

**Research Articles published in Journals during 2016-17 to 2020-21**

<b>Title of paper</b>	<b>Name of the author/s</b>	<b>Department of the teacher</b>	<b>Name of journal</b>	<b>Year of publication</b>	<b>ISBN/ISSN number</b>	<b>Link to the recognition in UGC enlistment of the Journal</b>
Sm <sup>3+</sup> -doped strontium barium borate phosphor for white light emission: spectroscopic properties and Judd–Ofelt analysis	Sunil Thomas, <b>Rani George</b> , Naser Qamhieh, K.G. Gopchandran, Saleh T. Mahmoud, Alessia Quatela,	Physics	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	2021	1386-1425	<a href="https://www.scopus.com/sourceid/24530">https://www.scopus.com/sourceid/24530</a>
The Correlation between Literature, History and Culture in the Select Novels of Olga Tockarczuk: A Cultural Materialist Reading	<b>Paul Jacob</b>	English	Annals of RSCB	<b>2021</b>	1583-6258	<a href="https://www.scopus.com/sourceid/19700167901">https://www.scopus.com/sourceid/19700167901</a>
On graphs preserving PI index upon edge removal	<b>G.Indulal</b> , Liju Alex, Ivan Gutman	Mathematics	Journal of Mathematical Chemistry	2021	1572-8897	<a href="https://mjl.clarivate.com/mjl-beta/journal-profile">https://mjl.clarivate.com/mjl-beta/journal-profile</a>
Some degree based Topological indices of a Generalised F Sums of Graphs	Liju Alex, <b>G.Indulal</b>	Mathematics	Electronic Journal of Mathematical Analysis and Applications	2021	2090-729X	<a href="http://math-frac.org/Journals/EJMAA/Vol9(1) Jan 2021/Vol9(1) Papers(9)%20Vol.%209(1)%20Jan.%202021,%20pp.">http://math-frac.org/Journals/EJMAA/Vol9(1) Jan 2021/Vol9(1) Papers(9)%20Vol.%209(1)%20Jan.%202021,%20pp.</a>
On the normalized (distance) Laplacian spectrum of linear dependence graph of a finitedimensional vector space	Jinu Mary Jameson, <b>G.Indulal</b>	Mathematics	Discrete Mathematics Letters	2021	2664-2557	<a href="https://www.dmlett.com/archive/v5/DML21_v5_pp_49-55.pdf">https://www.dmlett.com/archive/v5/DML21_v5_pp_49-55.pdf</a>

The spectrum of some generalized graphs related to cycle	<b>Deena C Scaria. G.Indulal</b>	Mathematics	Indian Journal of Pure and Applied Mathematics	2020	1311-8080	<a href="https://www.scopus.com/sourceid/19700182690">https://www.scopus.com/sourceid/19700182690</a>
A discrete time perishable inventory model with positive lead time	<b>Jijo Joy, K.P. Jose</b>	Mathematics	Malaya Journal of Mathematik	2020	2321 - 5666	<a href="https://www.malayajournal.org/index.php/mjm">64653-Deleted UGC list, https://www.malayajournal.org/index.php/mjm</a>
Spectroscopic properties of Sm <sup>3+</sup> -doped PVDF-ZrO <sub>2</sub> hybrid membrane	<b>Rani George , Sunil Thomas , Cyriac Joseph , P.R. Biju , N.V. Unnikrishnan , C. Sudarsanakumar</b>	Physics	Materials Today Proceedings	2020	2214-7853	<a href="https://www.journals.elsevier.com/materials-today-proceedings">49021-Deleted UGC list, https://www.journals.elsevier.com/materials-today-proceedings</a>
Prevalence of Behavioural Risk Factors of Heart Disease among Marine Fisherfolks in Kerala	<b>Bittu Ann Chacko , Dr. Roy Scaria</b>	Economics	GEDRAG & Organisatie Review	2020	0921-5077	<a href="http://lemma-tijdschriften.com/">http://lemma-tijdschriften.com/</a>
Assessment of the Level and Determinants of the Health Status of Cardiac Disease Affected Marine Fisherfolk in Kerala	<b>Bittu Ann Chacko &amp; Dr. Roy Scaria</b>	Economics	GEDRAG & Organisatie Review	2020	0921-5077	<a href="http://lemma-tijdschriften.com/">http://lemma-tijdschriften.com/</a>
Sm <sup>3+</sup> -doped PVDF–SiO <sub>2</sub> hybrid for greenish-blue light emission	<b>Rani George Sunil Thomas , Cyriac Joseph c, P.R. Biju c, N.V. Unnikrishnan c, C. Sudarsanakumar c</b>	Physics	Materials Today Proceedings	2020	1384-1388	<a href="https://www.journals.elsevier.com/materials-today-proceedings">49021-Deleted UGC list,https://www.journals.elsevier.com/materials-today-proceedings</a>

