



GOVERNMENT OF WEST BENGAL
OFFICE OF THE PRINCIPAL
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Criteria 3- Research, Innovations and Extension

Key Indicator 3.3- Research Publication and Awards

3.3.1. Number of research papers published per teacher in the Journals as notified on UGC CARE list during the last five years.

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Calendar Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier (DOI) number
Pharmacognosy and Phytochemical Screening of some plant derived medicine to treat Dysmenorrheal pain by the Rajbanshi Community. Pharmacogn	Roy P., Mandal P., Panda, S. , Roy S.M. and Subba A.	Botany	Pharmacognosy Journal	2018	0975-3575	DOI:10.5530/pj.2018.4.124
Acute toxicity of hexavalent chromium in adult <i>Channa punctatus</i> (Bloch, 1793) with regard to changes in erythrocytic and leucocytic profiles	Samudra Gupta, Rajarshi Ghosh	Zoology	International Journal of Life Sciences Research Research	2018	2438-313X	https://www.researchpublish.com/papers/acute-toxicity-of-hexavalent-chromium-in-adult-channa-punctatus-bloch-1793-with-regard-to-changes-in-erythrocytic-and-leucocytic-profiles
TNFR2 mediated TNF- α signaling and NF- κ B activation in hippocampus of 1-methyl-4phenyl-1,2,3,6-tetrahydropyridine treated mice.	Nabanita Ghosh , Soham Mitra, Priyobrata Sinha, Nilkanta Chakrobari	Zoology	Neuroscience Research, Elsevier	2018	0168-0102	DOI: 10.1016/j.neures.2018.02.007
Qualitative and Quantitative Evaluation of Gall Induced by Pseudophacopteron alstonium Yang et Li 1983 (Hemiptera: Psyllidae: Phacopteronidae) as Plant Parasite, in Alstoniascholaris Leaves.	S. Manna , S. Hazra, A. Mukherjee	Zoology	Proceedings of the Zoological Society	2018	0373-5893	doi.org/10.1007/s12595-016-0199-2


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Effect of Aqueous Extract of Najanaja Sp. Shedded Skin in Pregnant Female Rats and its Role on the Growth and Development in the Pups	Mukherjee S, Gomes A and Das Gupta SC	Zoology	Journal of Toxins	2019	2328-1723	10.13188/2328-1723.1000023
Study of Microglial and Astroglial Alterations Induced by Acute 1-Methyl-4-Phenyl-1,2,3,6-Tetrahydropyridine Treatment in Mouse Brain.	Nabanita Ghosh , Soham Mitra, Priyobrata Sinha, Nilkanta Chakrobarti	Zoology	Proc Zool Soc, Springer	2019	0373-5893	doi.org/10.1007/s12595-019-00296-4
Malaria protein as a cure to cancer	Sanjukta Manna , Souradeep Das	Zoology	International Journal of Research and Analytical Reviews	2019	2349-5138	https://www.ijrar.org/
Variations in Composition of Alkanes and Free Fatty Acids in Aulacophorafovei collis Lucas (Coleoptera: Chrysomelidae) on Exposure to Monocrotophos	Amarnath Karmakar, Saubhik Mitra, Abhishek Mukherjee , Anandamoy Barik	zoology	Proceedings of the Zoological Society	2019	0373-5893	https://doi.org/10.1007/s12595-018-0271-1
Trehalose mediated stabilisation of cellobiase aggregates from the filamentous fungus Penicillium chrysogenum,	Ahana Das, Pijush Basak, Arnab Pramanick, Rajib Majumder, Debadrita Pal, Avishek Ghosh , Manas Guria, Maitree Bhattacharyya, Samudra Prosad Banik	Microbiology	International Journal of Biological Macromolecules	2019	0141-8130	https://doi.org/10.1016/j.ijbiomac.2019.01.062


