



3.3

Research Publications and Awards

3.3.1

Link to Papers in Journals Listed in UGC CARE List

Submitted to



National Assessment and Accreditation Council



Reaccredited by NAAC with A grade (Cycle 3, CGPA 3.32)
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Link to research papers published in the Journals notified on UGC Care list during the last five years (2018-2023)

Sl. No	Year	Name of the Author	Title of the Paper	Link to article / paper / abstract of the article
1.	2023	Anju T R	Date Palm Cellulose Nanocrystals (CNCs)/Polyamide Composites: Tailoring Morphological, Mechanical, and Thermal Properties.	https://www.mdpi.com/2504- 477X/7/1/17
2.	2023	Jane A Luke	Transmuted Weibull Geometric Distribution	https://www.mukpublications.co m/gsa-v10-1-2023.php
3.	2023	Alex Joseph	Catalytic and Electrochemical Sensing Studies of Silver/Poly (1- Naphthylamine) Nanocomposites Synthesised by a Green Method	https://www.jwent.net/article_70 2117.html
4.	2023	Alex Joseph	A Fluorescence Probe for "Turn off" Heavy Metal Ion Sensing- Synthesis and Characterisation of Dipyrromethene p- (phenylenedivinylene) Conjugated Polymer and its Electronic and Optical Properties.	https://Chemistry- europe.onlinelibrary.wiley.com/d oi/abs/10.1002/slct.202204032



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5.	2023	Alex Joseph	Poly(1-Naphthylamine)- Graphene Oxide Nanocomposites Modified Carbon Paste Electrode for Economical Enzymless Electrochemical Sensing of Dopamine	https://www.ijcce.ac.ir/article_70 4558.html
6.	2023	Cintil Jose Chirayil	Date Palm Cellulose Nanocrystals (CNCs)/Polyamide Composites:Tailoring Morphological, Mechanical, and Thermal Properties	https://doi.org/10.3390/jcs70100 17
7.	2023	Cintil Jose Chirayil	Nanocellulose as an Avenue for Drug Delivery Applications	https://doi.org/10.3390/jcs70602 10
8.	2023	Cintil Jose Chirayil	Isolation and Characterization of Nanocellulose of nanocellulose from selected hardwoods, viz., Eucalyptustereticornis Sm. and Casuarina equisetifolia L., by steam explosion method	https://doi.org/10.1038/s41598- 022-26600-5
9.	2023	Biji M.P	Bhinnaseshiyude Adayalappedalukal, Malayalacinimaye Munnirthi Chila Vicharangal	https://www.keralabhashainstitut e.org/node/173
10.	2023	Jeen Maria Mathews	A Facile Hydrous Mechano-Synthesis of Magnesium Hydroxide	https://www.sciencedirect.com/s cience/article/pii/S266682112300 0236



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			[Hy-Mg (OH)2] Nanofillers for Flame-Retardant Polyester Composites	
11.	2023	Femlin Davis	Cognitive Distortion, Interpersonal Dependency, and Suicidal Ideation Among Women With and Without PCOS	https://ijip.in/articles/cognitive-distortion-interpersonal-dependency-and-suicidal-ideation-among-women-with-and-without-pcos/
12.	2022	Bijimol Thomas	Bridging the Parallels: An Analysis of Cultural Transformation in Albert Camus 'The Plague and Covid 19'	https://newmancollege.ac.in /wp- content/uploads/2023/12/Bridgin g-the-Parallels.pdf
13.	2022	Bijimol Thomas	Erasure of the Colour Line: A Reading of Racial Realities and Post Racial Dreams in Jamaica Kincaid's Novel Lucy	https://newmancollege.ac.in /wp- content/uploads/2023/12/Erasur e-of-the-Colour-Line.pdf
14.	2022	Boney Bose	Role Of NBFC in Socio – Economic Development of Rural Poor	http://ijmer.in.doi./2023/12.03.2 2
15.	2022	Anju T R	SARS-Coronavirus 2, A Metabolic Reprogrammer: A Review in the Context of the Possible Therapeutic Strategies	https://www.eurekaselect.com/article/118002
16.	2022	Anju T R	Assessment of Seed Germination and Growth of Vigna Radiata L in the Presence of Green Synthesised and Chemically Synthesised	https://abap.co.in/index.php/ho me/article/view/433



