



Kalaingar Karunanidhi Government Arts College for Women (Autonomous)
 (Affiliated to Bharathidasan University, Tiruchirappalli)
Pudukkottai - 622001, Tamilnadu, India.

Phone:04322 222202 Website:www.gacwpdkt.ac.in E-mail:gacwpdkt@yahoo.co.in

Publications and Citations

Number of research papers in the Scopus Journals during the last five years

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal			Cited by
						Link to website of the Journal	Link to article/paper/abstract of the article	Listed in	
2022 -2023									
A Cost Analysis on Multi -Item Inventory Model for Factory Outlets with Constraint under Ranking Asteroid Fuzzy Set	N.Maheswari	Mathematics	Indian Journal of Natural Sciences	27.08-2021	0976-0997	www.tnsroindia.org.in	https://scholar.google.com/citations?view_op=view_citation&hl=en&user=UUTcM3EAAAAJ&citation_for_view=UUTcM3EAAAAJ:u5HHmVD_u08C	SCOPUS	Nil

Domination Parameters in Total Graph T(G) of a Graph G	R.M.Mariselvi	Mathematics	Advances and Applications in Mathematical Sciences	09.07.2022	0974-6803	https://www.mililink.com/upload/article/477638462aams_vol_219_july_2022_a4_p4925-4935_m_bhanumathi_and_r_m_mariselvi.pdf	SCOPUS	Nil	
2021 -2022									
Product of (λ, μ) Multi Fuzzy Subgroups of a Group	R.Revathy	Mathematics	Annals of the Romanian Society for Cell Biology	May-21	1583-6258	http://annalsofrcsb.ro	https://annalsofrcsb.ro/index.php/journal/article/view/5860/4522	SCOPUS	3
Evidence Phrase based Combined relevance for Web Information Filtering	Dr.Mu.Annalakshmi	Computer Science	International Journal of Emerging Technologies	02.007.2020	0975-8364	https://www.researchtrend.net/ijet/ijet.php	https://www.researchtrend.net/ijet/pdf/Evidence%20Phrase%20based%20Combined%20Relevance%20for%20Web%20Information%20Filtering%20An4.pdf	SCOPUS	Nil
2020-									
Total Eccentricity indices of polyhex nanotubes TUAC ₆ (p,q) and TUZC ₆ (p,q)	R.M.Mariselvi	Mathematics	International Journal of analytical and experimental	Mar-20	0886-9367	https://www.mukpublications.com	https://ijceng.com/index.php/volume-11-issue3-2020	SCOPUS	Nil

Mycorrhizal and endophytic fungal association in <i>Paphiopedilum druryi</i> (Bedd.) Stein - A strict endemic and critically endangered orchid of the Western Ghats	Parthibhan S, Ramasubbu R	Botany	Ecological Genetics and Genomics	2020	2405-9854	https://www.sciencedirect.com/journal/ecological-genetics-and-genomics	https://www.researchgate.net/publication/340835938 Mycorrhizal and endophytic fungal association in <i>Paphiopedilum druryi</i> Bedd Stein - A strict endemic and critically endangered orchid of the Western Ghats	SCOPUS	8
2019 -2020									
Edge domination in Boolean Function graph $B((k_{(p)}))^{-1}(L(G))^{-1}, NINC)$ of a graph	Dr. S. Dhanal	Mathematics	A Journal of Discrete Mathematical Science and cryptography	03.12.2019	0972-0529,	Edge domination in Boolean function graph $B(L(G), NINC)$ of a graph: Journal of Discrete Mathematical Sciences and Cryptography: Vol 22, No 5 (tandfonline.com)	https://scihub.soik.top/10.1080/09720529.2019.1685237	SCOPUS	2
Total Eccentricity indices of polyhex nanotubes $TUAC_6(p,q)$ and $TUZC_6(p,q)$	R.M.Mariselv	Mathematics	International Journal of analytical and experimental	Mar-20	0886-9367	www.mukpublications.com	https://turcomat.org/index.php/turkbiimat/article/view/5445/4558	SCOPUS	Nil

