy(SR) Method: A Comparative Study By Means of Optical, LDT, Photo conductivity Photo Acoustic and Polarizability Properties.	Dr. N. Prabavathi	Physics	International Journal of Current Advanced Research	2017	P: 2319 –6505 E: 2319-6475,	UGC Journal No: 43892 <a href="https://doi.org/10.24327/ijcar.2017.3932.0399">https://doi.org/10.24327/ijcar.2017.3932.0399</a> <a href="http://search.crossref.org/?q=10.24327/ijcar.2017.3932.0399">http://search.crossref.org/?q=10.24327/ijcar.2017.3932.0399</a>
Establishment of the structural and enhanced physicochemical properties of the cocrystal-2-benzyl amino pyridine with oxalic acid	Dr. R. Mathammal	Physics	Journal of molecular structure	2017	ISSN: 0022-2860	<a href="https://doi.org/10.1016/j.molstruc.2017.04.085">https://doi.org/10.1016/j.molstruc.2017.04.085</a>
quantum chemical calculations of 2,6-dibromo-4-nitrophenol: a new nonlinear optical crystal	Dr. R. Mathammal	Physics	Material Research Innovations	2017	ISSN: 1432-8917 (Print) 1433-075X (Online)	DOI: 10.1080/14328917.2016.1195055
Sol Gel Assisted Microwave Synthesised Hydroxyapatite Nanostructure Using Biowaste Mussel shell as A Calcium Source.	Dr. R. Mathammal	Physics	Journal of Environmental Nanotechnology	2017	P: 2279-0748 E: 2319-5541	doi:10.13074/jent.2017.12.174289 <a href="http://www.nanoient.org/JENT/Volume6/Issue4/Sol-Gel-Assisted-Microwave-Synthesised-Hydroxyapatite-Nanostructure-using-Biowaste-Musselshell-as-A-Calcium-Source/688#.XYIUDq_hXIU">www.nanoient.org/JENT/Volume6/Issue4/Sol-Gel-Assisted-Microwave-Synthesised-Hydroxyapatite-Nanostructure-using-Biowaste-Musselshell-as-A-Calcium-Source/688#.XYIUDq_hXIU</a>

Thermodynamic and interaction studies of L-Arginine in Aqueous Fructose solutions at 303K, 308K and 313K	Dr. R. Mathammal	Physics	International journal of current advanced research	2017	P: 2319-6505 E: 2319-6475	UGC Journal No. : 63675 <a href="https://journalijcar.org/sites/default/files/issue-files/4677-A--2017.pdf">https://journalijcar.org/sites/default/files/issue-files/4677-A--2017.pdf</a> <a href="http://dx.doi.org/10.24327/ijcar.2017">http://dx.doi.org/10.24327/ijcar.2017</a>
Ultrasonic Studies and Compressibility behavior of Intermolecular interactions of L-Arginine in Aqueous Fructose (5%) solution at 303,308 and313K	Dr. R. Mathammal	Physics	International Journal of Current Trends in Science and Technology	2017	P: 0976-9499 E: 0976-9730	UGC Journal No. : 63675
Influence of Strontium as a dopant in Hydroxyapatite for Potential Biomedical Applications	Dr. R. Mathammal	Physics	IAETSD Journal for Advanced Research in Applied Sciences	2017	2394-8442	<a href="http://iaetsdjaras.org/gallery/23-jaras-349-december.pdf">http://iaetsdjaras.org/gallery/23-jaras-349-december.pdf</a>
Incorporation and In Vitro Application of Hydroxyapatite with Silver and Titanium Dopants Synthesized by Wet Chemical Method	Dr. R. Mathammal	Physics	Journal of Environmental Nanotechnology	2017	P: 2279-0748 E: 2319-5541	doi:10.13074/jent.2017.12.174290
Synthesis and Characterization of Hydroxyapatite Nano particles using Wet Chemical Method	Dr. R. Mathammal	Physics	International Journal of Advanced Science and Engineering	2017	2349 5359	<a href="https://doi.org/10.29294/IJASE.4.2.2017.571-574">https://doi.org/10.29294/IJASE.4.2.2017.571-574</a>