Thermal and dielectric measurements on gel grown Cadmium Malonate dihydrate single crystals	Varghese Mathew, <b>Vinu T Vadakel</b> , C.K Mahadevan, <b>Indu Treasa Jochan</b>	Physics	Journal of International Academic Research for Multidisciplinary	2020	2320-5083	<a href="https://www.jiarm.com/">https://www.jiarm.com/</a>
The Politics of Racism and Prejudice in the Works of Post Colonial Theoreticians	<b>Cibyna Thomas</b>	English	Research Journal of English Language and Literature	2020	2395-2636	<a href="http://www.rjelal.com/">http://www.rjelal.com/</a>
Xenophobic Colonisers in the Works of Harper Lee	<b>Cibyna Thomas</b>	English	Research Journal of English Language and Literature	2020	2395-2636	<a href="http://www.rjelal.com/">http://www.rjelal.com/</a>
An Interdisciplinary Peregrination from Hermeneutic to Epistemic Truth: A Paradigmatic Study of Gun Island as a Cli-Fli Paradigm	<b>Paul Jacob</b>	English	Shodh-Sarita	2020	2348-2397	
Analysis of the English translation of Basheer's "Muchittukalikkaranthe Makal " by K M Sherriff	<b>Cibyna Thomas</b>	English	Journal of Emerging Technologies and Innovative Research	2020	2349-5162	<a href="https://www.jetir.org/">63975-Deleted UGC list, https://www.jetir.org/</a>
Aathmacharitham orusamuhya vayana	<b>Jomol Jose</b>	Malayalam	Journal of DBCT	2020	2348-7984	Nil

Optical and Structural studies of Zn Pc Thin Films	<b>Indu Treesa Jochan, Vinu T Vadakel</b>	Physics	Journal of Emerging Technologies and Innovative Research	2020	2349-5162	<a href="https://www.jetir.org/">63975-Deleted UGC list, https://www.jetir.org/</a>
Effect of vacuum annealing on the structural properties of MOS2 sample	<b>Indu Treesa Jochan, Manuja M. Gijo Jose</b>	Physics	Journal of Emerging Technologies and Innovative Research	2020	2349-5162	<a href="https://www.jetir.org/">63975-Deleted UGC list, https://www.jetir.org/</a>
A study on attitude and preference of various online payment application of customers in COVID 19 situation, in the locality of Edathua	<b>Lipson Lonappan</b>	Commerce	International Journal of Research in Commerce, IT & Management	2020	2231-5756	<a href="https://ijrcm.org.in/it/index.php">https://ijrcm.org.in/it/index.php</a>
Study on small and medium traders perception towards GST with special reference to Edathua	<b>Lipson Lonappan</b>	Commerce	International Journal of Research in Commerce & Management	2020	0976-2183	<a href="https://ijrcm.org.in/">https://ijrcm.org.in/</a>
Willingness to Pay for Access to Improved and Reliable Piped Water: A Contingent Valuation Study in Kerala, India	<b>Jubin Antony</b>	Mathematics	Thailand Statistician	2019	23510676, 16859057	<a href="https://mjl.clarivate.com/mjl-beta/journal-profile">https://mjl.clarivate.com/mjl-beta/journal-profile</a>
The distance spectrum of the subdivision vertex join and subdivision edge join	<b>Gopalapilla Indulal, Deena C. Scaria, Xiaogang Liu</b>	Mathematics	Discrete Mathematics Letters	2019	2664-2557	<a href="https://www.dmlett.com/">https://www.dmlett.com/</a>