Personalized Medical Information Filtering using Evidence Phrases	Dr.Mu.Annala	Computer Science	International Journal of Innovative Technology & Exploring Engineering Technologies	08.2019	SSN 2278-3073	https://ojs.trp.org.in/index.php/aicst/home	https://www.ijitee.org/wp-content/uploads/papers/v8i10/J12120881019.pdf	SCOPUS	Nil
<i>In vitro</i> micropropagation of <i>Tinospora cordifolia</i> (Willd.) Miers from shoot tip explants	Mridula KR, Parthibhan S, Senthil Kumar T, Rao AS, Rao MV	Botany	Agriculture and Natural resources	2019	2452-316X	https://anres.kasetart.org/home.aspx	https://li01.tci-thaijo.org/index.php/anres/article/view/224857/154555	SCOPUS	2
				2018-2019					
A Freudian perspectives on Carol Shields "The Stone Diaries"	Dr. N.S.Vijayalakshmi & P.Sasikala	English	North Asian International Research Journal Social Sciences	2018	2454-9827	https://journals.in.dexcopernicus.com/search/details?id=47044	https://www.nairj.c.com/assets/img/issue/2VFO32_5jsHPW_Fu5iBk_U20GzT_560169.pdf	SCOPUS	Nil
The Influence of Chinese Folklores and Talk stories in Amy Tan's Novels	Dr. T.Vasanthakumari & R.Sofiya	English	North Asian International Research Journal Social Sciences	2018	2454-9827	https://www.nairj.c.com/assets/img/issue/v3YuaG_Yg6PQ2_DHi869mP1i7l_917066.pdf	http://puneresearch.com/english/editorial-board	SCOPUS	Nil
Liberty and Individualism in Chetan bhagst's Novel five point someone : what not to do at ITI	Dr. T.Vasanthakumari & K.Kalaiselvi	English	North Asian International Research Journal Social Science and Humanities	2018	2454-9828	cholar.google.co.in/citations?view_op=view_citation&hl=en&user=7OiHobYAAAJ&citation_for_view=7OiHobYAAAJ:u5HHmVD_uO8C	https://www.nairj.c.com/	SCOPUS	Nil

Term Based Weight Measure for Information Filtering in Search Engine	Dr.Mu.Annal akshmi	Computer Sci	International Journal of Engineering and Technology (IJET)	Mar- 2018	0975 - 4024	http://www.ijetch.org/	https://www.researchgate.net/publication/323478541	SCOPUS	Nil
GC – MS and Molecular analyses of Monocrotophos Biodegradation by selected bacterial isolates.	Dr. A.Nagasathya	Zoology	African journal of Microbiology Research, Vol.12 (3), pp.52-61, 21 January,	2018	1996 - 0808	http://www.academicjournals.org/AJMR	https://academicjournals.org/journal/AJMR/article-abstract/6A1B9F655819	SCOPUS	Nil

Number of research papers in the Web of Science Journals during the last five years

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						Link to website of the Journal	Link to article/paper/abstract of the article	Is it listed in UGC Care list/Scopus/Web of Science/ot	
2022-2023									
Neighborhood Connected Domination and Eccentric Domination of Boolean Graph BG3(G) of a Graph G	R.M.Mariselvi	Mathematics	Advances and Applications in Mathematical Sciences	Jul-22	0974-6803	https://www.mililink.com/	https://www.mililink.com/upload/article/434172423aams	Web of Science	0

Domination Parameters in Total Graph T(G) of a Graph G	R.M.Mariselv	Mathematics	Advances and Applications in	Jul-22	0974-6803	https://www.mililink.com/upload/article/477638462aams	https://www.mililink.com/upload/article/477638462aams	Web of Science	0
Phytomediated synthesis of magnetic nanoparticles by murraya koenigii leaves extract and its biomedical applications	M. Sivakami K. Renuka Devi, R. Renuka	Physics	Applied Physics A	09.03.2022	0947-8396	https://www.springer.com/journal/339	https://doi.org/10.1007/s00339-022-05437-9	Web of Science	9
Synthesis, Growth, Physicochemical Characterization, and Computational Studies on Aminopyridinium Chloronicotinate Single Crystal	G. Amudha R,Santhakumari, D. Chandrika, S. Mugeshini, N. Rajeswari, S	Physics	Crystal Research Technology	14.03.2022	0232-1300	https://onlinelibrary.wiley.com/journal/15214079	https://onlinelibrary.wiley.com/doi/abs/10.1002/crat.202100265	Web of Science	1
Synthesis, growth, experimental, and theoretical characterization of 6-amino-1H-pyrimidine-2,4-dione dimethylacetamide single crystal	S. Mugeshini R,Santhakumari, N. Rajeswari,G. Amudha ,D. Chandrika, Suresh Sagadevan	Physics	Chinese Journal of Physics	Mar-22	0577-9073	https://www.sciencedirect.com/journal/chinese-journal-of-physics	https://doi.org/10.1016/j.cjph.2021.10.037	Web of Science	3