Growth and spectral analysis of piperazinium L-tartrate salt: A combined experimental and Theoretical approach.	Dr. R. Mathammal	Physics	Journal of molecular structure	2017	0022-2860	<a href="https://doi.org/10.1016/j.molstruc.2016.11.045">https://doi.org/10.1016/j.molstruc.2016.11.045</a>
Screening and structural elucidation of the Zwitterionic co-crystal o-picolinic acid with p-nitroaniline	Dr. R. Mathammal	Physics	Journal of molecular structure	2017	0022-2860	<a href="https://doi.org/10.1016/j.molstruc.2016.12.085">https://doi.org/10.1016/j.molstruc.2016.12.085</a> <a href="https://www.scopus.com/sourceid/24642">https://www.scopus.com/sourceid/24642</a>
Quantum computational and spectroscopic analysis of sulfamethazine	Dr. R. Mathammal	Physics	International Journal of current Research and Modern education	2017	2455 –5428	<a href="http://ijcrme.rmodernresearch.com/wp-content/uploads/2017/03/ICSACSRA-009.pdf">http://ijcrme.rmodernresearch.com/wp-content/uploads/2017/03/ICSACSRA-009.pdf</a>
DFT studies of 3-methy-2,6-Diphenyl-piperidin 4,5-Dione	Dr. R. Mathammal	Physics	International Journal of current Research and Modern education	2017	2455 –5428	UGC Journal No.: 47722 <a href="http://ijcrme.rmodernresearch.com/wp-content/uploads/2017/02/ICSACSRA-001.pdf">http://ijcrme.rmodernresearch.com/wp-content/uploads/2017/02/ICSACSRA-001.pdf</a>
Physical and Chemical properties of Cocystal 2-Benzylamino pyridine: Oxalic acid- A computational approach	Dr. R. Mathammal	Physics	International Journal of current Research and Modern education	2017	2455 –5428	UGC Journal.No.: 47722 <a href="http://ijcrme.rmodernresearch.com/wp-content/uploads/2017/03/ICSACSRA-004.pdf">http://ijcrme.rmodernresearch.com/wp-content/uploads/2017/03/ICSACSRA-004.pdf</a>

Computational Investigation of N,N'-Bis(2-Hydroxybenzylidene)-1,2-diamino Benzene-Molecular structure and properties	Dr. R. Mathammal & N. Sudha	Physics	International Journal of current Research and Modern education	2017	2455 –5430	UGC Journal No.: 47722 <a href="http://ijcrme.rdmodernresearch.com/wp-content/uploads/2017/03/ICSACSRA-008.pdf">http://ijcrme.rdmodernresearch.com/wp-content/uploads/2017/03/ICSACSRA-008.pdf</a>
A complete synergy on the experimental and theoretical investigation of 4-Nitroaniline for Nonlinear optical applications	Dr. R. Mathammal	Physics	Journal of chemical and pharmaceutical sciences	2017	0974-2115	UGC Source Id: 19700201516 <a href="https://www.scopus.com/sourceid/19700201516">https://www.scopus.com/sourceid/19700201516</a> <a href="https://pdfs.semanticscholar.org/423d/232892043ef7b0a39265ba785882e53dd298.pdf?_ga=2.188443048.1825788872.1567660140-693289737.1556255203">https://pdfs.semanticscholar.org/423d/232892043ef7b0a39265ba785882e53dd298.pdf?_ga=2.188443048.1825788872.1567660140-693289737.1556255203</a>
Infrared emission from Mn doped CuO nanoparticles	Dr. S. S. Gomathi	Physics	International journal of scientific Research Engineering and Technology	2017	2278 – 0882	<a href="http://www.ijret.org/pdf/121983.pdf">http://www.ijret.org/pdf/121983.pdf</a>
