

KMCPGS

List of journals published by various teaching faculties during 2013 - 2018

3.4.5 Number of research papers per teacher in the Journals notified on UGC website

Title of paper	Name of the author/s	Dept. of the teacher	Name of journal	Year of publication	ISSN No.	Link of the recognition in UGC enlistment of the Journal	
Probing vibrational activities, electronic properties, molecular docking and Hirshfeld	S. Periandy	Physics	Journal of Molecular Structure	2018	00222860	<a href="https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?id=MDAyMjI4">https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?id=MDAyMjI4</a>	<a href="https://doi.org/10.1016/j.molstruc.2018.01.042">https://doi.org/10.1016/j.molstruc.2018.01.042</a>
molecular structure, Hirshfeld surface, spectral investigations and molecular docking study of 3-(5-bromo-2-thienyl)-1-(4-fluorophenyl)-3-acetyl-2-pyrazoline (2) by DFTmethod	S. Periandy	Physics	Journal of Molecular Structure	2018	00222860	<a href="https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?id=MDAyMjI4NjA=&amp;&amp;did=U2VhcmNoIGJ5IEITU04=">https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?id=MDAyMjI4NjA=&amp;&amp;did=U2VhcmNoIGJ5IEITU04=</a>	<a href="https://doi.org/10.1016/j.molstruc.2018.03.004">https://doi.org/10.1016/j.molstruc.2018.03.004</a>
Molecular structure-associated pharmacodynamic investigation on benzoyl peroxide usingspectroscopic and quantum computational tools	S. Periandy	Physics	Journal of Taibah University for Science	2018	16583655	<a href="https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?id=MTY1ODM2NTU=&amp;&amp;did=U2VhcmNoIGJ5IEITU04=">https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?id=MTY1ODM2NTU=&amp;&amp;did=U2VhcmNoIGJ5IEITU04=</a>	<a href="https://doi.org/10.1080/16583655.2018.1451116">https://doi.org/10.1080/16583655.2018.1451116</a>

Vibrational investigation on pharmaceutical activity of m-xylene-4-sulphonic acid by quantum computational and experimental support	S. Periandy	Physics	Journal of Taibah University for Science	2018	16583655	<a href="https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?id=MTY1ODM2NTU=&amp;did=U2VhcmNoIGJ5IEITU04=">https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?id=MTY1ODM2NTU=&amp;did=U2VhcmNoIGJ5IEITU04=</a>	<a href="https://doi.org/10.1080/16583655.2018.1451115">https://doi.org/10.1080/16583655.2018.1451115</a>
Dividend Policy and Stock Price Volatility: Evidence From Oil and Gas Industries in India	Pandey, N. S. & Devi Narayani, S.	Commerce	Zenith International Journal of Multidisciplinary Research	2018	22315780	<a href="https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?id=MjIzMTU3ODA=&amp;did=U2VhcmNoIGJ5IEITU04=">https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?id=MjIzMTU3ODA=&amp;did=U2VhcmNoIGJ5IEITU04=</a>	<a href="http://www.zenithresearch.org.in/images/stories/pdf/2018/JAN/ZIJMR/18_ZIJMR_VOL8_ISSUE1_JAN_2018.pdf">http://www.zenithresearch.org.in/images/stories/pdf/2018/JAN/ZIJMR/18_ZIJMR_VOL8_ISSUE1_JAN_2018.pdf</a>
Trialectics of Being in Hansda Swvendra Shekhar's The Adivasi will not Dance Stories	Dr. Marie Josephine Aruna	English	International Journal of English Language, Literature in Humanities	2018	23217065	<a href="https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?id=MjMyMTcwNjU=&amp;did=U2VhcmNoIGJ5IEITU04=">https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?id=MjMyMTcwNjU=&amp;did=U2VhcmNoIGJ5IEITU04=</a>	not available

Violence and Silence in Chimamanda Ngozi Adichie's Purple Hibiscus	Dr. Marie Josephine Aruna	English	International Journal of English Language, Literature in Humanities	2018	23217065	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?id=MjMyMTcwNjU=&&did=U2VhcmNoIGJ5IElTU04=	not available
Operating Efficiency of Small Size Acquired Manufacturing Firms in India	D. Silambarasan and R. Azhagaiah	Commerce	SCMS Journal	2018	09733167	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?id=MDk3MzMxNjc=&&did=U2VhcmNoIGJ5IElTU04=	<a href="https://www.scms.edu.in/uploads/journal/April%20-%20June%202018.pdf">https://www.scms.edu.in/uploads/journal/April%20-%20June%202018.pdf</a>
Neurotoxic effect of Titanium Dioxide Nanoparticles: Biochemical and Pathological approach in Male Wistar rats	Vasantharaja D. and Dr. V. Ramalingam	Zoology	International Journal of Applied Pharmaceutics	2018	09757058	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?id=MDk3NTcwNTg=&&did=U2VhcmNoIGJ5IElTU04=	<a href="http://dx.doi.org/10.22159/ijap.2018v10i4.25622">http://dx.doi.org/10.22159/ijap.2018v10i4.25622</a>