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Scale Efficiency and Indian Life Insurance Industry during the Post-Reform Period: An Econometric Study	Madhu Sarda and Indrajit Ray	Commerce	International Journal of Banking, Risk and Insurance	2019	2320-7507	https://www.researchgate.net/publication/335096410_Scale_Efficiency_and_Indian_Life_Insurance_Industry_During_the_Post-Reform_Period_An_Econometric_Study
Anti-fibrotic effect of black tea (Camellia sinensis) extract in experimental pulmonary fibrosis	Kaustav Chakraborty, Avijit Dey, Arindam Bhattacharyya, Subir Chandra Dasgupta	Zoology	Tissue and Cell	2019	0040-8166	https://doi.org/10.1016/j.tice.2018.11.006
Glutathione-selective "off-on" fluorescence response by a probe-displaced modified ligand for its detection in biological domains	Partha Pratim Parui, Ambarish Ray, Sanju Das, Yeasmin Sarkar, Tanaya Paul, Snigdha Roy, Rini Majumdera and Jaya Bandyopadhyay	Chemistry	New Journal of Chemistry	2019	1369-9261	https://doi.org/10.1039/C8NJ05784B
Determination of proton concentration at cardiolipin-containing membrane interfaces and its relation with the peroxidase activity of cytochrome c	Partha Pratim Parui, Yeasmin Sarkar, Rini Majumder, Sanju Das , Hongxu Yang, Kazuma Yasuhara and Shun Hirota	Chemistry	Chemical Science	2019	2041-6539	https://doi.org/10.1039/C9SC02993A
Effect of the presence of trap states in oxides in modeling gate leakage current in advanced MOSFET with multi-oxide stack	R. Basak, B. Maiti , A. Mallik	Physics	Superlattices and Microstructures, 129(17): 193-201	2019	Print ISSN 0749-6036	https://doi.org/10.1016/j.spmi.2019.03.023
Partition, Migration and the Ethnic Movement in Tripura	Gourishwar Choudhuri	Islamic History and Culture	Journal of Humanities and Social Science	2019	2279-0845	DOI: 10.9790/0837-2410080108
Gold Nanoparticles (AuNPs) Conjugated	Sourav Ghosh, Subir	Zoology	Journal of Nanoscience	2020	1533-4880	https://doi.org/10.1166/jnn.2020.17421

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with Andrographolide Ameliorated Viper (Daboia russellii russellii) Venom-Induced Toxicities in Animal Model	Chandra Dasgupta , Anjan Kumar Dasgupta, Aparna Gomes, Antony Gomes		and Nanotechnology			
Protonation induced pH increase at the tri-block copolymer micelle interface for transient membrane permeability at neutral pH	Yeasmin Sarkar, Snigdha Roy, Rini Majumder, Sanju Das , Dixit V. Bhalani, Ambarish Ray, Suresh K. Jewrajka and Partha Pratim Parui	Chemistry	Soft Matter	2020	1744-6848	https://doi.org/10.1039/C9SM01002E
An aluminium fluorosensor for the early detection of micro-level alcoholate corrosion	Snigdha Roy, Sanju Das , Rini Majumder, Ambarish Ray and Partha Pratim Parui	Chemistry	RSC Advances	2020	2046-2069	https://doi.org/10.1039/D0RA00619J
An unorthodox metal-free synthesis of dihydro-6H-quinoline-5-ones in ethanol/water using a non-nucleophilic base and their cytotoxic studies on human cancer cell line	Arijit Kundu , Bhaswati Bhattacharyya, Kaliprasanna Dhara, Subhabrata Paul, Indira Majumder and Rita Kundu	Chemistry	New Journal of Chemistry	2020	1369-9261	https://doi.org/10.1039/C9NJ06346C
Gaultheria akaensis Panda & Sanjappa (Ericaceae: vaccinioideae) - a critically endangered, endemic and ethnomedicinal plant from Indian eastern himalaya on the verge of extinction.	Subhasis Panda	Botany	Journal of the Bombay Natural History Society	2020	0006-6982	10.17087/jbnhs/2020/v117/141313
<i>Agapetes smithiana</i> Sleumer var. <i>smithiana</i>	Subhasis Panda	Botany	Zoos' Print Journal	2020	0971-6378	https://zoosprint.zooreach.org/index.php/ZP

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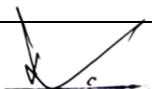