The distance laplacian and distance signless laplacian spectrum of the subdivision - vertex join and subdivision - edge join of two regular graphs	<b>Deena C Scaria.</b> <b>G.Indulal</b>	Mathematics	Discrete Mathematics, Algorithms and Applications	2019	1793-8309	<a href="https://mjl.clarivate.com/mjl-beta/journal-profile">https://mjl.clarivate.com/mjl-beta/journal-profile</a>
Effect of niobium doping on the dielectric and nonlinear current-voltage Origin of the high dielectric constant in Sm <sub>2</sub> /3Cu <sub>3</sub> Ti <sub>4</sub> O <sub>12</sub> ceramics	A.K. Thomasa, Merin George, D. Sajan, Kevin Abraham, Jini Thomas, <b>K.V. Saban</b>	Physics	Optical Materials	2019	0925-3467	<a href="https://mjl.clarivate.com/mjl-beta/journal-profile">https://mjl.clarivate.com/mjl-beta/journal-profile</a>
Antimicrobial activity of methanolic extract of <i>Ludwigia parviflora</i> L. against standard bacterial strains and comparison of its activity with that of standard antibiotics.	<b>Shibu George</b> . Melvin Joy	Zoology	Asian Journal of Pharmaceutical and Clinical Research	2019	2455-3891	<a href="https://www.scopus.com/sourceid/19700174904">https://www.scopus.com/sourceid/19700174904</a>
First report of deep water cone snail <i>Profundiconus teramachii</i> (Kuroda, 1956) (Gastropoda: Conoidea) from the Arabian sea.	<b>Sary P.S.</b> and Pramod Kiran, R.B	Zoology	Journal of Aquatic Biology & Fisheries.	2019	2321-340X	<a href="http://keralamarinelife.in/JournalofAquaticBiologyandFisheries.html">http://keralamarinelife.in/JournalofAquaticBiologyandFisheries.html</a>

Effect of isolated and combined, multimedia training and traditional training on physical variables of intercollegiate soccer players	<b>Biju Lukose Kudakasseril</b> and Jayan TD	Physical Education	International Journal of Physical Education, Sports and Health	2019	2394-1685	<a href="https://www.kheljournal.com/">https://www.kheljournal.com/</a>
Effect of circuit par course and interval training on speed explosive power and vital capacity among school baseball players	<b>Biju Lukose Kudakasseril</b> , Simmy Mariam Jose	Physical Education	International Journal of Physical Education, Sports and Health	2019	2394-1685	<a href="https://www.kheljournal.com/">https://www.kheljournal.com/</a>
Effect of aerobics yoga and resistance training on strength and vital capacity of sports school students	<b>Biju Lukose Kudakasseril</b> , anSimmy Mariam Jose	Physical Education	International Journal of Physical Education, Sports and Health	2019	2394-1685	<a href="https://www.kheljournal.com/">https://www.kheljournal.com/</a>
Physical, political and pervasive: a spatial reading of Arundhati Roy's novels	Roshin Thomas, <b>Neethu Mary Tomy</b>	English	International Journal of English Language, Literature in Humanities	2019	23217065	<a href="https://linguistlist.org/pubs/journals/get-journals.cfm?JournalID=51682">https://linguistlist.org/pubs/journals/get-journals.cfm?JournalID=51682</a>
The Body Space of Resistance as Performance in Paulo Coelho's <i>The Spy</i>	<b>Gem Cherian</b>	English	Research Journal of English Language and Literature	2019	2395-2636	<a href="http://www.rjelal.com/">http://www.rjelal.com/</a>
K P Keshavamenonum FMS nadukalile Swathanthra munneettangalum	<b>Jomol Jose</b>	Malayalam	Journal of DBCT	2019	2348-7984	Nil
Recent Trends in Credit Scoring and Financial Modelling: A Review	<b>Jubin Antony</b>	Mathematics	Journal of Propagations in Probability and Statistics	2018	1607-7083	