Renal-protective and ameliorating impacts of omega-3 fatty acids against aspartame damaged MDCK cells	Nagajyothi, P.C., Muthuraman Pandurangan, Muthuvivegan andavel V, Doo Hwan Kim, TVM Sreekanth and Jaesool Shim	Zoology	Biofactors	2018	09516433	<a href="https://doi.org/10.1002/biof.1387">https://doi.org/10.1002/biof.1387</a> <a href="https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MDk1MTY0MzM=&amp;&amp;did=U2VhcmNoIGJ5IElTU04=">https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MDk1MTY0MzM=&amp;&amp;did=U2VhcmNoIGJ5IElTU04=</a>
Green synthesis, characterization and anticancer activity of yttrium oxide nanoparticles	Dr. V. Muthuv	Zoology	Material Le	2018	0167577 X	<a href="https://doi.org/10.1016/j.matlet.2017.12.081">https://doi.org/10.1016/j.matlet.2017.12.081</a> <a href="https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MDE2NzU3N1g=&amp;&amp;did=U2VhcmNoIGJ5IElTU04=">https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MDE2NzU3N1g=&amp;&amp;did=U2VhcmNoIGJ5IElTU04=</a>

actinomycetes associated with the Carangid fish Alepes Melanoptera, (Swainson, 1839) and an evaluation on their antimicrobial	Antoniraj, A., Anandan, V., Ganesan, T and Gunasingh, A.	Botany	Asian Journal of Microbiology and Biotechnology	2018	09723005	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?id=MDk3MjMwMDU=&&did=U2VhcmNoIGJ5IElTU04=	<a href="http://www.envirobiotechjournals.com/article_abstract.php?aid=8467&amp;iid=243&amp;jid=1">http://www.envirobiotechjournals.com/article_abstract.php?aid=8467&amp;iid=243&amp;jid=1</a>
Micromorpho-anatomical Evaluation of In vitro and Field Transferred Plants of Coccinia indica Wight & Arn	Shekhawat, M.S. and Manokari, M.	Botany	Springer Journal	2018	2249720X	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?id=MjI0OTcyMFg=&&did=U2VhcmNoIGJ5IElTU04=	<a href="http://dx.doi.org/10.1007%2Fs40003-018-0326-6">http://dx.doi.org/10.1007%2Fs40003-018-0326-6</a>
Improved high frequency in vitro regeneration and micromorphological studies in Turnera ulmifolia L.- An important medicinal plant	Manokari, M. a	Botany	Folia Horti	2018	08671761	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?id=MDg2NzE3NjE=&&did=U2VhcmNoIGJ5IElTU04=	<a href="https://link.springer.com/article/10.1007/s12298-015-0335-x">https://link.springer.com/article/10.1007/s12298-015-0335-x</a>

factors affecting in vitro regeneration, flowering, ex vitro rooting and foliar micromorphological studies of Oldenlandia corymbosa L.- A multipotent herb	Revathi, J., Manokari, M. and Shekhawat, M.S.	Botany	Springer Journal.	2018	01676857	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?id=MDE2NzY4NTc=&did=U2VhcmNoIGJ5IEITU04=	<a href="https://link.springer.com/article/10.1007/s11240-018-1395-8">https://link.springer.com/article/10.1007/s11240-018-1395-8</a>
Optimization of in vitro conditions for induction of somatic embryos and regeneration of plantlets in Euphorbia hirta L	Shekhawat, M.S., Manokari, M. and Revathi, J.	Botany	Current Trends in Biotechnology and Pharmacy	2018	09738916	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?id=MDk3Mzg5MTY=&did=U2VhcmNoIGJ5IEITU04=	<a href="https://abap.co.in/optimization-vitro-conditions-induction-somatic-embryos-and-regeneration-plantlets-euphorbia-hirta-l">https://abap.co.in/optimization-vitro-conditions-induction-somatic-embryos-and-regeneration-plantlets-euphorbia-hirta-l</a>
Biogenic synthesis of silver nanoparticle from wasp nest soil fungus, Penicillium italicum and its analysis against multi drug resistance pathogens	Nayak, B. K., Nanda, A. and Prabhakar V	Botany	Biocatalysis	2018	18788181	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?id=MTg3ODgxODE=&did=U2VhcmNoIGJ5IEITU04=	<a href="https://doi.org/10.1016/j.bcab.2018.09.014">https://doi.org/10.1016/j.bcab.2018.09.014</a>