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(Ericaceae: Vaccinioideae) – A Critically Endangered ethnomedicinal plant on the verge of extinction.						
Cytocompatible, thermostable hydrogel with utility to release drug over skin	Biva Ghosh, Debalina Bhattacharya , Atanu Kotal, Arindam Kuila, Mainak Mukhopadhyay	Microbiology	Journal of Sol-Gel Science and Technology	2020	1573-4846, 09280707	https://doi.org/10.1007/s10971-019-05187-w
Health seeking behaviour and its determinants in urban areas of developing countries:in urban areas of developing countries:A primary survey in Kolkata city, India	Mahua Patra and Satarupa Bandhyapadhyay	Sociology	International Journal of Health Planning and Mngement	2020	1099-1751	https://doi.org/10.1002/hpm.3043
iSleep: Thermal entropy aware intelligent sleep scheduling algorithm for wireless sensor network	P.S. Banerjee, S.N. Mandal, D. De, B. Maiti	Physics	<u>Microsystem Technologies</u>	2020	0946-7076	https://doi.org/10.1007/s00542-019-04706-7
RL-Sleep: Temperature adaptive sleep scheduling using reinforcement learning for sustainable connectivity in wireless sensor networks	P.S. Banerjee, S.N. Mandal, D. De, B. Maiti	Physics	Sustainable Computing: Informatics and Systems	2020	2210-5379	https://doi.org/10.1016/j.suscom.2020.100380
Ribosylation induced structural changes in Bovine Serum Albumin: understanding high dietary sugar induced protein aggregation and amyloid formation	Ahana Das, Pijush Basak, Arnab Pramanick, Rajib Majumder, Debadrita Pal, Avishek Ghosh , Saugata	Microbiology	Heliyon	2020	2405-8440	https://doi.org/10.1016/j.heliyon.2020.e05053


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	Hazra, Manas Guria, Maitree Bhattacharyya, Samudra Prosad Banik					
Health seeking behaviour and its determinants in urban areas of developing countries:A primary survey in Kolkata city, India	Dr. Mahua Patra	Sociology	The International Journal of Health Planning and Management	2020	0749-6753 (print); 1099-1751 (web)	https://doi.org/10.1002/hpm.3043
Cobra venom neutralization by gold-nanoparticle-2 hydroxy-4-methoxy benzoic acid	Kalyani Saha, Saurav Ghosh, Aparna Gomes, Subir Chandra Dasgupta , Antony Gomes	Zoology	Indian Journal of Pharmacology	2021	0253-7613	DOI: 10.4103/ijp.IJP_370_18
'In Search of the Silver Lining': Vestiges of the Humane in Narratives of Indian Partition Violence	Dr. Debasri Basu	English	Journal of the Department of English, Vidyasagar University	2021	0973-3671	http://inet.vidyasagar.ac.in:8080/jspui/handle/123456789/5867
Emerging Applications of Nanotechnology in neurological Disorders: Recent Review	Rajarshi Ghosh , Pradip Bhattacharjee, Anish Pal	Zoology	Bioscience Biotechnology Research Communications	2021	0974-6455	http://dx.doi.org/10.21786/bbrc/14.1/9
Morphology and biology of freshwater tank goby, <i>Glossogobius giurus</i> (Hamilton 1822) from Indian subcontinent: A review.	Rajarshi Ghosh , Shreyosree Ganguly, Pradip Bhattacharjee and Anish Pal	Zoology	Uttar Pradesh Journal of Zoology	2021	0256-971X	https://mbimph.com/index.php/UPJOZ/article/view/2417
Status of Women in Islam in the light of the Quran and Hadith	Dr. Syed Mustafa Murshed Jamal Shah Al-Quadri	Arabic	Excellence International Journal of Education and Research	2021	2349-8838	https://portal.issn.org/resource/ISSN/2322-0147
COVID-19 Forced Lockdown: Nature's Strategy to Rejuvenate Itself	Susanta Roy Karmakar	Zoology	World Journal of Environmental Biosciences	2021	2277-8047	https://doi.org/10.51847/mhLv0Gijx5


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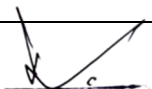


