



MAR THOMA COLLEGE FOR WOMEN PERUMBAVOOR



CRITERION 3

RESEARCH, INNOVATIONS AND EXTENSION

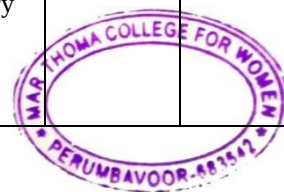
2017-2022

Supporting Documents for Criterion 3.3.1

Links to the papers published in journals listed in UGC CARE list

LINKS TO THE PAPERS PUBLISHED IN JOURNALS LISTED IN UGC CARE LIST

Sl. No:	Title of paper	Name of the author/s	Name of the Department	Name of Journal	Year	ISSN number	Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier (doi) number		Is it listed in UGC Care list/Scopus/ Web of Science/other, mention
							Link to website of the Journal	Link to article/ paper/ abstract of the article	
1	Dielectric relaxation and AC conductivity mechanism of eco-friendly Fe ₂ O ₃ hexagonal nanomorphotype	Dr.Paulose Thomas	Physics	Journal of Optoelectronics and Advanced Materials	2017	1454 - 4164	https://joam.inoe.ro/	http://joam2.inoe.ro/articles/dielectric-relaxation-and-ac-conductivity-mechanism-of-eco-friendly-fe2o3-hexagonal-nanomorphotype/fulltext	Yes/Scopus/ Web of Science
2	Traumatic Transnationalism: The Refugee as Transnational Subaltern in MohsinHamid's Exit West	Dr.Minu Susan Koshy	English	New Academia: An International Journal of English Language and Literary Theory	2018	2347- 2073	https://journals.indiana.edu/journal/32074	https://www.academia.edu/41662183/TRAUMATIC_TRANSNATIONALISM_THE_REFUGEE_AS_TRANSNATIONAL_SUBALTERN_IN_MOHSIN_HAMIDS_EXIT_WEST	Yes/ Old UGC List (44829)

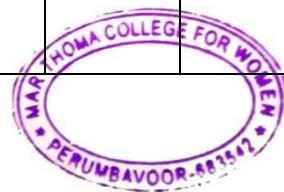


3	Exploring the photoluminescence emission behaviour of vacuum deposited Sb ₂ O ₃ thin film having randomly oriented thorn like structures	Dr.Paulose Thomas	Physics	Materials-Science-in-Semiconductor-Processing	2018	1369-8001	https://www.science-direct.com/journal/materials-science-in-semiconductor-processing	https://doi.org/10.1016/j.msssp.2018.03.031	Yes/Scopus/ Web of Science
4	Enhanced room temperature gas sensing of aligned Mn ₃ O ₄ nanorod assemblies functionalized by aluminum anodic membranes	Dr.Paulose Thomas	Physics	Nanotechnology	2018	1361-6528	https://iopscience.iop.org/journal/0957-4484	https://doi.org/10.1088/1361-6528/aac655	Yes/Scopus/ Web of Science
5	Photocatalytic colour enhancement of Methylene Blue and Rhodamine B dyes by	Dr.Paulose Thomas	Physics	Solid State Sciences	2019	1293-2558	https://www.science-direct.com/journal/solid-state-sciences	https://doi.org/10.1016/j.solidstatesciences.2018.12.012	Yes/Scopus/ Web of Science



	coupled Titania-Tenorite nanocomposites								
6	Urban Financial inclusion–A descriptive study	Dr.Sujo Mary Varghese	Commerce	Journal of Emerging Technologies and Innovative Research	2019	2349- 5162	https://www.jetir.org/	http://www.jetir.org/papers/JETIR1902420.pdf	Yes/ Old UGC List (63975)
7	Structural and optical properties of synthesized poly (methyl methacrylate) (PMMA) and lanthanide B- diketonate	Dr.Paulose Thomas	Physics	Bulletin of Materials Science	2019	0973- 7669	https://www.springer.com/journal/12034	https://doi.org/10.1007/s12034-019-1893-2	Yes/Scopus/ Web of Science
8	The Novel synthesis and luminescence studies of CuO and Fe ₂ O ₃ embedded) 8- hydroxyquinolin e) zinc nano composites	Dr.Paulose Thomas	Physics	Turkish Journal of Physics	2019	1303- 6122	https://journals.tubitak.gov.tr/physics/	https://doi.org/10.3906/fiz-1807-39	Yes/Scopus/ Web of Science