Attractive dielectric responses with doping of Cr <sup>3+</sup> and Ti <sup>4+</sup> in Sm <sub>1.5</sub> Sr <sub>0.5</sub> NiO <sub>4</sub> ceramics	Kevin abraham, A. K Thomas, Jini Thomas, <b>K. V Saban</b>	Physics	Materials Today Proceedings	2018	2214-7853	<a href="https://www.journals.elsevier.com/materials-today-proceedings">49021-Deleted UGC list, https://www.journals.elsevier.com/materials-today-proceedings</a>
Monovalent doping effects on the structural, magnetic and magnetotransport properties of La <sub>0.833</sub> R <sub>0.167</sub> MnO <sub>3</sub> (R = Li <sup>+</sup> , Na <sup>+</sup> , Ag <sup>+</sup> , K <sup>+</sup> )	Smitha Joseph, <b>K.V. Saban</b>	Physics	Ceramics International	2018	2728842	<a href="https://www.scopus.com/sourceid/21522">https://www.scopus.com/sourceid/21522</a>
Larvicidal activity of various extracts of selected plants against the Dengue vector larvae	<b>Shibu George</b>	Zoology	International journal of current pharmaceutical Review and Research	2018	0976 822X	<a href="https://www.journal-data.com/journal/international-journal-of-current-pharmaceutical-review-and-research.html">https://www.journal-data.com/journal/international-journal-of-current-pharmaceutical-review-and-research.html</a>
Effect of Indian Almond (Terminalia kattappa) leaves on the growth and breeding performance of Guppy ( <i>Poecilia reticulata</i> )	<b>Suja N</b> and Ruby Mathew	Zoology	Millannum Zoology	2018	0973-1946	Nil
A Study On Motivational Profile Of College Teachers in Kanyakumari District	<b>Leenet A.Varghese,C</b> Subhathra	Commerce(SF)	Review Of Research	2018	2249-894X	<a href="http://www.lbp.world">48514-Deleted UGC list, www.lbp.world (UGC Approved Jounal No - 48514)</a>
Non-communicable Diseases, Rising Morbidity Rates and Risk Factors: The Kerala Experience	<b>Bittu Ann Chacko &amp;</b> Dr. Roy Scaria	Economics	International Journal of Research and Analytical Review	2018	2348 –1269	<a href="http://ijrar.com/">43602-Deleted UGC list, http://ijrar.com/</a>

Juxtaposing the Fe/male Divine: The Genderqueer Space of Spirituality in Paulo Coelho's The Witch of Portobello	<b>Gem Cherian</b>	English	International Journal of English Language, Literature in Humanities	2018	23217065	<a href="https://linguistlist.org/pubs/journals/get-journals.cfm?JournalID=51682">43979-Deleted UGC list, https://linguistlist.org/pubs/journals/get-journals.cfm?JournalID=51682</a>
Toy Industry and its Circumvention: A Critique on Indian Toy Industry and its Eco-friendliness.	<b>Lakshmi P Gopal</b>	English	International Journal of English Language, Literature in Humanities	2018	2321 7065	<a href="https://linguistlist.org/pubs/journals/get-journals.cfm?JournalID=51682">43979-Deleted UGC list, https://linguistlist.org/pubs/journals/get-journals.cfm?JournalID=51682</a>
Pritham Arora Ki Kahaniyom Mein Nari Asmitha ki Kibhivyakthi	<b>Santy Joseph</b>	Hindi	Research Lines	2018	0975-8941	Nil
The Wiener Index of some graphs	<b>G. Indulal</b>	Mathematics	Bulletin of Kerala Mathematics Association	2017	9732721	<a href="http://ugc-journals.com/Journal-Detail/5991/ISSN--/Bulletin-of-Kerala-Mathematical-">http://ugc-journals.com/Journal-Detail/5991/ISSN--/Bulletin-of-Kerala-Mathematical-</a>
The Wiener Index of some derived graphs	<b>G. Indulal, Mary George</b>	Mathematics	Journal of Advanced Mathematics and applications	2017	2156-7565	<a href="http://www.aspbs.com/jama.html">http://www.aspbs.com/jama.html</a>
D-Spectrum and D-Energy of complements of iterated line graphs of Regular graphs	<b>Gopalapilla Indulal</b>	Mathematics	Journal of Algebraic Structures and their applications	2017	2382-9761	<a href="http://as.yazd.ac.ir/">http://as.yazd.ac.ir/</a>