Growth, spectroscopic and Hirshfeld surface analysis on pyridine urea single crystal	G.Amudha R,Santhakumari, N. Rajeswari,S. Mugeshini,D. Chandrika, Suresh	Physics	Chinese Journal of Physics	5.06.22	0577-9073	https://www.sciencedirect.com/journal/chinese-journal-of-physics	https://doi.org/10.1016/j.molstruc.2022.132606	Web of Science	6
Growth, computational studies and docking analysis on α -pyrrolidinopentiphe none hydrochloride monohydrate single crystal.	S. Mugeshini, R,Santhakumari, N. Rajeswari,G. Amudha ,D. Chandrika	Physics	Journal of Molecular Structure	2022	0022-2860	https://www.sciencedirect.com/journal/journal-of-molecular-structure	https://doi.org/10.1016/j.molstruc.2021.131600.	Web of Science	2
3-D Supramolecular, quantum computational, and vibrational spectroscopic investigation on L-cysteinium methanesulfonate single crystals.	P.Koteeswari, Solhe F. Alshateet, R. Santhakumari, Is Fathima, Suresh Sagadevan	Physics	Molecular Crystals and Liquid Crystals	2023	1563-5287	https://www.tandfonline.com/journals/gmcl20	http://dx.doi.org/10.1080/15421406.2023.2171558	Web of Science	3

Effect of seaweeds extract and plant growth regulators on high-frequency <i>in vitro</i> regeneration and ex-vitro rooting of <i>Ceropegia maculata</i> Bedd. - an endemic species of Southern Western Ghats.	Rengasamy Anbazhakan, Selvaraju Parthibhan , Thiruppathi Senthil Kumar	Botany	Plant Cell, Tissue and Organ Culture	2022	1573-5044	https://www.springer.com/journal/11240	https://www.researchgate.net/publication/362507159 Effect of seaweeds extract and plant growth regulators on high-frequency in vitro regeneration and ex-vitro rooting of <i>Ceropegia maculata</i> Bedd an endemic species of Southern Western Ghats	Web of Science	1
<i>In vitro</i> micropropagation, flowering and tuberization of <i>Ceropegia maculata</i> Bedd. - an endemic plant of Southern Western Ghats	Rengasamy Anbazhakan, Chinnaiya Rajasekar, Mariyappan Muthukumar, Selvaraju Parthibhan , Thiruppathi Senthil Kumar	Botany	In Vitro Cellular & Developmental Biology – Plant	2022	1054-5476	https://www.springer.com/journal/11627	https://www.researchgate.net/publication/359608361 In vitro micropropagation flowering and tuberization of <i>Ceropegia maculata</i> Bedd - an endemic plant of Southern Western Ghats	Web of Science	2
				2021 -2022					
The Struggle for Survival and Identity in Cormac McCarthy's <i>The Road</i>	Dr.M. Sagaya Sophia & Ms.M.L.Eileen Brisha	English	Efflatounia Multidisciplinary Journal	vol 5, no. 2. 30 July 2021	110-8703	http://www.efflatounia.com/index.php/journal/article/view/171	https://www.efflatounia.com/index.php/journal/article/view/171	Web of Science	43

Some Status indices of binary tree graphs	R.Rohini	Mathematics	Advances and Applications in Discrete	2021	0974-1658	http://www.pphmj.com	http://dx.doi.org/10.17654/DM028010115	Web of Science	0
A Cost Analysis on Multi Item inventory Model for factory Outlets with Two Constraints Under Ranking Asteroid Fuzzy Set	N.Maheswari	Mathematics	Journal of Mathematical Control Science and Applications	2021	0974-0570	https://www.mukp	https://mgesjournals.com/ijstrm/article/view/ijstrm.2022.1033	Web of Science	0
Fuzzy Complement of G^C For a Connected Fuzzy Graph G	K.Rajeswari	Mathematics	Advances in Fuzzy Sets and Systems	2021	0973-421X	http://www.pphmj.com	https://creativecommons.org/licenses/by/4.0	Web of Science	0
Green synthesis of magnetic nanoparticle via cinnamomum verum bark extract for biological application	K. Sivakami R. Renuka Devi, R. Renuka, T.	Physics	journal environmental chemical engineering	Oct-20	2213-3437	https://www.sciencedirect.com/journal/journal-of-environmental-chemical-engineering	https://doi.org/10.1016/j.jece.2020.104420	Web of Science	32
Study on Physico-Chemical Parameters and Structural Characterization of Soils in Pudukkottai Distric of Tamil Nadu, India	A. Dhanalakshmi Karthikeyani Vijayakumari, Marimuthu, Surendran	Physics	Sustainability, Agri, Food and Environmental Research	14.10.2020	0719-3726	https://journalsearches.com/journal.php?title=Sustainability,%20Agri,%20Food%20and%20Environmental%20Research	https://doi.org/10.7770/safer-VON0-art2080	Web of Science	0