9	The Impact of Mobile - Commerce: A Swot Analysis	Ms. Anandhi.R	Commerce	Cikitusi Journal for Multidisciplinary Research	2019	0975-6876	http://www.cikitusi.com/	http://cikitusi.com/gallery/35-april-715.pdf	Yes/ Old UGC List (40784)
10	Spatial variability of biochemical composition in coral reef sediments of Kavaratti and Pitti Islands, Lakshadweep	Dr.Anu Joy	Chemistry	Indian Journal of Geo-marine Sciences	2019	25826727	http://op.niscair.res.in/index.php/IJMS	http://nopr.niscair.res.in/bitstream/123456789/47037/1/IJMS%2048(3)%20369-378.pdf	Yes/Scopus/ Web of Science
11	The Other Side of India- Partition: The Decanonisation of the Patriarchs	Ms. Sangeetha Rachel Koruth	English	International Journal of English Language, Literature in Humanities	2019	2321-7065	https://www.citefactor.org/journal/index/11050/international-journal-of-english-language-literature-and-humanities	https://www.ugc.ac.in/pdfnews/5283580_UGC-Cancelled-List.pdf	Yes/ Old UGC List (43979)
12	Realising mutated hilltop inflation in supergravity	Mr. Tony Pinhero	Physics	Physics Letters B	2019	0370-2693	https://www.science-direct.com/journal/physics-letters-b	https://doi.org/10.1016/j.physletb.2019.07.042	Yes/Scopus/ Web of Science



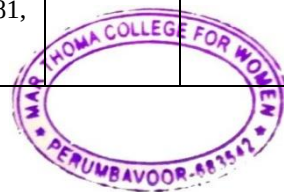
13	Role of hydrographical parameters and total organic carbon on mercury allocation along the riverine transect of Beypore, south-west coast of India	Dr.Anu Joy	Chemistry	Indian Journal of Geo-marine Sciences	2019	25826727	http://op.niscair.res.in/index.php/IJMS	http://nopr.niscair.res.in/bitstream/123456789/50467/3/IJMS%2048(9)%201419-1426.pdf	Yes/Scopus/ Web of Science
14	Biochemical composition of sedimentary organic matter in the coral reefs of Lakshadweep Archipelago, Indian Ocean	Dr.Anu Joy	Chemistry	Chemistry and Ecology	2019	02757540, 10290370	https://www.tandfonline.com/journals/gche20	https://doi.org/10.1080/02757540.2019.1665031	Yes/Scopus/ Web of Science
15	Spatial variation of phosphorus fractionation in the coral reef sediments of Lakshadweep	Dr.Anu Joy	Chemistry	Chemistry and Ecology	2019	02757540, 10290370	https://www.tandfonline.com/journals/gche20	https://doi.org/10.1080/02757540.2019.1618281	Yes/Scopus/ Web of Science

	Archipelago, Indian Ocean								
16	Spatial variation of trace element concentration and contamination assessment in the coral reef sediments of Lakshadweep Archipelago, Indian Ocean	Dr.Anu Joy	Chemistry	Marine Pollution Bulletin	2019	0025326 X	<a href="https://www.science
direct.com/journal/
marine-pollution-
bulletin">https://www.science direct.com/journal/ marine-pollution- bulletin	<a href="https://doi.org/10.1016/j.marpo
lbul.2019.06.003">https://doi.org/10.1016/j.marpo lbul.2019.06.003	Yes/Scopus/ Web of Science
17	Female Planters and European Socialisation: An Example from Kannan Devan Hills South India	Dr.JijoJaya raj	History	Journal of Emerging Technologies and Innovative Research	2019	2349- 5162	<a href="https://www.jetir.or
g/">https://www.jetir.or g/	https://www.jetir.org/papers/JETIR1903N36.pdf	Yes/Old UGC list (63975)