In vivo and in vitro characterization of probiotic organisms for their microbial adhesion property isolated from Coconut toddy	Krishnamoorthy, M., Nayak, B.K. and Nanda, A	Botany	Karbala International Journal of Modern Science	2018	2405609X	<a href="https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?id=MjQwNTYwOVg=&amp;did=U2VhcmNoIGJ5IElTU04=">https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?id=MjQwNTYwOVg=&amp;did=U2VhcmNoIGJ5IElTU04=</a>	<a href="https://doi.org/10.1016/j.kijoms.2018.08.001">https://doi.org/10.1016/j.kijoms.2018.08.001</a>
Antimicrobial properties of biogenic silver nanoparticles synthesized from phylloplane fungus, <i>Aspergillus tamari</i>	Nanda, A., Nayak, B.K. and Krishnamoorthy, M	Botany	Biocatalysis and Agricultural Biotechnology	2018	18788181	<a href="https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?id=MTg3ODgxODE=&amp;did=U2VhcmNoIGJ5IElTU04=">https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?id=MTg3ODgxODE=&amp;did=U2VhcmNoIGJ5IElTU04=</a>	<a href="https://doi.org/10.1016/j.bcab.2018.08.002">https://doi.org/10.1016/j.bcab.2018.08.002</a>
Aeromycological Studies by Volumetric Sampler on Agar Plates in few Village Localities of Pondicherry Region	Nayak, B.K., Prabhakar, V. and Nanda, A.	Botany	Research J. Pharm. and Tech	2017	0974360X	<a href="https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?id=MDk3NDM2MFg=&amp;did=U2VhcmNoIGJ5IElTU04=">https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?id=MDk3NDM2MFg=&amp;did=U2VhcmNoIGJ5IElTU04=</a>	<a href="http://rjptonline.org/AbstractView.aspx?PID=2017-10-11-9">http://rjptonline.org/AbstractView.aspx?PID=2017-10-11-9</a>

An insight into the structure, vibrations, electronic and reactivity properties of the tautomers 1–(diaminomethylene)thiourea and 2–imino–4–thiobiuret.	Dr. V. Arjunan	Chemistry	J. Mol. Struct. 1133	2017	00222860	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MDAyMjI4NjA=&&did=U2VhcmNoIGJ5IEITU04=	<a href="https://doi.org/10.1016/j.molstruc.2016.12.011">https://doi.org/10.1016/j.molstruc.2016.12.011</a>
Structure, vibrations and quantum chemical investigations of hydrogen bonded complex of bis(1–hydroxy–2–methylpropan–2–aminium)selenate <sup>-</sup> .	Dr. V. Arjunan	Chemistry	J. Mol. Struct. 1134	2017	00222860	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MDAyMjI4NjA=&&did=U2VhcmNoIGJ5IEITU04=	<a href="https://doi.org/10.1016/j.molstruc.2016.12.065">https://doi.org/10.1016/j.molstruc.2016.12.065</a>
“Crystal structure, vibrational spectra and DFT studies of hydrogen bonded 1,2,4-triazolium hydrogenselenate.”	Dr. V. Arjunan	Chemistry	J. Mol. Struct. 1145	2017	00222860	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MDAyMjI4NjA=&&did=U2VhcmNoIGJ5IEITU04=	<a href="https://doi.org/10.1016/j.molstruc.2017.05.107">https://doi.org/10.1016/j.molstruc.2017.05.107</a>



Select Macro-Economic Variables and CNX 500: Long-run and Short-run Relationship in Indian Market	G. Radhika R. Azhagaiah	Commer ce	SCMS Journal of Indian Managem ent (A Quarterly Publicatio n)	2017	09733167	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MDk3MzMxNjc=&&did=U2VhemNoIGJ5IEITU04=	
Impact of Dividend Policy on Shareholders Wealth: Indian Scence	S. Gejalakshmi	Commerc	SCMS Jou	2017	09733167	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MDk3MzMxNjc=&&did=U2VhemNoIGJ5IEITU04=	
Comparative foliar micromorphological studies of in vitro and field transferred plants of <i>Morinda citrifolia</i> L. Acta Botanica Hungarica	Manokari, M. a	Botany	Hungarian Academy of Science.	2017	02366495	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MDIzNjY0OTU=&&did=U2VhemNoIGJ5IEITU04=	<a href="https://doi.org/10.1556/034.59.2017.3-4.8">https://doi.org/10.1556/034.59.2017.3-4.8</a>

In vitro multiplication, micromorphological studies and ex vitro rooting of Hybanthus enneaspermus (L.) F. Muell. - A rare medicinal plant	Shekhawat, M.S. and Manokari, M.	Botany	Acta Botanica Croatica	2017	03650588	<a href="https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MDM2NTA1ODg=&amp;did=U2VhcmNoIGJ5IEITU04=">https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MDM2NTA1ODg=&amp;did=U2VhcmNoIGJ5IEITU04=</a>	<a href="https://doi.org/10.1515/botcro-2017-0012">https://doi.org/10.1515/botcro-2017-0012</a>
Optimization of in vitro and ex vitro regeneration and micromorphological studies of Micrococca mercurialis (L.) Benth.	Manokari, M.	Botany	Botanica Pacifica	2017	22264701	<a href="https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MjIyNjQ3MDE=&amp;did=U2VhcmNoIGJ5IEITU04=">https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MjIyNjQ3MDE=&amp;did=U2VhcmNoIGJ5IEITU04=</a>	<a href="https://doi.org/10.17581/bp.2017.06105">DOI: 10.17581/bp.2017.06105</a>
Micromorphological response towards altered environmental conditions in subsequent stages of in vitro propagation of Morinda coreia	Shekhawat, M.S., Manokari, M. and Kannan, N.	Botany	Environmental and Experimental Biology	2017	16918088	<a href="https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MTY5MTgwODg=&amp;did=U2VhcmNoIGJ5IEITU04=">https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MTY5MTgwODg=&amp;did=U2VhcmNoIGJ5IEITU04=</a>	<a href="https://www.researchgate.net/publication/322711345_Micromorphological_response_towards_altered_environmental_conditions_in_subsequent_stages_of_in_vitro_propagation_of_Morinda_coreia">https://www.researchgate.net/publication/322711345_Micromorphological_response_towards_altered_environmental_conditions_in_subsequent_stages_of_in_vitro_propagation_of_Morinda_coreia</a>