Environmental Friendly Novel Synthesis Route for CdS Quantum Dots	K. Vidhya	Physics	Science and Technological Research Journal	2017	2299-8624	<a href="http://www.elavenil.com/strj/english/issue_1_1/issue_1_1_6.pdf">http://www.elavenil.com/strj/english/issue_1_1/issue_1_1_6.pdf</a> <a href="https://www.scopus.com/sourceid/18374">https://www.scopus.com/sourceid/18374</a>
Structural and electronic effects of cation binding (Li+, Na+, K+, Mg2+ and Ca2+) to the $\pi$ system of the ( $\eta^6$ -benzene)-Cr(CO) <sub>3</sub> complex: A theoretical study the ( $\eta^6$ -benzene)-Cr(CO) <sub>3</sub> complex: A theoretical study	Dr. A. Kalpana and Dr. L. Akilandeswari	Chemistry	Journal of the Serbian chemical society	2017	P: 0352-5139 E: 1820-7421	<a href="https://doi.org/10.2298/JSC161228063K">doi.org/10.2298/JSC161228063K</a> <a href="https://www.scopus.com/sourceid/21535">https://www.scopus.com/sourceid/21535</a>
Tuning the tripodal rotational barrier in 6-chromiumtricarbonyl heteroarenes –A step towards torsional switches	Dr. A. Kalpana and Dr. L. Akilandeswari	Chemistry	Indian Journal of Chemistry Sec A	2017	P: 0376-4710 E: 0975-0975	Indian journals indexed in Web of Science Serial NO 26 <a href="http://nopr.niscair.res.in/handle/123456789/42315">http://nopr.niscair.res.in/handle/123456789/42315</a>
Does alkali cation binding to aromatic ring retard the fluxional haptotropic migration? Evidences from density functional study	Dr. A. Kalpana and Dr. L. Akilandeswari	Chemistry	Journal of Chemical Sciences	2017	P:0974-3626 E: 0973-7103	<a href="https://doi.org/10.1007/s12039-017-1382-3">https://doi.org/10.1007/s12039-017-1382-3</a> <a href="https://www.scopus.com/sourceid/19600164700">https://www.scopus.com/sourceid/19600164700</a>
Competitive/co-operative interactions in acid base sandwich: role of cation vs. Substituents	Dr. A. Kalpana and Dr. L. Akilandeswari	Chemistry	Journal of Molecular Modeling	2017	P:1610-2940 E:0948-5023	<a href="https://doi.org/10.1007/s00894-017-3518-2">https://doi.org/10.1007/s00894-017-3518-2</a> <a href="https://www.scopus.com/sourceid/57844">https://www.scopus.com/sourceid/57844</a>
Computational Investigation of N,N' -Bis (2-Hydroxybenzylidene)-1,2-diamino benzene-molecular structure and properties	Dr. S. Anbuselvi	Chemistry	International Journal of Current Research and Modern Education	2017	2455-5428	<a href="http://ijcrme.rdmodernresearch.com/wp-content/uploads/2017/03/ICSACSRA-008.pdf">http://ijcrme.rdmodernresearch.com/wp-content/uploads/2017/03/ICSACSRA-008.pdf</a>
Role of fluorine on thermal rearrangement of bromo and carboxy-2-pyrones-evidences from DFT	Dr. L. Akilandeswari	Chemistry	International Journal of Current Research and Modern Education	2017	2455 – 5428	<a href="http://ijcrme.rdmodernresearch.com/wp-content/uploads/2017/03/ICSACSRA-002.pdf">http://ijcrme.rdmodernresearch.com/wp-content/uploads/2017/03/ICSACSRA-002.pdf</a>

Tetradentate-arm Schiff base derived from the condensation reaction of 3,3'-dihydroxybenzidine, glyoxal/diacetyl and 2-aminophenol: Designing, structural elucidation and properties of their binuclear metal(II) complexes	E.Akila	Chemistry	Arabian Journal of Chemistry	2017	1878-5352	<a href="https://doi.org/10.1016/j.arabjc.2013.11.031">https://doi.org/10.1016/j.arabjc.2013.11.031</a>