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The genetic aspect of musicality, perfect pitch and congenital Amusia	Susanta Roy Karmakar	Zoology	International Journal of Experimental Research and Review (IJERR)	2021	2455-4855	https://doi.org/10.52756/ijerr.2021.v25.009
LARVICIDAL EFFECT OF <i>Coffea arabica</i> L., <i>Camellia sinensis</i> (L.) Kuntz, AND <i>Punica granatum</i> L. ON <i>Aedes albopictus</i> (Skuse), THE VECTOR OF DENGUE AND CHIKUNGUNYA	Dipak Kumar Som , Pallabi Laha, Supriya Mondal	Zoology	UTTAR PRADESH JOURNAL OF ZOOLOGY	2021	0256-971X	https://mbimph.com/index.php/UPJOZ/article/view/2120
An inquisitive fluorescence method for the real-time detection of trace moisture in polar aprotic solvents with the application of water rancidity in foodstuffs	Snigdha Roy, Sanju Das , Ambarish Ray and Partha Pratim Parui	Chemistry	New Journal of Chemistry	2021	1369-9261	https://doi.org/10.1039/D0NJ06046A
Impact of Urea on Monogastric Mammalian System: A Short-Term Study	Dr. Sujit Kumar Bhowal, S Dasgupta, S RoyKarmakar , A Kar, E Chakrasbarty, M Ghosh, P Dey	Zoology	UTTAR PRADESH JOURNAL OF ZOOLOGY	2021	0256-971X	https://www.researchgate.net/publication/349110542_UTTAR_PRADESH_JOURNAL_OF_ZOOLOGY_IMPACT_OF_UREA_ON_MONOGASTRIC_MAMMALIAN_SYSTEM_A_SHORT_TERM_STUDY
Conservation And Traditional Management of Sacred Groves in The District of Nadia, West Bengal, India	Dr. Sujit Kumar Bhowal	Zoology	UTTAR PRADESH JOURNAL OF ZOOLOGY	2021	0256-971X	https://mbimph.com/index.php/UPJOZ/article/view/1952
Anti-Proliferative Activity of Indoles and Related Compounds: A	Dr. Sujit Kumar Bhowal	Zoology	UTTAR PRADESH JOURNAL OF ZOOLOGY	2021	0256-971X	https://mbimph.com/index.php/UPJOZ/article/view/2018


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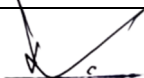


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Review						
A Brief Review on The Therapeutic Resistance Against Cancer-by-Cancer Stem Cell (CSC)	Dr. Sujit Kumar Bhowal	Zoology	UTTAR PRADESH JOURNAL OF ZOOLOGY	2021	0256-971X	https://mbimph.com/index.php/UPJOZ
A facile potassium 18-crown ether catalysed synthesis of 2,6-dicyanoaniline and 3-amino-9,10-dihydrophenanthrene-2,4 dicarbonitrile and their in vitro intercalation study on calf thymus DNA	Arijit Kundu	Chemistry	Synthetic Communications	2021	0039-7911	https://doi.org/10.1080/00397911.2021.1980807
Advances in Cellulosic enzyme technologies for enhanced stability and catalysis	Ahana Das, Samudra Prosad Banik	Microbiology	Journal of Advanced Scientific Research	2021	0976-9595	https://sciensage.info/index.php/JASR/article/view/1174
Utilization of Guanidine-Based Ancillary Ligands in Arene-Ruthenium Complexes for Selective Cytotoxicity	Jit Karmakar, Debalina Bhattacharya , Parimal Karmakar, Smaresh Bhattachareya	Microbiology	ACS Omega	2021	2470-1343 (print); 2470-1343 (web)	https://doi.org/10.1021/acsomega.0c06265
Fabrication of natural polysaccharide-based hydrogel with utility to entrap pollutants	Biva Ghosh, Debalina Bhattacharya , Mainak Mukhopadhyay	Microbiology	Journal of Physics Conference Series	2021	1742-6588 (print); 1742-6596 (web)	DOI 10.1088/1742-6596/1797/1/012060
Hazrat Alqama Shibli ki Tahreer Mein Sufiana Rang	Dr.Syed Mustafa Murshed Jamal Shah Al-Quadri	Arabic	Excellence International Journal of Education and Research	2021	2349-8838	https://portal.issn.org/resource/ISSN/2322-0147
Swadhinotar Ponchobarshiki: Prothom sadharon Nirbachoner prekkhapote Poschimbongo	Anjan Saha	History	Heritage	2021	2349-9583	http://www.heritageuniversityofkerala.com/
Fluorometric trace	Sniddha Roy,	Chemistry	RSC Advances	2021	2046-	DOI