Comprehensive analysis of in vitro to field transition of micromorphology and leaf architecture in <i>Passiflora edulis</i> Sims. f. <i>flavicarpa</i> Deg	Manokari, M. and Shekhawat, M.S.	Botany	Indian Journal of Plant Physiology	2017	00195502	<a href="https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?id=MDAxOTU1MDI=&amp;&amp;did=U2VhemNoIGJ5IEITU04=">https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?id=MDAxOTU1MDI=&amp;&amp;did=U2VhemNoIGJ5IEITU04=</a>	<a href="https://link.springer.com/article/10.1007/s40502-017-0290-3">https://link.springer.com/article/10.1007/s40502-017-0290-3</a>
Foliar micromorphological evaluation of <i>Cardiospermum halicacabum</i> L. – An important medicinal climber	Shekhawat, M.S. and Manokari, M.	Botany	The Open Plant Science Journal	2017	18742947	<a href="https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?id=MTg3NDI5NDc=&amp;&amp;did=U2VhemNoIGJ5IEITU04=">https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?id=MTg3NDI5NDc=&amp;&amp;did=U2VhemNoIGJ5IEITU04=</a>	<a href="https://benthamopen.com/EPUB/BSP-TOPSI-2017-16">https://benthamopen.com/EPUB/BSP-TOPSI-2017-16</a>
Ecofriendly synthesis of zinc oxide nanoparticles from asthma plant – <i>Euphorbia hirta</i> L	Manokari, M. and Shekhawat, M.S.	Botany	World Scientific News - Polish Academy Journal	2017	23922192	<a href="https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?id=MjM5MjIxOTI=&amp;&amp;did=U2VhemNoIGJ5IEITU04=">https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?id=MjM5MjIxOTI=&amp;&amp;did=U2VhemNoIGJ5IEITU04=</a>	<a href="http://yadda.icm.edu.pl/yadda/element/bwmeta1.element.psid-f42c2422-841b-4741-a67a-9cde1f42ed41">http://yadda.icm.edu.pl/yadda/element/bwmeta1.element.psid-f42c2422-841b-4741-a67a-9cde1f42ed41</a>

IR, FT-Raman, UV, NMR, NLO) investigation, molecular docking and molecular simulation dynamics on 1-Methyl-3-Phenylpiperazine	S. Periandy	Physics	Journal of Molecular Structure	2017	00222860	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?id=MDAyMjI4NjA=&&did=U2VhemNoIGJ5IEITU04= <a href="https://doi.org/10.1016/j.molstruc.2017.04.016">https://doi.org/10.1016/j.molstruc.2017.04.016</a>
Spectroscopic (FT-IR, FT-Raman, UV, 1H and 13C NMR) profiling and computational studies on methyl 5-methoxy-1H-indole-2-carboxylate: A potential precursor to biologically active molecules	S. Periandy	Physics	Journal of Molecular Structure	2017	00222860	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?id=MDAyMjI4NjA=&&did=U2VhemNoIGJ5IEITU04= <a href="https://doi.org/10.1016/j.molstruc.2016.12.004">https://doi.org/10.1016/j.molstruc.2016.12.004</a>
Molecular structure activity on pharmaceutical applications of Phenacetin using spectroscopic investigation	S. Periandy	Physics	Journal of Molecular Structure	2017	00222860	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?id=MDAyMjI4NjA=&&did=U2VhemNoIGJ5IEITU04= <a href="https://doi.org/10.1016/j.molstruc.2016.08.028">https://doi.org/10.1016/j.molstruc.2016.08.028</a>

Characterisation of 1,3-diammoniumpr opylselenate monohydrate by XRD, FT-IR, FT-Raman, DSC and DFT studies.	Dr. V. Arjunan	Chemistr y	J. Mol. Struct. 1107	2016	00222860	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MDAyMjI4NjA=&&did=U2VhcmNoIGJ5IEITU04=	<a href="https://doi.org/10.1016/j.molstruc.2015.11.052">https://doi.org/10.1016/j.molstruc.2015.11.052</a>
Potential energy profile, structural, vibrational and reactivity descriptors	Dr. V. Arjunan	Chemistr y	J. Mol. Struct. 1113	2016	00222860	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MDAyMjI4	<a href="https://doi.org/10.1016/j.molstruc.2016.02.034">https://doi.org/10.1016/j.molstruc.2016.02.034</a>
The Theme of Disint	Dr. S. Rajaraja	English	Internatio nal Journal of English Language, Literature & Humanitie s	2016	23217065	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MjMyMTcwNjU=&&did=U2VhcmNoIGJ5IEITU04=	<a href="http://ijellh.com/OJS/index.php/OJS/article/view/1741">http://ijellh.com/OJS/index.php/OJS/article/view/1741</a>