Spectral characterization, biological activities and DNA cleaving studies of 1-[(6-Methyl-pyridin-2-ylimino)-methyl]-naphthalen-2-ol and its metal(II) complexes	E. Akila	Chemistry	Indian Journal Of Applied Research	2017	2249-555X	<a href="https://www.doi.org/10.36106/ijar">https://www.doi.org/10.36106/ijar</a> <a href="https://www.worldwidejournals.com/indian-journal-of-applied-research-(IJAR)/article/spectral-characterization-biological-activities-and-dna-cleaving-studies-of-1-6-methyl-pyridin-2-ylimino-methyl-naphthalen-2-ol-and-its-metal-ii-complexes/MTI2ODg=/">https://www.worldwidejournals.com/indian-journal-of-applied-research-(IJAR)/article/spectral-characterization-biological-activities-and-dna-cleaving-studies-of-1-6-methyl-pyridin-2-ylimino-methyl-naphthalen-2-ol-and-its-metal-ii-complexes/MTI2ODg=/</a>
Synthesis, characterization and DNA cleavage studies of mononuclear Cobalt (ii) complex derived Isatin and Aniline	E. Akila	Chemistry	Indian Journal Of Applied Research	2017	2249-555X	<a href="https://www.worldwidejournals.com/indian-journal-of-applied-research-(IJAR)/article/synthesis-characterization-and-dna-cleavage-studies-of-mononuclear-cobalt-ii-complex-derived-isatin-and-aniline/MTI2ODc=?is=1&amp;b1=13&amp;k=4">https://www.worldwidejournals.com/indian-journal-of-applied-research-(IJAR)/article/synthesis-characterization-and-dna-cleavage-studies-of-mononuclear-cobalt-ii-complex-derived-isatin-and-aniline/MTI2ODc=?is=1&amp;b1=13&amp;k=4</a>
Synthesis, composition, geometry and antibacterial assay of mononuclear schiff base metal complex derived from 1H-Indole-2, 3-Dione and Aniline	E. Akila	Chemistry	World Journal of Pharmaceutical Research	2017	2277– 7105	<a href="http://tiny.cc/tg9zdz">http://tiny.cc/tg9zdz</a>
Biosynthesis of Cr(III) nanoparticles from electroplating wastewater using chromiumresistant Bacillus subtilis and its cytotoxicity and antibacterial activity	V. Janaki	Chemistry	Artificial Cells, Nanomedicine, and Biotechnology	2017	2169-1401	<a href="https://doi.org/10.1080/21691401.2016.1228660">https://doi.org/10.1080/21691401.2016.1228660</a> <a href="https://www.scopus.com/sourceid/21100241807">https://www.scopus.com/sourceid/21100241807</a>
Screening of Anti-Diabetic Properties of Fucoidan Extracted from Padina tetrastratica Hauck in Manapad Coast, Tamil Nadu, India.	Mrs.S.D.K. Shridevi	Botany	International Journal of Phytopharmacy Research	2017	P: 2229-7464 E: 2249-7544	UGC Journal No.: 43814 <a href="http://www.phytopharmacyresearch.com/view_content.php?quat=8&amp;date=2017&amp;issue=1">http://www.phytopharmacyresearch.com/view_content.php?quat=8&amp;date=2017&amp;issue=1</a>
Preliminary Phytochemical Profile of Hypnea flagelliformis Greville ex J.Ag. (Red seaweed) in Koothankuzhi Coast Tamil Nadu, India.	Mrs.S.D.K. Shridevi	Botany	International Journal of Innovative Drug Discovery	2017	P: 2249-7617 E: 2249-7609	<a href="http://www.ijidd.com/view_content.php?quat=1&amp;date=2017">http://www.ijidd.com/view_content.php?quat=1&amp;date=2017</a>