Electrical relaxation, optical and magnetic studies of nanocrystalline lithium ferrite synthesized by different chemical routes	Rajesh Cheruku, G Govindaraj and <b>Lakshmi Vijayan</b>	Physics	Material Research Express	2017	2053-1591	<a href="https://mjl.clarivate.com/mjl-beta/journal-profile">https://mjl.clarivate.com/mjl-beta/journal-profile</a>
Vijay Chouhan Ki Kahaniyam Aur Nari Asmitha	<b>Santy Joseph</b>	Hindi	Dominican Discern	2017	2454-5708	Nil
Reciprocal Graphs	<b>G. Indulal</b> , A. Vijayakumar	Mathematics	Malaya Journal of Matematik	2016	2321 - 5666	64653-Deleted UGC list, <a href="https://www.malayajournal.org/index.php/mjm">https://www.malayajournal.org/index.php/mjm</a>
The distance spectrum and energy of the median and total graphs of a cycle	<b>G. Indulal</b>	Mathematics	Kragujevac Journal of Mathematics	2016	14509628	<a href="https://imi.pmf.kg.ac.rs/kjm/en/">https://imi.pmf.kg.ac.rs/kjm/en/</a>
New families of Integral graphs	<b>Indulal Gopalapillai</b>	Mathematics	Discrete Mathematics, Algorithms and Applications	2016	17938309	<a href="https://mjl.clarivate.com/mjl-beta/journal-profile">https://mjl.clarivate.com/mjl-beta/journal-profile</a>
Electrical and dielectric behaviour of Na <sub>0.5</sub> La <sub>0.25</sub> Sm <sub>0.25</sub> Cu <sub>3</sub> Ti <sub>4</sub> O <sub>12</sub> ceramics investigated by impedance and modulus spectroscopy	A.K. Thomas, Kevin Abraham, Jini Thomas, <b>K.V. Saban</b>	Physics	Journal of Asian Ceramic Societies	2016	21870764	<a href="https://mjl.clarivate.com/mjl-beta/journal-profile">https://mjl.clarivate.com/mjl-beta/journal-profile</a>

Consumer behaviour towards mobile number portability- a study with special reference to Thiruvalla Municipality	<b>Manoj Xavier,</b> Andrews T	Commerce	Intercontinental Journal of Marketing Research Review	2016	2321-0346	<a href="http://www.icmrr.org/">http://www.icmrr.org/</a>
Customer relationship management of state bank of India in Mallappally Taluk	<b>Manoj Xavier,</b> Andrews T	Commerce	Intercontinental Journal of Marketing Research Review	2016	2321-0346	<a href="http://www.icmrr.org/">http://www.icmrr.org/</a>
Socio-economic impact of migration- a study with special reference to Kuttanadu Taluk	<b>Manoj Xavier,</b> Andrews T	Commerce	Intercontinental Journal of Human Resource Research Review	2016	2320-9704	<a href="#">Nil</a>