Working Capital Management on Profitability: Cement Industry in India	Pandey, N. S. & Sabamaithily, S.	Commerce	SCMS Journal of Indian Management	2016	09733167	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?id=MDk3MzMxNjc=&&did=U2VhcmNoIGJ5IEITU04=	
Enhanced Data Security using Neural Network in Cloud Environment	S. Jegadeeswari, P. Dinadayalan and N. Gnanambigai	Computer Science	International Journal of Applied Engineering Research	2016	09734562	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?id=MDk3MzQ1NjI=&&did=U2VhcmNoIGJ5IEITU04=	<a href="https://www.researchgate.net/publication/298711764_Enhanced_data_security_using_neural_network_in_cloud_environment">https://www.researchgate.net/publication/298711764_Enhanced_data_security_using_neural_network_in_cloud_environment</a>
Non-Newtonian Lub	Dhaneshwar Prasad and Venkata Subrahmanya m Sajja	Mathematics	Tribology Transactions	2016	10402004	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?id=MTA0MDIwMDQ=&&did=U2VhcmNoIGJ5IEITU04=	<a href="https://www.tandfonline.com/doi/abs/10.1080/10402004.2015.1107927">https://www.tandfonline.com/doi/abs/10.1080/10402004.2015.1107927</a>

A Novel Artificial Neural Network Model for Prediction of Soil Total Porosity	N.Kannathasan	Computer Science	International Journal of Applied Engineering Research (Scopus Indexed) – UGG Approved Journal	2015	09734562	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MDk3MzQ1NjI=&&did=U2VhcmNoIGJ5IEITU04=	<a href="https://www.researchgate.net/publication/281569531_A_Novel_Artificial_Neural_Network_Model_for_Prediction_of_Soil_Total_Porosity">https://www.researchgate.net/publication/281569531_A_Novel_Artificial_Neural_Network_Model_for_Prediction_of_Soil_Total_Porosity</a>
Comprehensive quantum chemical and spectroscopic (FTIR, FT-Raman, <sup>1</sup> H, <sup>13</sup> C NMR) investigations of (1,2-epoxyethyl)benzene and (1,2-epoxy-2-phen	Dr. V. Arjunan	Chemistry	Spectrochim. Acta135A	2015	13861425	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MTM4NjE0MjU=&&did=U2VhcmNoIGJ5IEITU04=	<a href="https://www.sciencedirect.com/science/article/pii/S138614251401">https://www.sciencedirect.com/science/article/pii/S138614251401</a>

Structural and vibrational spectral investigations of melaminiumglutarate monohydrate by FTIR, FT-Raman and DFT methods.	Dr. V. Arjunan	Chemistry	Spectrochim. Acta135A	2015	13861425	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MTM4NjE0MjU=&&did=U2VhcmNoIGJ5IEITU04=	
Conformational, structural, vibrational, electronic and quantum chemical investigations of cis-2-methoxycinnamic acid.	Dr. V. Arjunan	Chemistry	J. Mol. Struct. 1080	2015	00222860	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MDAyMjI4NjA=&&did=U2VhcmNoIGJ5IEITU04=	<a href="https://doi.org/10.1016/j.molstruc.2014.09.083">https://doi.org/10.1016/j.molstruc.2014.09.083</a>
Substituent influence on the structural, vibrational and electronic properties of 2,5-dihydrothiophene-1,1-dioxide by experimental and	Dr. V. Arjunan	Chemistry	Spectrochim. Acta150A	2015	13861425	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MTM4NjE0MjU=&&did=U2VhcmNoIGJ5IEITU04=	<a href="https://doi.org/10.1016/j.saa.2015.05.100">https://doi.org/10.1016/j.saa.2015.05.100</a>



Structure activity studies of an analgesic drug Tapentadol hydrochloride by spectroscopic and quantum chemical methods.	Dr. V. Arjunan	Chemistry	J. Mol. Struct. 1110	2015	00222860	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MDAyMjI4NjA=&&did=U2VhcmNoIGJ5IEITU04=	<a href="https://doi.org/10.1016/j.molstruc.2015.07.040">https://doi.org/10.1016/j.molstruc.2015.07.040</a>
Investors' Perception towards Alternatives & Preferences	Pandey, N. S. & Kathavarayan. P	Commerce	SCMS Journal of Indian Management	2015	09733167	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MDk3MzMxNjc=&&did=U2VhcmNoIGJ5IEITU04=	<a href="https://search.proquest.com/openview/8c1e40809a59492d32420980f99fb1dd/1?pq-origsite=gscholar&amp;cbl=546310">https://search.proquest.com/openview/8c1e40809a59492d32420980f99fb1dd/1?pq-origsite=gscholar&amp;cbl=546310</a>
Performance Evaluation: Banking	Dr. Aravazhi Irissappane	Commerce	SCMS Journal Of	2015	09733167	c.ac.in/journalist/subjectwisej	
Structure–activity relations of 2–(methylthio)benzimidazole by FTIR, FT–Raman, NMR, DFT and conceptual DFT methods.”	Dr. V. Arjunan	Chemistry	Spectrochim. Acta 118A (2014) 951–965	2014	13861425	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MTM4NjE0MjU=&&did=U2VhcmNoIGJ5IEITU04=	<a href="https://doi.org/10.1016/j.saa.2013.09.100">https://doi.org/10.1016/j.saa.2013.09.100</a>