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			Nanoparticles.	
17.	2022	Anju T R	Phytotoxicity of Silver Nanoparticles on Growth of Cicer Arietinum L: A Sustainable Alternative Using Green Synthesis	https://iopscience.iop.org/article/10.1149/10701.0799ecst/meta
18.	2022	Bejoy Thomas	Microstructure, Matrix Interactions, and Molecular Structure are the Key Determinants of Inherent Glycemic Potential in Pearl Millet.	https://www.sciencedirect.com/s cience/article/abs/pii/S0268005X 22000017
19.	2022	Bejoy Thomas	PolyaPolyanthranilic Acid Microspheres as an Active Material for Electrochemical Detection of Sub-Picomolar Lead Ion Concentrations in Aqueous Media	https://link.springer.com/article/ 10.1007/s11581-022-04638-9
20.	2022	Alex Joseph	Non-Enzymatic Electrochemical Biosensing of Glucose Using Nanocomposites of Polyaniline Nanofibers and Silver	https://www.scilit.net/wcg/container_group/1684
21.	2022	Alex Joseph	Polyanthranilic Acid Microspheres as an Active Material for Electrochemical Detection of Sub-Picomolar Lead Ion Concentrations in Aqueous Media	https://link.springer.com/article/ 10.1007/s11581-022-04638-9
WWW.221.CC	2022	Cintil Jose	A Review on the Emerging Applications of Nano-	https://doi.org/10.1016/j.carbpol



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		Chirayil	Cellulose as Advanced Coatings	.2022.119123
23.	2022	Cintil Jose Chirayil	A Review on the Best Bioadsorbent Membrane- Nanocellulose for Effective Removal of Pollutants from Aqueous Solutions	https://doi.org/10.1016/j.carpta. 2022.100209
24.	2022	Divya James	Disclosure Through Websites: A Study of Listed Companies in India	https://newmancollege.ac.in /wp- content/uploads/2023/12/Disclos ure-Through-Websites-A-Study- of-Listed-Companies-in-India.pdf
25.	2022	Jenni K Alex	Ecotourism in Kerala : An Alternative to Mass Tourism	https://newmancollege.ac.in /wp- content/uploads/2023/12/Ecotou rism-in-Kerala-An-Alternative-to- Mass-Tourism.pdf
26.	2022	Jerin Jose	Identity, Resistance and Self Realisation Through the Narrative of Space in Eat, Pray, Love by Elizabeth Gilbert	https://newmancollege.ac.in /wp- content/uploads/2023/12/Identit y-Resistance-and-Self-Realisation- Jerin.pdf
27.	2022	Bijimol Thomas	When Self Emerges: A reading of Connie Panzarinos The Me in the Mirror as a Fight Against Ableism	https://newmancollege.ac.in /wp- content/uploads/2023/12/When- Self-Emerges.pdf
28.	2022	Bijimol Thomas	Politics of Racial Representation and Resistance in Jamaica Kincaid's A Small Place	https://newmancollege.ac.in /wp- content/uploads/2023/12/Politics -of-Racial-Representation-and- Resistance-in-Jamaica-Kincaid s- A- Small-Place.pdf



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29.	2022	Bijimol Thomas	Identity, Resistance and Self Realisation Through the Narrative of Space in Eat, Pray, Love by Elizabeth Gilbert	https://newmancollege.ac.in /wp- content/uploads/2023/12/Identit y-Resistance-and-Self-Realisation- Biji-ms.pdf
30.	2022	Bijimol Thomas	Oedipal Reading of All the Lives We Never Lived by Anuradha Roy	https://newmancollege.ac.in /wp- content/uploads/2023/12/Oedip al-Reading-of-All-the-Lives-We- Never-Lived-by-Anuradha-Roy.pdf
31.	2022	Bijimol Thomas	Sacred Memoris: Assimilation of Ethnic Cultural Lorraine Hansberry's Raisin in the Sun	https://newmancollege.ac.in /wp- content/uploads/2023/12/Sacred -memories.pdf
32.	2022	Ajomy Maria Joseph	Beyond Theory: The Cognitive Turn and the Revival of Reading in Literary Studies	https://newmancollege.ac.in /wp- content/uploads/2023/12/Beyon d-Theory.pdf
33.	2022	Preethi Chandran P	Evolution of Peasant Organizations in Kerala	https://newmancollege.ac.in /wp- content/uploads/2023/12/Evoluti on-of-peasant.pdf
34.	2022	Preethi Chandran P	Travancore – Cochin Land Legislation : An Appraisal	https://newmancollege.ac.in /wp- content/uploads/2023/12/travan core-cochin.pdf
35.	2022	Annie Thomas	Universal Humanity - A Study Based on Mauppasant and Thakazhy	https://newmancollege.ac.in /wp- content/uploads/2023/12/Univer sal-Humanity.pdf
MAN 36	2022	Annie Thomas	Rithubhedangalufe	https://newmancollege.ac.in/wp-