Evaluation of different Soil Textures in Combination with growing Media on Growth, Yield and water Productivity of Blackgram	A. Dhanalakshmi Karthikeyani Vijayakumari, Marimuthu Suaiyan, Surendran	Physics	Communications in Soil Science and Plant Analysis	29.11.2020	0010-3624, 1532-2416.	https://www.researchify.com/impact/details/31671#:~:text=The%20ISN%20of%20Communications%20in,Analysis%20journal%20is%2000103624%2C%2015322416.	https://doi.org/10.1080/00103624.2020.1845353	Web of Science	0
Solanum torvum mediated synthesis and characterization of silver nanoparticles for antibacterial activities	Mrs. R. Renuka R. Renuka Devi, K. Sivakami, T. Thilkagavath	Physics	Journal of Plant Biochemistry and Biotechnology	02.02.2021	0974-1275, 0971-7811	https://www.springer.com/journal/13562	https://doi.org/10.1007/s13562-021-00650-8	Web of Science	3
Synthesis, growth and computational studies on Vanillin nicotinamide single crystal	M. Bhuvaneshwari R. Santhakumari, R. Jayasree, Suresh	Physics	Applied Physics A	20.06.2021	0947-8396	https://link.springer.com/article/10.1007/s00339-021-04691-7	https://doi.org/10.1007/s00339-021-04691-7	Web of Science	55
Growth and computational studies on vanillin isoniazid single crystals	S. Mugeshini R. Santhakumari, N. Rajeswari, G. Amudha, D. Chandrika,	Physics	Chinese Journal of Physics	August.2021	0577-9073	https://www.sciencedirect.com/journal/chinese-journal-of-physics	https://doi.org/10.1016/j.cjophys.2021.08.001	Web of Science	6

Synthesis, growth, crystal structure, vibrational, DFT and HOMO, LUMO analysis on protonated molecule-4-aminopyridinium nicotinate	R. Vasanthakumari, N. Rajeswari, Suresh Sagadevan, S. Mugeshini	Physics	Journal of Molecular Structure	05.09.2021	1872-8014	https://www.sciencedirect.com/science/article/pii/S0022286021005822	https://doi.org/10.1016/j.molstruc.2021.130449	Web of Science	23
Synthesis, growth, spectral and computational studies on aminomethylpyridinium trichloroacetate single crystal	N. Rajeswari, R. Santhakumari, S. Mugeshini, D. Chandrika,	Physics	Chinese Journal of Physics	October. 2021	0577-9073	https://www.sciencedirect.com/journal/chinese-journal-of-physics	https://doi.org/10.1016/j.cjph.2021.08.010	Web of Science	16
Synthesis, growth, structural, spectroscopic, optical, thermal, DFT, HOMO–LUMO, MEP, NBO analysis and thermodynamic properties of vanillin isonicotinic hydrazide single crystal	M. Bhuvaneshwari, R. Santhakumari, C. Usha, R. Jayasree, Suresh Sagadevan	Physics	Journal of Molecular Structure	05.11.2021	0022-2860	https://www.sciencedirect.com/journal/journal-of-molecular-structure	https://doi.org/10.1016/j.molstruc.2021.130856	Web of Science	9