Spectroscopic and structural investigations of 4-bromomethyl-5-methyl-1,3-dioxol-2-one and 4,5-bis(bromomethyl)-1,3-dioxol-2-one by quantum	Dr. V. Arjunan	Chemistry	J. Mol. Struct. 1056-1057 (2014) 38-51	2014	00222860	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MDAyMjI4NjA=&&did=U2VhcmNoIGJ5IEITU04=	<a href="https://doi.org/10.1016/j.molstruc.2013.09.060">https://doi.org/10.1016/j.molstruc.2013.09.060</a>
Comprehensive quantum chemical and spectroscopic (FTIR, FT-Raman, <sup>1</sup> H, <sup>13</sup> C NMR) investigations of O-desmethyltramadol hydrochloride an active metabolite in	Dr. V. Arjunan	Chemistry	Spectrochim. Acta 122A (2014) 315-330.	2014	13861425	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MTM4NjE0MjU=&&did=U2VhcmNoIGJ5IEITU04=	<a href="https://doi.org/10.1016/j.saa.2013.11.040">https://doi.org/10.1016/j.saa.2013.11.040</a>
Exploring the structure-activity relations of N-carbonylphthalimide by combining FTIR, FT-Raman and NMR spectroscopy with DFT electronic	Dr. V. Arjunan	Chemistry	Spectrochim. Acta 120A (2014) 473-488.	2014	13861425	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MTM4NjE0MjU=&&did=U2VhcmNoIGJ5IEITU04=	<a href="https://doi.org/10.1016/j.saa.2013.10.025">https://doi.org/10.1016/j.saa.2013.10.025</a>

A new look into the quantum chemical and spectroscopic investigations of 5-chloro-1-methyl-4-nitroimidazole”.	Dr. V. Arjunan	Chemistry	Spectrochim. Acta125A	2014	13861425	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MTM4NjE0MjU=&&did=U2VhcmNoIGJ5IEITU04=	<a href="https://doi.org/10.1016/j.saa.2014.01.070">https://doi.org/10.1016/j.saa.2014.01.070</a>
Synthesis, FTIR and FT-Raman spectral analysis and structure-activity relations of N-(4-bromophenyl)-2,2-dichloroacetamide by DFT studies”.	Dr. V. Arjunan	Chemistry	J. Mol. Struct. 1064	2014	00222860	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MDAyMjI4NjA=&&did=U2VhcmNoIGJ5IEITU04=	<a href="https://doi.org/10.1016/j.molstruc.2014.01.091">https://doi.org/10.1016/j.molstruc.2014.01.091</a>
DFT simulation, quantum chemical electronic structure, spectroscopic and structure-activity investigations of 2-benzothiazole acetonitrile”.	Dr. V. Arjunan	Chemistry	Spectrochim. Acta128A (2014) 22-36	2014	13861425	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MTM4NjE0MjU=&&did=U2VhcmNoIGJ5IEITU04=	<a href="https://doi.org/10.1016/j.saa.2014.02.187">https://doi.org/10.1016/j.saa.2014.02.187</a>

Spectroscopic and density functional theory studies of trans-3-(trans-4-imidazolyl)acrylic acid”.	Dr. V. Arjunan	Chemistry	Spectrochim. Acta129A	2014	13861425	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MTM4NjE0MjU=&&did=U2VhcmNoIGJ5IEITU04=	<a href="https://doi.org/10.1016/j.saa.2014.03.053">https://doi.org/10.1016/j.saa.2014.03.053</a>
Synthesis, vibrational, NMR, quantum chemical and structure-activity relation studies of 2-hydroxy-4-methoxyacetophenone.”	Dr. V. Arjunan	Chemistry	Spectrochim. Acta130A	2014	13861425	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MTM4NjE0MjU=&&did=U2VhcmNoIGJ5IEITU04=	<a href="https://doi.org/10.1016/j.saa.2014.03.121">https://doi.org/10.1016/j.saa.2014.03.121</a>
Castor Seeds Futures: NCDEX and NMCE	S. Kirithiga R. Azhagaiah	Commerce	SCMS Journal of Indian Management (A Quarterly Publication)	2014	09733167	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MDk3MzMxNjc=&&did=U2VhcmNoIGJ5IEITU04=	<a href="https://search.proquest.com/openview/ea2795da0078fd3d7a6eb1b79753cc1f/1?pq-origsite=gscholar&amp;cbl=546310">https://search.proquest.com/openview/ea2795da0078fd3d7a6eb1b79753cc1f/1?pq-origsite=gscholar&amp;cbl=546310</a>