Screening of Analgesic Activity of Methanol Extract of Hypnea Flagelliformis Greville ex J.Ag. (Red seaweed)in Koothankuzhi Coast Tamil Nadu, India.	Mrs. S.D. K. Shridevi	Botany	International Journal of Pharma Research and Health Sciences	2017	E:2348 - 6465	UGC Journal No.: 46433 <a href="http://www.pharmahealthsciences.net/pdfs/volume5-issue62017/19.vol15-issue6-2017-MS-15510.pdf">http://www.pharmahealthsciences.net/pdfs/volume5-issue62017/19.vol15-issue6-2017-MS-15510.pdf</a>  DOI:10.21276/ijprhs.2017.06.19

Study of CNS Depressant Activity of Methanol Extract of Laurencia pappilosa (Forssakal) Greville (Red seaweed) in Kanyakumari Coast, Tamil Nadu, India.	Mrs. S.D. K. Shridevi	Botany	Asian Journal of Science and Technology	2017	0976 - 3376	<a href="https://www.journalajst.com/study-cns-depressant-activity-methanol-extract-laurencia-papillosa-forssakal-greville-red-seaweed">https://www.journalajst.com/study-cns-depressant-activity-methanol-extract-laurencia-papillosa-forssakal-greville-red-seaweed</a>
Synthesis of Silver Nanoparticles using Adathodavasica Aqueous leaf extract and its effect on Bacterial activity	Mrs. S. Geetha	Zoology	World Journal of Pharmaceutical Research	2017	2277 - 7105	UGC Journal No.: 47332 DOI : 10.20959/wjpr20173-7873 <a href="https://wjpr.net/dashboard/archive_show/2017/VOLUME%206,%20MARCH%20ISSUE%203">https://wjpr.net/dashboard/archive_show/2017/VOLUME%206,%20MARCH%20ISSUE%203</a>
Mutual Authentication of Nodes in WSN using Migrated ECC of Asymmetric Key	Dr. R. Uma Rani	Computer Science	International Journal of Engineering and Technology	2017	P : 2319-8613 E : 0975-4024	<a href="http://www.enggjournals.com/ijet/docs/IJE_T17-09-06-307.pdf">http://www.enggjournals.com/ijet/docs/IJE_T17-09-06-307.pdf</a>
Network Security	Mrs.R.Bhuvana Indumathi and Mrs.R.Bhuvanewari	Home Science	International Journal of Current Research and Modern Education	2017	2455-5428	UGC Journal No.: 44176 <a href="http://ijcrme.rmodernresearch.com/wp-content/uploads/2017/03/ICSACSRA-015.pdf">http://ijcrme.rmodernresearch.com/wp-content/uploads/2017/03/ICSACSRA-015.pdf</a>
Application of Bioinformatics in Food Quality Control	Mrs.K. Rani and Dr.K.Gomathi	Home Science	International Journal of Current Research and Modern Education	2017	2455-5428.	UGC Journal No.: 44176 <a href="http://ijcrme.rmodernresearch.com/wp-content/uploads/2017/03/ICSACSRA-013.pdf">http://ijcrme.rmodernresearch.com/wp-content/uploads/2017/03/ICSACSRA-013.pdf</a>
Computer Application in Designing Trendy and Comfortable Feeding Nighties	Dr. M. Kanimozhi	Home Science	International Journal of Current Research and Modern Education	2017	2455-5428	UGC Journal No.: 44176 <a href="http://ijcrme.rmodernresearch.com/wp-content/uploads/2017/03/ICSACSRA-014.pdf">http://ijcrme.rmodernresearch.com/wp-content/uploads/2017/03/ICSACSRA-014.pdf</a>
Herbal Finished Garment for Psoriasis Patients	Dr. M. Kanimozhi	Home Science	Shanlax International Journal of Arts, Science and Humanities	2017	2321-788X	<a href="http://www.shanlaxjournals.in/pdf/SPL/AS_H_V4-SPL-1.pdf">http://www.shanlaxjournals.in/pdf/SPL/AS_H_V4-SPL-1.pdf</a>