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methanol detection in ethanol and isopropanol in a water medium for application in alcoholic beverages and hand sanitizers	Sanju Das, Ambarish Ray , Partha Pratim Parui				2069	https://doi.org/10.1039/D1RA05201B
CHANGED INFECTIVITY OF GAMMA EXPOSED Leishmania donovani: LIGHT MICROSCOPIC VIEW	Sanjukta Manna	Zoology	Uttar Pradesh Journal of Zoology	2021	0256-971X	https://mbimph.com/index.php/UPJOZ/article/view/2824
IMPACT OF Thelohanellos mrigalae TRIPATHI, 1952 ON Cirrhinus mrigala: PREVALENCE, HISTOPATHOLOGICAL AND HAEMATOLOGICAL ALTERATIONS	Sanjukta Manna	Zoology	Uttar Pradesh Journal of Zoology	2021	0256-971X	https://mbimph.com/index.php/UPJOZ/article/view/2110
Protective effect of Indomethacin on Vanadium-Induced Adrenocortical and Testicular damages in Rat	Samudra Prosad Banik	Microbiology	Toxicology Mechanisms and Methods	2021	ISSN:1537-6516E-ISSN:1537-6524	10.1080/15376516.2021.1973169
Creativity and Aspect of Thinking	Debasree Bhattacharya	Philosophy	International Journal of Integrated Research and Development	2021	2278-8670	https://www.ijird.org/
Farazdaq ka Qasida	Dr.Syed Mustafa Murshed Jamal Shah Al-Quadri	Arabic	Excellence International Journal of Education and Research	2021	2349-8838	https://portal.issn.org/resource/ISSN/2322-0147
Exomorphological variation in	Subhasis Panda , T. K.	Botany	Indian Journal of Applied and	2021	0970-2091	https://www.researchgate.net/publication/



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<i>Gaultheria fragrantissima</i> Wall. (Ericaceae: Vaccinioideae) in India: A Micromorphological solution from leaf stomata and pollen morphology	Majumder and D.S. Mohanty		Pure Biology			352410697 Exomorphological Variation in Gaultheria fragrantissima Wall Ericaceae Vaccinioideae in India A Micromorphological Solution from Leaf Stomata and Pollen Morphology A web of Science Journal
Karyotype diversity in Cultivated and Wild Indian Rice through EMA based Chromosome analysis	T.B. Jha	Botany	Journal of Genetics	2021	0973-7731	https://pubmed.ncbi.nlm.nih.gov/34787116/
Analysis of CMA-DAPI bands and preparation of fluorescent karyotypes in thirty Indian cultivars of <i>Lens culinaris</i>	T.B. Jha, B. Bhowmick and P. Roy	Botany	Caryologia	2021	2165-5391	https://doi.org/10.36253/caryologia-919
Evaluation of morphological traits, fluorescent banding and rDNA ITS sequences in cultivated and wild Indian Lentil	T.B. Jha and P.S. Saha	Botany	Genetic Resources and Crop Evolution	2021	0925-9864	https://doi.org/10.1007/s10722-021-01234-0
Conservation of floral, fruit and chromosomal diversity: A review on diploid and polyploid <i>Capsicum annum</i> complex in India	T.B. Jha, B. Bhowmick	Botany	Molecular Biology Reports	2021	0301-4851	https://doi.org/10.1007/s11033-021-06355-4
Unravelling the genetic diversity and phylogenetic relationships of Indian <i>Capsicum</i> through Fluorescent banding	T.B. Jha, B. Bhowmick	Botany	Genetic Resources and Crop Evolution	2021	0925-9864	https://doi.org/10.1007/s10722-020-00980-x