An Empirical Study on Firm Size and Corporate Leverage: Some Evidences from Cement Industry in India	R. Azhagaiah D. Silalmbasaran	Commer ce	SCMS Journal of Indian Managem ent (A Quarterly Publicatio n)	2014	09733167	<a href="https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MDk3MzMxNjc=&amp;&amp;did=U2VhcmNoIGJ5IEITU04=">https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MDk3MzMxNjc=&amp;&amp;did=U2VhcmNoIGJ5IEITU04=</a>	
Vibrational, Electronic Investigations and Quantum Chemical studies of 2-amino-4-methoxybenzothiazole.	Dr. V. Arjunan	Chemistr y	Spectrochi m. Acta102A	2013	13861425	<a href="https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MTM4NjE0MjU=&amp;&amp;did=U2VhcmNoIGJ5IEITU04=">https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MTM4NjE0MjU=&amp;&amp;did=U2VhcmNoIGJ5IEITU04=</a>	<a href="https://doi.org/10.1016/j.saa.2012.09.076">https://doi.org/10.1016/j.saa.2012.09.076</a>
Conformational, vibrational, NMR and DFT studies of N-methylacetanilide”.	Dr. V. Arjunan	Chemistr y	Spectrochi m. Acta104A	2013	13861425	<a href="https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MTM4NjE0MjU=&amp;&amp;did=U2VhcmNoIGJ5IEITU04=">https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MTM4NjE0MjU=&amp;&amp;did=U2VhcmNoIGJ5IEITU04=</a>	<a href="https://doi.org/10.1016/j.saa.2012.11.037">https://doi.org/10.1016/j.saa.2012.11.037</a>

Vibrational, electronic and quantum chemical studies of 5-benzimidazole carboxylic acid.	Dr. V. Arjunan	Chemistry	J. Mol. Struct. 1036	2013	00222860	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MDAyMjI4NjA=&&did=U2VhcmNoIGJ5IEITU04=	<a href="https://doi.org/10.1016/j.molstruc.2012.12.007">https://doi.org/10.1016/j.molstruc.2012.12.007</a>
Conformational analysis, spectroscopic and quantum chemical investigations of 2-bromo-3-nitroacetophenone”.	Dr. V. Arjunan	Chemistry	J. Mol. Struct. 1037	2013	00222860	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MDAyMjI4NjA=&&did=U2VhcmNoIGJ5IEITU04=	<a href="https://doi.org/10.1016/j.molstruc.2012.12.035">https://doi.org/10.1016/j.molstruc.2012.12.035</a>
Synthesis and characterization of an anticoagulant 4-hydroxy-1-thioumarin by FTIR, FT-Raman, NMR, DFT, NBO and HOMO-LUMO analysis.	Dr. V. Arjunan	Chemistry	J. Mol. Struct. 1037	2013	00222860	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MDAyMjI4NjA=&&did=U2VhcmNoIGJ5IEITU04=	<a href="https://doi.org/10.1016/j.molstruc.2013.01.014">https://doi.org/10.1016/j.molstruc.2013.01.014</a>

Structural, vibrational and nuclear magnetic resonance investigations of 4-bromoisoquinoline by experimental and theoretical DFT methods.	Dr. V. Arjunan	Chemistry	Spectrochim. Acta107A	2013	13861425	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MTM4NjE0MjU=&&did=U2VhcmNoIGJ5IElTU04=	<a href="https://doi.org/10.1016/j.saa.2013.01.037">https://doi.org/10.1016/j.saa.2013.01.037</a>
Crystal Structure and Vibrational Spectral Investigations of Melaminium Maleate Monohydrate by FTIR, FT-Raman and Quantum	Dr. V. Arjunan	Chemistry	Spectrochim. Acta107A	2013	13861425	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MTM4NjE0MjU=&&did=U2VhcmNoIGJ5IElTU04=	<a href="https://doi.org/10.1016/j.saa.2013.01.040">https://doi.org/10.1016/j.saa.2013.01.040</a>
Conformational, structural, vibrational and quantum chemical analysis on 4-aminobenzohydrazide and 4-hydroxybenzohydrazide – A	Dr. V. Arjunan	Chemistry	Spectrochim. Acta108A	2013	13861425	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MTM4NjE0MjU=&&did=U2VhcmNoIGJ5IElTU04=	<a href="https://doi.org/10.1016/j.saa.2013.11.092">https://doi.org/10.1016/j.saa.2013.11.092</a>