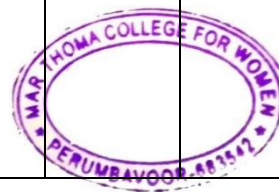


18	Financial Exclusion and its various causes	Dr.Sujo Mary Varghese	Commerce	International Journal of Research and Analytical Reviews	2019	2348-1269	https://www.ijrar.org/	http://www.ijrar.org/papers/IJRAR19J1426.pdf	Yes/Old UGC list (43602)
19	The Archived Empire: Records Mirroring the Planter Capitalism in Travancore	Dr.JijoJaya raj	History	Shod Sarita Vol. 7. Issue 25 (II) January –March 2020	2020	2348-2397	Old UGC list	UGC (Print only)	Yes/ Old UGC List (48836)
20	Electrical conductivity tuning in p-type transparent conducting AgGaO ₂ and in quaternary AgInGaO ₂ thin films	Dr.Rajani Jacob	Physics	Materials Chemistry and Physics	2020	0254-0584	https://www.sciencedirect.com/journal/materials-chemistry-and-physics	https://doi.org/10.1016/j.matchemphys.2019.122506	Yes/Scopus/ Web of Science
21`	A New Class of Non-canonical Conformal Attractors for Multi-field Inflation	Mr. Tony Pinhero	Physics	Journal of Cosmology and Astroparticle Physics	2020	1475-7516	https://iopscience.iop.org/journal/1475-7516	https://doi.org/10.1088/1475-7516/2020/03/022	Yes/Scopus/ Web of Science

22	Spatial Distribution and Contamination Assessment of Trace Metals in the Coral Reef Sediments of Kavaratti Island in Lakshadweep Archipelago, Indian Ocean	Dr.Anu Joy	Chemistry	Soil and Sediment Contamination	2020	1549-7887	https://www.tandfonline.com/toc/bssc20/current	https://doi.org/10.1080/15320383.2019.1699899	Yes/Scopus/ Web of Science
23	Geochemical fractionation of trace elements in the coral reef sediments of the Lakshadweep Archipelago, Indian Ocean	Dr.Anu Joy	Chemistry	Marine Pollution Bulletin	2020	0025326 X	https://www.sciencedirect.com/journal/marine-pollution-bulletin	https://doi.org/10.1016/j.marpolbul.2020.111409	Yes/Scopus/ Web of Science
24	Colonial Making of Munnar: Local History	Dr.JijoJaya raj	History	Studies in Indian Place Names Bi Monthly Journal Vol. 40, Issue. 81, March 2020	2020	2394-3114	Old UGC list	UGC (Print only)	Yes/ Old UGC List

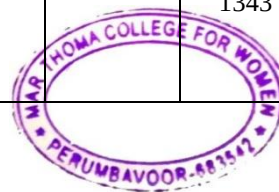


25	Native Labour and the Making of European Plantations in Colonial India: Perspectives from Travancore	Dr.JijoJaya raj	History	Studies in Indian Place Names Bi Monthly Journal Vol. 40, Issue. 60, March 2020	2020	2394-3114	Old UGC list	UGC (Print only)	Yes/ Old UGC List
26	Effect of sublethal concentration of formalin on haematological and biochemical parameters of Oreochromis niloticus.	Ms.Reemy Sara Mathai	Zoology	Uttar Pradesh Journal of Zoology	2021	0256-971X	https://mbimph.com/index.php/UPJOZ	https://www.mbimph.com/index.php/UPJOZ/article/view/2152	Yes/Scopus/ Web of Science
27	Transforming the Ich-Du to the Ich-Es: The Migrant as “Terrorist” in Kabir Khan’s New York and Kamila Shamsie’s Home Fire	Dr.Minu Susan Koshy	English	Text Matters- A Journal of Literature, Theory and Culture	2021	2084-574X	https://czasopisma.uni.lodz.pl/textmatters	https://doi.org/10.18778/2083-2931.11.07	Yes/Scopus/ Web of Science