Synthesis, growth, DFT, and HOMO-LUMO studies on pyrazolemethoxy benzaldehyde crystals	G.Amudha R,Santhakumari, N. Rajeswari,S. Mugeshini,D . Chandrika, Suresh	Physics	Chinese Journal of Physics	Dec-21	0577-9073	https://www.sciencedirect.com/journal/chinese-journal-of-physics	http://dx.doi.org/10.1016/j.cjph.2021.10.038	Web of Science	8
2020 -2021									
Edge domination Number in Boolean Function graph $B(k_p, L(G), INC)$	S. Dhanalaks	Mathematics	Gis Science	Feb-21	1869-9391,	https://giscience.net/volume-8-issue-2-2021	https://giscience.net/volume-8-issue-2-2021	Web of Science	
Neighborhood connected Domination and eccentric domination in Boolian graph $BG_3(G)$ of graph G	R.M.Mariselv	Mathematics	Gis Science	Feb-21	1869-9391	https://giscience.net/volume-8-issue-2-2021	https://giscience.net/volume-8-issue-2-2021	Web of Science	0
Neighborhood connected Domination and eccentric domination in Boolian graph $BG_1(G)$ of graph G	R.M.Mariselv	Mathematics	Novyi Mir research journal	Mar-21	0130-7673	https://novyimir.net	https://novyimir.net	Web of Science	0
2019 -2020									
Connected Edge, split edge and domatic edge domination numbers in Boolean Function graph $B(, NINC)$ of a graph	S. Dhanalaks	Mathematics	Compliance Engineering Journal	Feb-20	0898-3577	www.ijceng.com	https://ijceng.com/index.php/volume-11-issue-2-2020	Web of Science	0

Edge and connected Edge Domination number of complement of B(Kp, L(G), NINC) of a graph	S. Dhanalaks	Mathematics	A Journal of	Mar-20	0731-6755	https://jctjournal.com/volume-xiii-issue-3-2020	Web of Science	0	
Eccentric indices of polyhex nanotubes TUAC ₆ (p,q) and TUZC ₆ (p,q)	R.M.Mariselv	Mathematics	Compliance E	Mar-20	0898-3577	https://enrichedpub.in/journalpage.php?id=513	Web of Science	0	
Growth and combined experimental and quantum chemical study of glycyl- L valine crystal	Dr.R.Santha kumari, C.Usha	Physics	Heliyan	2019	Volume 5, issue 5, e01574 Year: 2019 ISSN: 2405 - 8440	https://pubmed.ncbi.nlm.nih.gov/31080902/	https://www.cell.com/heliyon/pdf/S2405-8440(18)34901-6.pdf	Web of Science	12
2018-2019									
Biosynthesis of silver nanoparticles using <i>phylanthusemblica</i> fruit extract for antimicrobial activities.	Dr. K. Renuka Devi R. Renuka , K. Renuka Devi , M. Sivaka	Physics	Biocatalysis and Agricultural Biotechnology	Mar-20	1878-8181	https://www.sciencedirect.com/journal/biocatalysis-and-agricultural-biotechnology	https://doi.org/10.1016/j.bcab.2020.101567	Web of Science	115
Growth, density functional theory (DFT) and spectral studies on L-2aminobutyric acid – biologically active material	Dr.R.Santha kumari, C.Usha	Physics	Journal of Molecular Structure	2018	1149, 655 - 661 Year : 2017 ISSN: 0022 - 2860	https://ui.adsabs.harvard.edu/link_gateway/2017JMoSt1149..655U/doi:10.1016/j.molstruc.2017.08.019	https://www.sciencedirect.com/science/article/abs/pii/S0022286017310839	Web of Science	12

Growth, spectral, density functional theory (DFT) and Hirshfeld surface analysis on 4-aminopyridinium adipate monohydrate nonlinear optical single crystal	Dr.R.Santha kumari, R.Vasanthak umari	Physics	Materials Science Poland	2018		DOI:16.10089.JASC.2018.V6I3.453459.150010403 Page No:1089-1099	https://sciendo.com/abstract/journals/msp/36/2/article-p177.xml	Web of Science	6
In vitro organogenesis from <i>Tinospora cordifolia</i> (Willd.) Miers - a highly valuable medicinal plant	Mridula K, Parthibhan S , Senthil Kumar T, Rao M.V	Botany	South African Journal of Botany	2018	0254-6299	https://www.sciencedirect.com/journal/south-african-journal-of-botany	https://www.sciencedirect.com/journal/south-african-journal-of-botany	Web of Science	2
Somatic embryogenesis from stem thin cell layers of <i>Dendrobium aqueum</i>	Parthibhan S , Rao MV, Teixeira da Silva J, Senthil Kumar T	Botany	Biologia Plantarum	2018	1573-8264	https://bp.ueb.cas.cz/	https://scholar.google.co.in/citations?view_op=view_citation&hl=en&user=bzminLsAAAAJ&citation_for_view=bzminLsAAAAJ:ALROH1vI_8AC	Web of Science	47



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KALAINAR KARUNANIDHI GOVT.
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PUDUKKOTTAI - 622 001