FTIR, FT–Raman, FT–NMR and Quantum chemical investigations of 3–acetyl coumarin.	Dr. V. Arjunan	Chemistry	Spectrochim. Acta109A	2013	13861425	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MTM4NjE0MjU=&&did=U2VhcmNoIGJ5IElTU04=	<a href="https://doi.org/10.1016/j.saa.2013.01.100">https://doi.org/10.1016/j.saa.2013.01.100</a>
Primidone – an antiepileptic drug – characterization by quantum chemical and spectroscopic (FTIR, FT–Raman, <sup>1</sup> H, <sup>13</sup> C NMR and UV–Visible) investigations.	Dr. V. Arjunan	Chemistry	Spectrochim. Acta109A	2013	13861425	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MTM4NjE0MjU=&&did=U2VhcmNoIGJ5IElTU04=	<a href="http://dx.doi.org/10.1016/j.saa.2013.03.025">http://dx.doi.org/10.1016/j.saa.2013.03.025</a>
Vibrational, electronic and quantum chemical studies of 1,2,4–benzenetricarboxylic–1,2–anhydride.	Dr. V. Arjunan	Chemistry	Spectrochim. Acta110A	2013	13861425	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MTM4NjE0MjU=&&did=U2VhcmNoIGJ5IElTU04=	<a href="https://doi.org/10.1016/j.saa.2013.02.031">https://doi.org/10.1016/j.saa.2013.02.031</a>



Crystal structure, vibrational and DFT simulation studies of melaminiumdihydrogenphosphite monohydrate.”	Dr. V. Arjunan	Chemistry	J. Mol. Struct. 1045	2013	00222860	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?id=MDAyMjI4NjA=&did=U2VhcmNoIGJ5IEITU04=	<a href="https://www.infona.pl/resource/bwmeta1.element.elsevier-e2f6789d-8b1b-3b47-b1fb-a68fa1d7a7f1">https://www.infona.pl/resource/bwmeta1.element.elsevier-e2f6789d-8b1b-3b47-b1fb-a68fa1d7a7f1</a>
A new look into conformational, vibrational and electronic structure analysis of 3,4-dimethoxybenz onitrile.”	Dr. V. Arjunan	Chemistry	Spectrochim. Acta113A	2013	13861425	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?id=MTM4NjE0MjU=&did=U2VhcmNoIGJ5IEITU04=	<a href="https://doi.org/10.1016/j.saa.2013.04.116">https://doi.org/10.1016/j.saa.2013.04.116</a>
Vibrational, NMR and quantum chemical investigations of acetoacetanilide, 2-chloroacetoacetanilide and 2-methylacetoacetanilide.	Dr. V. Arjunan	Chemistry	Spectrochim. Acta115A	2013	13861425	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?id=MTM4NjE0MjU=&did=U2VhcmNoIGJ5IEITU04=	<a href="https://doi.org/10.1016/j.saa.2013.06.003">https://doi.org/10.1016/j.saa.2013.06.003</a>

Vibrational Spectroscopic, Electronic Structure, Natural Bond Orbital Analysis and Quantum Chemical Investigations of 4-methoxy-4-methyl-2-pentanone.	Dr. V. Arjunan	Chemistry	Proc. Indian Natn. Sci. Academy. 79	2013	03700046	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MDM3MDAwNDY=&did=U2VhcmNoIGJ5IEITU04=	<a href="https://www.researchgate.net/publication/286590370_Vibrational_Spectroscopic_Electronic_Structure_Natural_Bond_Orbital_Analysis_and_Quantum_Chemical_Investigations_of_4-Methoxy-4-Methyl-2-Pentanone">https://www.researchgate.net/publication/286590370_Vibrational_Spectroscopic_Electronic_Structure_Natural_Bond_Orbital_Analysis_and_Quantum_Chemical_Investigations_of_4-Methoxy-4-Methyl-2-Pentanone</a>
Stock Price Performance of Initial Public Offerings: Evidence from India	Rosary Ramona Fernando Malabika Deo R. Azhagaiah	Commerce	International Journal of Research in Social Sciences (IJRSS)	2013	22492496	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MjI0OTI0OTY=&did=U2VhcmNoIGJ5IEITU04=	
Pharmacological investigation and spectral characterization of bioactive compounds from crude extracts of sting ray, <i>Dasyatis jenkinsii</i>	V. Ravitchandirane, A. Yogamoorthi and M. Thangaraj	Zoology	Chinese Journal of Natural Medicines	2013	18755364	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?tid=MTg3NTUzNjQ=&did=U2VhcmNoIGJ5IEITU04=	<a href="https://www.sciencedirect.com/science/article/pii/S1875536413600916">https://www.sciencedirect.com/science/article/pii/S1875536413600916</a>

Influence of cypermethrin on DNA and RNA content in different organs of fresh water fish Cyprinus carpio	B.Gowri., P. Govindassamy and V. Ramalingam	Zoology	Iranian Journal of Pharmaceutical Sciences	2013	17352444	https://www.ugc.ac.in/journalist/subjectwisejournalist.aspx?id=MTczNTI0NDQ=&did=U2VhemNoIGJ5IEITU04=	<a href="http://www.ijps.ir/issue_459_1310_Volume+9%2C+Issue+3%2C+Summer+2013%2C+Page+1-94.html">http://www.ijps.ir/issue_459_1310_Volume+9%2C+Issue+3%2C+Summer+2013%2C+Page+1-94.html</a>
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