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			Kamaladas	content/uploads/2023/12/Rithub hedangalude-kamaladas.pdf
37.	2022	Eldho K Thomas	Batch Codes for Asynchronous Recovery of Data	https://ieeexplore.ieee.org/docu ment/9628107
38.	2022	Anu Mary Joseph	Stable Free Radical Assisted Mechanical Devulcanization of Rubber: Comparison with Contemporary Industrial Devulcanization Processes	https://newmancollege.ac.in /wp- content/uploads/2023/12/Stable- free-radical-assisted.pdf
39.	2022	Simi N J	Analyzing the Efficiency of Nanostructured Sm3+- and Gd3+-Doped TiO2 and Constructing DSSCs Using Efficacious Photoanodes	https://link.springer.com/article/ 10.1007/s10854-022-07816-7
40.	2022	Subin Jose	Type Dependent Role of Aerosols in Reversing the First Indirect Effect Over the North Indian Ocean	https://www.tandfonline.com/doi/abs/10.1080/2150704X.2022.21 15861
41.	2022	Joe Jacob	A Bose Horn Antenna Radio Telescope (BHARAT) Design for 21 cm Hydrogen Line Experiments for Radio Astronomy Teaching	https://pubs.aip.org/aapt/ajp/article- abstract/90/12/948/2820273/A- Bose-horn-antenna-radio- telescope-BHARAT- design?redirectedFrom=fulltext
42.	2021	Anju T R	Green Synthesis of Silver Nanoparticles from Aloe vera Leaf Extract and its Antimicrobial Activity	https://www.sciencedirect.com/s cience/article/pii/S221478532101 8186
WMAH30	2021	Joel George	Awareness, Attitude and	https://newmancollege.ac.in



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			Preferences Towards Green Marketing Products Among Salaried Class in Koothattukulam Municipality	/wp- content/uploads/2023/12/Aware ness-Attittude.pdf
44.	2021	Joel George	Plastics: Awareness, Usage and Its Disposal by Households in Kuravilangad Grama Panchayath	https://newmancollege.ac.in /wp- content/uploads/2023/12/Plastic s-awareness.pdf
45.	2021	Bejoy Thomas	Starch-Lipid Interaction Alters the Molecular Structure and Ultimate Starch Bioavailability: A Comprehensive Review	https://www.sciencedirect.com/s cience/article/abs/pii/S01418130 21007856
46.	2021	Alex Joseph	Microwave Assisted Green Synthesis of Silver Nanoparticles for Optical Catalytic, Biological and Electrochemical Applications	https://www.tandfonline.com/doi /full/10.1080/21691401.2021.19 25678
47.	2021	Cintil Jose Chirayil	Thermomechanical Analysis of Isora Nanofibril Incorporated Polyethylene Nanocomposites	https://doi.org/10.3390/polym13 020299
48.	2021	Cintil Jose Chirayil	A Short Review on Nanotechnology Interventions Against COVID-19	https://doi.org/10.1007/s42247- 021-00163-z
49.	2021	Cintil Jose Chirayil	Anticoagulant Activity of Cellulose Nanocrystals from Isora	https://doi.org/10.3390/polym13 060939



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50.	2021	Leena P Kuriakose	A Culture of Agriculture for Sustainable Prosperity: A Prophetic Voice of Wendell Berry	https://dvkjournals.in/index.php/ jd/article/view/3534
51.	2021	Jenni K Alex	Indigenous Land Rights and Conservation Conundrum	https://newmancollege.ac.in /wp- content/uploads/2023/12/Indige nous-Land-Rights-Jenni-etal.pdf
52.	2021	Xavier Kurian P	Indegenous Land Rigts and Conservation Condurum	https://newmancollege.ac.in /wp- content/uploads/2023/12/Indige nous-Land-Rights-Xavier-etal.pdf
53.	2021	Ratheesh E R	Food Processing Industries in India: A Socio Economic Analysis	https://newmancollege.ac.in /wp- content/uploads/2023/12/Food- processing.pdf
54.	2021	Bijimol Thomas	Recapping Myths: A Feminist Reading of Kavitha Kane's Karna's Wife: The Outcast's Queen	https://newmancollege.ac.in /wp- content/uploads/2023/12/recapp ing-myths.pdf
55.	2021	Bijimol Thomas	The Role of Memory in Shaping Identity: A Study of Paula Hawkin's The Girl on the Train as a Trauma	https://newmancollege.ac.in /wp- content/uploads/2023/12/Role- of- memory.pdf
56.	2021	Bijimol Thomas	Unreveling the Repressed: A Study of Paula Hawkin's The Girl on the Train as a Trauma	https://newmancollege.ac.in /wp- content/uploads/2023/12/Unveili ng-the-Repressed.pdf
57.	2021	Bijimol Thomas	Retelling the Myths: Manifesting the Third Gender in Indian Mythology	https://newmancollege.ac.in /wp- content/uploads/2023/12/retellin g-myth.pdf