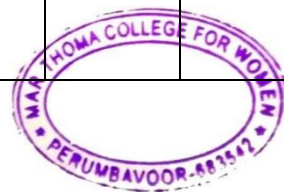


28	Optoelectronic properties of polycyclic Benzenoid hydrocarbons of various sizes and shapes for donor- π -acceptor systems: a DFT study	Dr.Rakhi R	Chemistry	Chemistry Select	2021	23656549	https://chemistry-europe.onlinelibrary.wiley.com/journal/23656549	https://doi.org/10.1002/slct.202004320	Yes/Scopus/ Web of Science
29	An Exploratory Sequel of the Regulatory Role of Salinity in Freshwater Fish	Ms.Reemy Sara Mathai	Zoology	Uttar Pradesh Journal of Zoology	2021	0256-971X	https://mbimph.com/index.php/UPJOZ	https://mbimph.com/index.php/UPJOZ/article/view/2273	Yes/Scopus/ Web of Science
30	Respiratory stress of salinity on Oreochromis niloticus.	Ms.Reemy Sara Mathai	Zoology	Uttar Pradesh Journal of Zoology	2021	0256-971X	https://mbimph.com/index.php/UPJOZ	http://www.mbimph.com/index.php/UPJOZ/article/view/2410	Yes/Scopus/ Web of Science
31	Shampoos as a Mosquito Controller-A Preliminary Toxicity Study on Its Larvicidal	Ms.Reemy Sara Mathai	Zoology	Applied Ecology and Environmental Sciences	2021	2328-3920	http://www.sciepub.com/journal/aees	https://doi.org/10.12691/aees-9-11-10	Yes/ Old UGC List (41193)

	Potential.								
32	Fabrication of ternary composites with polymeric carbon nitride/MoS ₂ /reduced graphene oxide ternary hybrid aerogel as high-performance electrode materials for supercapacitors	Ms.Reshma Mathew	Chemistry	New Journal of Chemistry	2021	1144-0546	https://pubs.rsc.org/en/journals/journalissues/nj	https://doi.org/10.1039/D1NJ02960F	Yes/Scopus/ Web of Science
33	Organic Compound with Potential for X-ray Imaging Applications	Ms. Kezia Susan K	Chemistry	ACS Omega	2021	2470-1343	https://pubs.acs.org/journal/acsodf	https://doi.org/10.1021/acsomega.1c03671	Yes/Scopus/ Web of Science



34	Empire Drink and Beverage Culture: Tea	Dr.JijoJaya raj	History	Bhavaveena	2021	2456-4702	https://telugujournalbhavaveena.blogspot.com/2022/	https://telugujournalbhavaveena.blogspot.com/2021/07/bhavaveena-july-2021.html	Yes/ Old UGC List (42500)
35	Enhanced photocatalytic activity of nZnO/n+Al:ZnO homojunction with an overlayer of Al ₂ O ₃ nanoballs	Dr.Rajani Jacob	Physics	Journal of Physics D: Applied Physics	2022	1361-6463	https://iopscience.iop.org/journal/0022-3727	https://doi.org/10.1088/1361-6463/ac4c22	Yes/Scopus/ Web of Science
36	Transparent heterojunctions of Cu-based delafossites n-CuInO ₂ /p-CuGaO ₂ by reactive evaporation method for transparent electronic applications	Dr.Rajani Jacob	Physics	Vacuum	2022	0042-207X	https://www.science-direct.com/journal/vacuum	https://doi.org/10.1016/j.vacuum.2021.110808	Yes/Scopus/ Web of Science



37	Non-canonical Conformal Attractors for Single Field Inflation	Mr. Tony Pinhero	Physics	International Journal of Modern Physics D	2022	1793-6594	https://www.worldscientific.com/worldscinet/ijmpd	https://doi.org/10.1142/S0218271822500900	Yes/Scopus/ Web of Science
38	Domination parameters of generalized Sierpiński graphs	Dr.Jismy Varghese	Mathematics	AKCE International Journal of Graphs and Combinatorics	2022	9728600	https://www.tandfonline.com/journals/ua-kc20	https://doi.org/10.1080/09728600.2022.2138630	Yes/Scopus/ Web of Science
39	Perfect Italian Domination Number of Graphs	Dr.Jismy Varghese	Mathematics	Palestine Journal of Mathematics	2022	2219-5688	https://pjm.ppu.edu/	https://pjm.ppu.edu/sites/default/files/papers/PJM_Feb_2023_158_to_168.pdf	Yes/Scopus/ Web of Science



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