



Kristu Jayanti College

AUTONOMOUS Bengaluru

Reaccredited A++ Grade by NAAC | Affiliated to Bengaluru North University

DEPARTMENT OF LIFESCIENCES FACULTY PUBLICATION

Articles/ Research papers / Books / chapter in books published

Sl. No.	Name	Title of the Article	Details of Publisher	Month, Year of publication, ISSN No	Article URL	UGC – CARE Scopus Approval If yes, Provide No
1.	Dr. Elcey C. D	Non-Antibacterial Carbon Nanoparticles and Its Fluorescence Properties	Journal of the Electrochemical Society	August 2022	https://doi.org/10.1149/10701.9015ecst https://iopscience.iop.org/article/10.1149/10701.9015ecst	Scopus https://scopus.com/sourceid/25169
2.	Dr. Elcey C. Daniel	Investigation of fluorescence enhancement and antibacterial properties of nitrogen-doped Carbonized polymer nanomaterials (N-CPNs)	International Journal of Polymer Analysis and Characterization	August 2022	DOI: 10.1080/1023666X.2022.2110122 https://doi.org/	Scopus https://scopus.com/sourceid/1

Sl. No.	Name	Title of the Article	Details of Publisher	Month, Year of publication, ISSN No	Article URL	UGC – CARE Scopus Approval If yes, Provide No
					10.1080/1023666X.2022.2110122	3089
3.	Dr. Indira M.N.	GC-MS Analysis of bioactive compounds in Ethanolic extract of <i>Drymaria cordata</i> (L.) Wild. ex Roem. and Schult.	Research Journal of Pharma and Technology	September 2022, 0974-3618 (Print) 0974-360X (Online)	https://riptonline.org/HTMLPaper.aspx?Journal=Research%20Journal%20of%20Pharmacy%20and%20Technology;PID=2022-15-9-63	Scopus 09743618
4.	Dr. Sangeetha Menon	Gender Equity closing the Gender GAP	Journal of International Women Studies	December 2022, ISSN: 1539-8706	https://vc.bridgew.edu/jiws/vol124/iss7/1	Scopus https://www.scopus.com/sourceid/145252?origin=resultslist
5.	Dr. Challaraj Emmanuel E.S.	Green synthesis and biological applications of cerium oxide nanoparticles	Jundishapur Journal of Microbiology	October 2022		Scopus https://www.scopus.com/sourceid/19700175150?origin=resultslist

Sl. No.	Name	Title of the Article	Details of Publisher	Month, Year of publication, ISSN No	Article URL	UGC – CARE Scopus Approval If yes, Provide No
6.	Dr. Elcey C. D	Biosorption of Hexavalent Chromium using Fungal Strains Isolated from Soil	Kristu Jayanti Journal of core and applied Biology	December 2022	https://www.kristujayantijournal.com/index.php/ijls/issue/view/105	-
7.	Dr. Sonia Angeline M.	Effect of Herbal Extracts on Oral Microorganisms.	Kristu Jayanti Journal of core and applied Biology	December 2022	https://www.kristujayantijournal.com/index.php/ijls/issue/view/105	-
8.	Dr. Challaraj Emmanuel E.S.	A Preliminary Study on Oxalate Degradation by Lactobacillus Isolated from canine's faeces	Kristu Jayanti Journal of core and applied Biology	December 2022	https://www.kristujayantijournal.com/index.php/ijls/issue/view/105	-
9.	Dr. Manikandan Kathirvel	RieeF - An Organic Shampoo	Kristu Jayanti Journal of core and applied Biology	December 2022	https://www.kristujayantijournal.com/index.php/ijls/issue/view/105	-
10.	Dr. Roopa .P	Antimicrobial & Free Radical Scavenging Activities of Green Synthesized Copper Nanoparticles from Musa acuminata and Citrus sinensis Peel	Kristu Jayanti Journal of core and applied Biology	December 2022	https://www.kristujayantijournal.com/index.php/ijls/issue/view/105	-