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58.	2021	George Sebastian	Margins in Cinema: Some Others in Popular Malayalam Movies	https://newmancollege.ac.in /wp- content/uploads/2023/12/Margin s-in-cinema.pdf
59.	2021	Julia Mackolil	Increased Risk-Taking Behavior During the COVID-19 Pandemic: Psychological Underpinnings and Implications	https://www.scielo.br/j/rbp/a/TP pQKTwfqTH5Q8qKghRkWpf/?for mat=pdf⟨=en
60.	2021	Monica Baiju	Academic Stress and Psychological Well-Being Among College Students	https://ijip.in/articles/academic- stress-and-psychological-well- being-among-college-students/
61.	2021	Bany Joy	Assessment of Human Wildlife Conflict in Rajampara Forest Fringes, Western Ghats, Kerala, India	https://mbimph.com/index.php/ UPJOZ/article/view/3208
62.	2021	Bany Joy	Exploring Problem of Human Wildlife Conflict: Causes, Approaches and Management	https://newmancollege.ac.in /wp- content/uploads/2023/12/Explori ng-problem.pdf
63.	2021	Bany Joy	Human Wildlife Conflict:Challenges and Concerns	https://newmancollege.ac.in /wp- content/uploads/2023/12/human -wild-life.pdf
64.	2020	Anju T R	Kaposi's Sarcoma- Associated Herpesvirus Infection Induces the Expression of Neuroendocrine Genes in Endothelial Cells	https://journals.asm.org/doi/10.1 128/JVI.01692- 19?url ver=Z39.88- 2003𝔯_id=ori:rid:crossref.org& rfr_dat=cr_pub%20%200pubmed
65.	2020	Anju T R	Cooking Fat Types Alter	https://www.sciencedirect.com/s



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			the Inherent Glycaemic Response of Niche Rice Varieties Through Resistant Starch (RS) Formation	cience/article/pii/S014181302034 0289
66.	2020	Jaiby Cyriac	Synthesis of Biogenic ZnO Nanoparticles and its Impact on Seed Germination and Root Growth of Oryza Sativa L. and Vigna Unguiculata L	https://www.sciencedirect.com/s cience/article/pii/S221478532030 1681
67.	2020	Bejoy Thomas	Synthesis of Biogenic ZnO Nanoparticles and its Impact on Seed Germination and Root Growth of Oryza Sativa L. and Vigna Unguiculata L	https://www.sciencedirect.com/s cience/article/pii/S221478532030 1681
68.	2020	Bejoy Thomas	Cooking Fat Types Alter the Inherent Glycaemic Response of Niche Rice Varieties Through Resistant Starch (RS) Formation	https://www.sciencedirect.com/s cience/article/pii/S014181302034 0289
69.	2020	Sona John	Green Synthesis of Hierarchically Porous Cu- and Zn-MOFs by the Combined Action of Hydroxy Double Salt and Surfactant: An Ultrafast Method	https://www.sciencedirect.com/science/article/abs/pii/S221478532030273X
70.	2020	Alex Joseph	Silver Nanoparticles Embedded Poly(1- Naphthylamine) Nanospheres for Low Cost	https://link.springer.com/article/ 10.1007/s00289-019-03053-x



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			Non-Enzymatic Electrochemical H2O2 Sensor	
71.	2020	Cincy George	Green Synthesis of Hierarchically Porous Cu- and Zn-MOFs by the Combined Action of Hydroxy Double Salt and Surfactant: An Ultrafast Method	https://www.sciencedirect.com/s cience/article/abs/pii/S22147853 2030273X
72.	2020	Jenni K Alex	The Ecotourism – The Sustainable Livelihood Option in The Rural Labour Market of Kerala	https://newmancollege.ac.in /wp- content/uploads/2023/12/Ecotou rism-in-Kerala-An-Alternative-to- Mass-Tourism.pdf
73.	2020	Krishnakumar M V	Political Ecology of Migration and its Aftermaths on Environment of the Andaman Islands	https://iqac.newmancollege.ac.i n/wp- content/uploads/2024/01/Politic al-ecology.pdf
74.	2020	Aloysius Sabu N	Effect of High Energy Electron Beam Irradiation on the Structural and Electrical Properties of PANI-CaWO4 Nanocomposite	https://pubs.aip.org/aip/acp/artic le- abstract/2263/1/050015/774434/ Effect-of-high-energy-electron- beam-irradiation- on?redirectedFrom=fulltext
75.	2020	Julia Mackolil	Why is Mental Health of the Geriatric Population at a Higher Risk During the COVID-19 Pandemic?	https://www.sciencedirect.com/s cience/article/pii/S187620182030 5141
76.	2020	Julia Mackolil	Addressing Psychosocial Problems Associated with	https://www.sciencedirect.com/science/article/pii/S187620182030