A survey on Sentiment Analysis for eLearning from students Feedback through social networks	Dr. C. Immaculate Mary and Mrs. R. Pushpavalli	Computer Science	International Journal of Computational Research and Development	2017	2456 3137	UGC Journal No:44176
An Automatic satellite image enhancement using Advanced Genetic Algorithm	Dr. C. Immaculate Mary and Mrs. A. Jensila Smile	Computer Science	International journal of computational Intelligence and Informatics	2017	2349-6363	<a href="https://www.periyaruniversity.ac.in/ijcii/iss ue/Vol6No4Mar2017/M10_PID0391.pdf">https://www.periyaruniversity.ac.in/ijcii/iss ue/Vol6No4Mar2017/M10_PID0391.pdf</a>
Mining Big Data - An Analysis of SMS Text Data Using R.	Dr. C. Immaculate Mary	Computer Science	International Journal of Computational Intelligence and Informatics	2017	2349-6363	<a href="https://www.periyaruniversity.ac.in/ijcii/iss ue/Vol6No4Mar2017/M1_PID0366.pdf">https://www.periyaruniversity.ac.in/ijcii/iss ue/Vol6No4Mar2017/M1_PID0366.pdf</a>

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Early Detection And Extraction of Disease Infected Area on Litchi Fruit And Leaf	Dr. R. Uma Rani	Computer Science	International Journal of Computational Research and Development	2017	2456 – 3137	<a href="https://www.researchgate.net/publication/329017827">https://www.researchgate.net/publication/329017827</a> <a href="https://www.researchgate.net/publication/329017827">EARLY DETECTION AND EXTRACTION OF DISEASE INFECTED AREA ON LITCHI FRUIT AND LEAF</a>
Hierarchical Routing based on Neighbour Coverage in Wireless Sensor Networks	Dr. R. Uma Rani	Computer Science	International Journal of Computational Research and Development	2017	2456 – 3137	UGC Journal No.: 44176
Hybrid Optimization Feature Selection for Predicting Student Performance	Dr. R. Uma Rani	Computer Science	International Journal of Computer Science	2017	2348-6600	<a href="http://www.ijcsjournal.com/wp-content/uploads/2018/02/IJCS-198.pdf">http://www.ijcsjournal.com/wp-content/uploads/2018/02/IJCS-198.pdf</a>
Weight Optimization of Multilayer Neural Network Using Hybrid PSO for Improved Brain Computer Interface Data Classification	Dr. R. Uma Rani	Computer Science	International Journal of Computational Intelligence and Informatics	2017	2349-6363	<a href="https://pdfs.semanticscholar.org/82fb/c027371d20236916d590831b2c6ba5d0f99c.pdf">https://pdfs.semanticscholar.org/82fb/c027371d20236916d590831b2c6ba5d0f99c.pdf</a>
Improved Flooding with Qos Metrics In MANET Grid	Dr. R. Uma Rani	Computer Science	International Journal of Computational Intelligence and Informatics	2017	2349 – 6363	<a href="https://www.periyaruniversity.ac.in/ijcii/issue/Vol6No4Mar2017/M8_PID0373.pdf">https://www.periyaruniversity.ac.in/ijcii/issue/Vol6No4Mar2017/M8_PID0373.pdf</a>
Steganalysis on Images Using SVM with Selected Hybrid Features of Gini Index Feature Selection Algorithm	Dr. R. Uma Rani	Computer Science	International Journal of Advanced Research in Computer Science	2017	0976-5697	<a href="http://www.ijarcs.info/index.php/Ijarcs/article/view/3583/3564">http://www.ijarcs.info/index.php/Ijarcs/article/view/3583/3564</a>
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