Sl. No.	Name	Title of the Article	Details of Publisher	Month, Year of publication, ISSN No	Article URL	UGC – CARE Scopus Approval If yes, Provide No
		Extracts			w/105	
11.	Dr. Malathi .R & Dr. Indira M.N.	A Review on the traditional and pharmacological applications of the seeds of Tamarindus indica	Kristu Jayanti Journal of core and applied Biology	December 2022	https://www.kristujayantijournal.com/index.php/ijls/issue/view/105	-
12.	Dr.U.Sivagamasundari	Phytochemical screening and antibacterial effects of <i>Gomphrena globosa</i> flower extracts	Kristu Jayanti Journal of core and applied Biology	December 2022	https://www.kristujayantijournal.com/index.php/ijls/issue/view/105	-
13.	Dr. Priya Jossan Akkara	Hargobind Khorana - the Legendary Biochemist who cracked the Genetic code	Kristu Jayanti Journal of core and applied Biology	December 2022	https://www.kristujayantijournal.com/index.php/ijls/issue/view/105	-
14.	Dr. Roopa .P	Design of Experimental Lab Scale Vertical Mass Flow Type Bioreactor for Bioethanol Production by Co-Culture Strategy from Cassava Waste	Journal of Scientific Research	January 2023	http://dx.doi.org/10.3329/jsr.v15i1.59095	UGC Care
15.	Dr. Vijayanand S. Dr. Malathi, Dr. Sriram T.	Comparative study on free radical ameliorating potential of stem and the leaf extracts of <i>Plectranthus amboinicus</i>	Journal of Stress Physiology & Biochemistry	January 2023 Vol. 19, No. 1, 2023, pp. 111-119 ISSN 1997-0838	https://cyberleninka.ru/article/n/comparative-study-on-free-	UGC Care

Sl. No.	Name	Title of the Article	Details of Publisher	Month, Year of publication, ISSN No	Article URL	UGC – CARE Scopus Approval If yes, Provide No
					radical- ameliorating- potential-of- stem-and-the- leaf-extracts- of- plectranthus- amboinicus	
16.	Dr. Malathi .R	Molecular Docking of Fisetin as a Multi-target drug in the treatment of Multiple Sclerosis	Journal of Stress Physiology & Biochemistry	January Vol. 18 No. 4 2022, pp. 41-47 ISSN 1997-0838	http://www.jspb.ru/issues/2022/N4/JSPB_2022_4_41-47.html	UGC Care
17.	Dr. Elcey C.Daniel	Polymer-Carbon nanocomposite: Synthesis, optical and biocidal properties	Results in Chemistry	February 2023	https://www.sciencedirect.com/science/article/pii/S2211715623000656	Scopus
18.	Dr. Ashok .D	Spatial Evaluation of the Heavy Metals in Abandoned Gold Ore Tailings in Kolar Gold Fields.	International Journal of Basic and Applied Sciences	March 2023 (ISSN: 2277-1921) (CIF:3.658 ; SJIF: 6.823)	DOI: 10.13140/RG.2 .2.33441.28001 https://www.researchgate.net/publication/368	Yes (UGC Care) S.No. 4841

Sl. No.	Name	Title of the Article	Details of Publisher	Month, Year of publication, ISSN No	Article URL	UGC – CARE Scopus Approval If yes, Provide No
					954112 Spatial Evaluation of the Heavy Metals in Abandoned Gold Ore Tailings in Kolar Gold Fields	
19.	Dr. Deepak .P	One-Pot Synthesis of Silver Nanoparticles Derived from Aqueous Leaf Extract of <i>Ageratum conyzoides</i> and their Biological Efficacy	Antibiotics	April 2023 ISSN: 2079-6382	https://doi.org/10.3390/antibiotics12040688	Yes (Scopus)
20.	Dr. C.M. Reena Josephine and Roopa .P	Unravelling the plant Benevolent traits of Bacteria isolated from the aqueous vermicompost	Research Journal of Agricultural Sciences	April 2023, ISSN: 0976 - 1675		UGC Care
21.	Dr. Sangeetha Menon	Application of Plant Growth Promoting Rhizobacteria (PGPR) and Arbuscular Mycorrhizal (AM) fungi in the growth enhancement of <i>Meliadubia</i> in Nursery	Advances in Bioresearch	JULY 2022 ISSN 0976-4585	DOI: 10.15515/abr.0976-4585.13.4.142148	WoS