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			the COVID-19 Lockdown	2677
77.	2020	Anu Mary Joseph	Stable Free Radical Assisted Mechanical Devulcanisation:Role of Carbon Black Filler	https://newmancollege.ac.in /wp- content/uploads/2023/12/Stable- free-radical-assisted- mechanical.pdf
78.	2019	Bijimol Thomas	Breaking Identities: Crises of Colour and Caste in Tony Morrisons' God Help the Child and Baby Cambles the Prison We Broke	https://newmancollege.ac.in /wp- content/uploads/2023/12/Breaki ng-Identities.pdf
79.	2019	Jenni K Alex	Ecotourism –The Popular Movement in the Informal Labour Market of Kerala	https://newmancollege.ac.in /wp- content/uploads/2023/12/Ecotou rism-The-popular-Movement.pdf
80.	2019	Aloysius Sabu N	Effect of 8 MeV Electron Beam Irradiation on the Structural, Optical and Electrical Properties of a PANI-MnWO4 Nanocomposite	https://link.springer.com/article/ 10.1140/epjp/i2019-12462- 0#:~:text=Systematic%20investiga tion%20based%20on%20the,diel ectric%20constant%20and%20los s%20tangent
81.	2019	Aloysius Sabu N	Antibacterial Activity of Carbon Nanoparticles Isolated from Chimney Soot	https://ietresearch.onlinelibrary. wiley.com/doi/full/10.1049/iet- nbt.2018.5183
82.	2019	Jaiby Cyriac	Antibacterial Activity of Carbon Nanoparticles Isolated from Chimney Soot	https://ietresearch.onlinelibrary. wiley.com/doi/full/10.1049/iet- nbt.2018.5183
83.	2019	Aloysius Sabu N	Effect of Calcination on the Structural, Optical and Magnetic Properties of	https://nopr.niscpr.res.in/handle/ 123456789/45632



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			BaWO 4 Nanoparticles Synthesized by Chemical Precipitation	
84.	2019	Alex Joseph	Synthesis of Novel Poly (1-Naphthylamine)-Silver Nanocomposites and its Catalytic Studies on Reduction of 4- Nitrophenol and Methylene Blue	https://onlinelibrary.wiley.com/d oi/abs/10.1002/app.48318
85.	2019	Anu Mary Joseph	Stable Free Radical Assisted Mechanical Devulcanisation: Devulcanisation of NR/BR Blends	https://newmancollege.ac.in /wp- content/uploads/2023/12/Stable- free-radical-assisted- mechanical.pdf
86.	2019	Alex Joseph	Characterization and Electrochemical Studies on Poly(1-naphthylamine)- Graphene Oxide Nanocomposites Prepared by in situ Chemical Oxidative Polymerization	https://link.springer.com/article/ 10.1007/s10008-019-04380-9
87.	2019	Aloysius Sabu N	Effect of Polyethylene Glycol on the Structural and Optical Properties of Manganese Tungstate Nanorods Synthesized by Precipitation Method	https://pubs.aip.org/aip/acp/artic le- abstract/2162/1/020095/888754/ Effect-of-polyethylene-glycol-on- the- structural?redirectedFrom=fulltex t
88.	2018	Anju T R	Altered Muscarinic Receptor Expression in the Cerebral Cortex of Epileptic Rats: Restorative Role of Withania	https://cdnsciencepub.com/doi/a bs/10.1139/bcb-2017-0198



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			Somnifera	
89.	2018	Bejoy Thomas	Nanocellulose, a Versatile Green Platform: From Biosources to Materials and Their Applications	https://pubs.acs.org/doi/10.1021 /acs.chemrev.7b00627
90.	2018	Jithin Joy	Nanocellulose, a Versatile Green Platform: From Biosources to Materials and Their Applications	https://pubs.acs.org/doi/10.1021 /acs.chemrev.7b00627