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Short-term effect of Naja naja shed skin extract on histopathology of testis, epididymis and vas deferens of Swiss albino mice.	Rajarshi Ghosh , Soubhik Das, Deepshikha Mitra, Pradip Bhattacharjee, and Subir Chandra Dasgupta	Zoology	Uttar Pradesh Journal of Zoology	2022	0256-971X	https://doi.org/10.56557/upjoz/2022/v43i72999
Two new species of Pseudosmittia Edwards, 1932 from India with a key to Oriental species adult males (Diptera: Chironomidae: Orthoclaadiinae)	TUHAR MUKHERJEE DIPAK KUMAR SOM NILADRI HAZRA	Zoology	ZOO TAXA	2022	1175-5334	10.11646/zootaxa.5200.1.4
CGARP: Chaos genetic algorithm-based relay node placement for multifaceted heterogeneous wireless sensor networks	P.S. Banerjee, S.N. Mandal, D. De, B. Maiti	Physics	<u>Innovations in Systems and Software Engineering</u>	2022	E - ISSN 1614-5054 Print ISSN 1614-5046	https://doi.org/10.1007/s11334-022-00439-5
An SEIT Epidemic Model with new modulated Saturated Incidence and time Delay	Debashis Biswas, Nanda Das , Samares Pal	Mathematics	Nonlinear Studies	2022	1359-8678	http://www.nonlinearstudies.com/index.php/nonlinear/article/view/2345
Understanding the impact of Covid-19 lockdown on the increase in the usage of Unified Payment Interface	Camellia C. Burman	Commerce	International Journal of Novel Research and Development	2022	2456-4184	https://www.ijnrd.org/papers/IJNRD2210070.pdf
Monitoring and Assessment of Drinking Water for Chemical Pollutants: A Three-Year Study in Nadia District, West Bengal	Ajanta Mukherji	Chemistry	Asian Journal of Organic and Medicinal Chemistry	2022	2456-8937	doi:10.5923/c.ije.201501.04
Microplastic in India a shoddy affair	ABHISHEK MUKHERJEE	Zoology	Uttar Pradesh Journal of	2022	0256-971X	https://mbimph.com/index.php/UPJOZ/a



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Title of paper	Name of the author/s	Department of the teacher	Name of journal	Calendar Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier (DOI) number
	, ARCHISMAN BHATTACHARJEE and AOISHIK ROY		Zoology			rticle/view/3233
Effective Body Recomposition vs. Misconceptions of the Traditional Weight Loss Strategies: TRCAP21 -A Novel Technological Breakthrough in Body Recomposition	Samudra Prosad Banik	Microbiology	Functional Foods in Health and Disease	2022	Online ISSN: 2160-3855, Print ISSN: 2378-7007	https://www.doi.org/10.31989/ffhd.v12i3.905
A study on the vegetative and flowering phenology including insect visitors of Rhododendron arboreum Sm. (Ericaceae Juss.) in Darjeeling Himalaya (India)-Phase-I	Dipak Kumar Som	Zoology	Indian J. Applied & Pure Biology	2022	0970-2091	http://www.chapragovtcollege.org/Publication/6384IJAPB%20FINAL%20PRINT%20Rhododendron%20Paper%202022%20Vol%2037.pdf
Studies on the effect of pesticides on the mycoflora diversity in the agricultural environments	Naim Uddin	Botany	Journal of Mycopathological Research	2022	0971-3719	doi:10.57023/JMycR.60.4.2022.601
DNA Damage induced cellular senescence and its PTEN armed exosomes-the warriors against prostate carcinoma cells.	Debalina Bhattacharya	Microbiology	Medical Oncology	2022	1357-0560 / 1559-131X	DOI: 10.1007/s12032-021-01614-7
Enhanced production of biohydrogen from lignocellulosic feedstocks using microorganisms: A comprehensive review	Debalina Bhattacharya	Microbiology	Energy Conversion and Management: X	2022	2590-1745	https://doi.org/10.1016/j.ecmx.2021.100153
A hydrogel sheet mask with tea tree	Debalina Bhattacharya	Microbiology	Materials Today:	2022	2214-7853	https://doi.org/10.1016/j.matpr.2022.01.3

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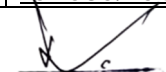


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essential oil entrapment and targeted dose delivery capability			Proceedings			49
Advances in modified antimicrobial peptides as marine antifouling material	Debalina Bhattacharya	Microbiology	Colloids and Surfaces B: Biointerfaces	2022	0927-7765	DOI: 10.1016/j.colsurfb.2022.112900
Exosomal long noncoding RNAs—the lead thespian behind the regulation, cause and cure of autophagy-related diseases”, Molecular Biology Reports	Debalina Bhattacharya	Microbiology	Molecular Biology Reports	2022	1573-4978 (Online)	https://doi.org/10.1007/s11033-022-07514-x
Sufi Influence in Medieval Mangalkot: The land of Eighteen Auliya	Asif Zamal Lasker	Islamic History and Culture	Journal of Social science	2022	2518-5896	https://rc.gov.bd/jss/wp-content/uploads/2021/09/05.pdf
CGARP: Chaos genetic algorithm-based relay node placement for multifaceted heterogeneous wireless sensor networks	Biswajit Maiti	Physics	Innovations in Systems and Software Engineering	2022	1614-5046	https://doi.org/10.1007/s11334-022-00439-5
FL-Sleep: Temperature adaptive multi-attribute sleep-scheduling algorithm using hesitant fuzzy logic for Wireless Sensor Networks	Biswajit Maiti	Physics	Applied Soft Computing	2022	1568-4946	https://doi.org/10.1016/j.asoc.2022.108910
Food safety & hygienic practices among street food vendors around the medical colleges of Kolkata, India	Avishek Ghosh	Microbiology	Zeichen Journal	2022	0932-4747	DOI:15.10089.ZJ.2020.V08I08.285311.2889
A Scoping Review of Changes to Patient-	Mohua Patra, Hamiduzzaman,	Sociology	Health Communication	2022	Print ISSN:	DOI: 10.1080/10410236.2022.2112900