Sl. No.	Name	Title of the Article	Details of Publisher	Month, Year of publication, ISSN No	Article URL	UGC – CARE Scopus Approval If yes, Provide No
22.	Dr. Challaraj Emmanuel E.S.	Synthesis of Carbon Nanoparticles and Study of Bioaccumulation in Seeds and its Application in Plant Fortification	Journal of Stress Physiology	JUNE 2023	Vol. 19, No. 2, 2023, pp. 60-68 ISSN 1997-0838 http://www.jspb.ru/issues/2023/N2/JSPB_2023_2_60-68.pdf	UGC Care
23.	Dr. Esther Shoba .R and Dr. U. Sivagamasundari	Phytochemical analysis of extract of <i>Baliospermum montanum</i> leaves and evaluation of invitro anticoagulant, antioxidant and anticancer properties.	Indian Journals of Medicinal Plants	JUNE 2023	https://www.indianjournals.com/ijor.aspx?target=ijor:mpijpri&volume=15&issue=2&article=013	Scopus
24.	Dr. U.Sivagamasundari and Dr. Esther Shobha .R	Preliminary Phytochemical Screening of <i>Cocos nucifera</i> L.	Indian Journal of Natural Sciences	JUNE 2023	http://tnsroindia.org.in/journals.html	WoS

Sl. No.	Name	Title of the Article	Details of Publisher	Month, Year of publication, ISSN No	Article URL	UGC – CARE Scopus Approval If yes, Provide No
25.	Dr. Indira M.N.	Antimicrobial and Antioxidants studies in Micropropagated plants of <i>Drymaria cordata</i>	Indian Journal of Medicinal Plants	JUNE 2023 VOL. 15 (2), JUNE 2023, 402-408	doi : 10.5958/0975-5892.2023.00040 .0	Scopus

Publication of Book/ Book Chapter

Sl. No.	Name	Title of the Book	Details of Publisher	Month, Year of publication, ISBN No	DOI / ISBN No.
1.	Dr. U. Sivagamasundari	Role of Biofertilizer in Sustainable Development of Agronomy	Akinik Publishers, New Delhi	October, 2022,	Book DOI: https://doi.org/10.22271/ed.book.1889 ISBN: 978-93-5570-426-9
2.	Dr. Shinomoel George .K	Applications of Biosurfactants produced from food-related waste as substrate and their role in renewable resource utilization	Elsevier	Nov, 2022	https://doi.org/10.1016/B978-0-12-824283-4.00005-0 ISBN: 9780128242834

Sl. No.	Name	Title of the Book	Details of Publisher	Month, Year of publication, ISBN No	DOI / ISBN No.
3.	Dr. Esther Shobha .R	Book The Climate Crisis: A Call to Climate Action Chapter title Environmental Sustainability in Higher Education Page No: 65-71	Infinite Learning Solutions	APRIL 2023	ISBN: 978-91-959621-9-8
4.	Dr. Shinomol George .K	Book Green sustainable process for chemical and Environment Engineering and Science Chapter title Chapter 11: Ameliorative efficacy of Bionanoparticles against neuronal dysfunctions	Elsevier	April 2023	PP 277-290. ISBN: ISBN: 978-0-323-95171-5
5.	Ms. Kusbhu .R	Book Women and Nation Building Chapter title Renaissance of Women Success: Redefining Womanhood	Bhumi Publishing House Pvt. Ltd. Nigave Khalasa, Kolhapur 416207, Maharashtra, India	April 2023	Page no.: 17-22 ISBN: 978-93-88901-42-0
6.	Dr. Indira M.N.	Book Title: Endophytic and Arbuscular Mycorrhizal Fungi and Their Role in Sustainable Agriculture Chapter Title : Arbuscular Mycorrhizal Fungi: A Stimulus to Boost Ornamental Crop Productivity	Nova Science Publishers, New York, United States (Scopus indexed)	MAY 2023	ISBN 979-8-88697-10

Paper Publication in Proceedings

Sl. No.	Name	Title of the Paper	Details of Publisher	Month, Year of publication, ISBN No
1.	Dr. Indira M.N.	AM Fungi and its influence on Micropropagated <i>Drymaria cordata</i> – an important Ethno Botanical Medicinal Herb.	APR Explore Published in Conference: Start Herb 'Journey from innovation to Entrepreneurship in Herbals'	October 2022, ISBN: 978-93-92106-07-1
2.	Dr. Priya Jossan Akkara	Instilling the Importance of Sustainability through Waste Management Practices of Reduce, Reuse and Recycle (3R)	Published as Proceedings of the NAAC Sponsored 15 th National IQAC Conference (I-Con) on “Revisiting Quality in Higher Education”	June 2023 ISBN No: 978-81- 956813-5-8