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Doctor Communication During COVID-19	M., McLaren, H., & Siddiquee, N. A.				1041-0236 Online ISSN: 1532-7027	22.2152225
ECO- FRIENDLY RELIGIOUS WORSHIP AMONG THE BENGALI HINDU COMMUNITY	Chakraborty I., Ganesan, P., & Chatterjee, D.	Sociology	INTERNATIONAL JOURNAL OF ADVANCED AND APPLIED RESEARCH(IJAAR)	2022	2347-7075	https://ijaar.co.in/
Next Generation Antivenoms and Their Neutralizing Efficacy against Snakebite Envenoming	Pradip Bhattacharjee1*, Sanjukta Manna, Subir Chandra Dasgupta	Zoology	Journal of Scientific Research	2022	0447-9483	10.37398/JSR.2022.660508
Studies on some Haematological Parameters including Cellular Phagocytosis interaction occurring in the larval stages as well as in imago of Bombyx mori L.(Lepidoptera: Bombycidae) Breeds	Dipak K. Som, S. Mazumder, J. Murshed, M.Das, S.Raha	Zoology	INDIAN JOURNAL OF APPLIED AND PURE BIOLOGY	2022	0970-2091	https://www.biology-journal.org/
Maulana Md Ali Jauhar Ki Sahafat	Md Manzar Hussain	Urdu	Rooh-e-Adab	2022	R.N.At 12071/66	https://www.rekhta.org/emagazines/rooh-e-adab-kolkata
National Library of India: A repository and preserver of Persian manuscripts	Dr.S.M.Iqbal Shah Alquadri	Persian	Arabic Persian Studies Annual Journal, Calcutta University	2022	2396-9635	https://www.culibrary.ac.in/digital-lib-dev/ebook/ebook_catalog.php?cat=27
Critical Review on Karyotype diversity in Lentil based on Classical and Molecular Cytogenetics	T.B. Jha	Botany	Molecular Biology Reports	2022	0301-4851	https://doi.org/10.1007/s11033-022-07441-x
Fluorometric detection of Al3+	Sanju Das	Chemistry	Asian Journal of Chemistry	2023	0970-7077	https://doi.org/10.14233/ajchem.2023.269

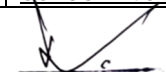


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Ion in mixed aqueous solvent based on simple schiff-base molecular Prob.						44
Highly sensitive colorimetric and fluorescent pH sensor of physiological interest	Sanju Das	Chemistry	Materials Today: Proceedings	2023	2214-7853	https://doi.org/10.1016/j.matpr.2023.03.390
Fluorescence probing of pH dependent aggregations and micellization of amphiphilic block copolymer at ultra-dilute condition	Sanju Das and Subhodip Samanta	Chemistry	International Journal of Current Science	2023	2250-1770	https://rjpn.org/ijcspub/
Review on Ligands containing phenolic unit used as fluorogenic chemosensors during the last decade	Sanju Das	Chemistry	International Journal of Creative Research Thoughts	2023	2320-2882	https://ijcrt.org/papers/IJCRT2305536.pdf
Quality of Life Modelling with Invulnerable Social-IoT Using Network Structural Entropy for Sustainable Smart City	P.S. Banerjee, S.N. Mandal, D. De, B. Maiti	Physics	<u>IETE Journal of Research</u> , 69(7):1-9	2023	ISSN-2455-4383 (Print) & E-ISSN:0974-7338 (Online)	https://doi.org/10.1080/03772063.2022.2160840
A Review on the Recent Applications of Deep Learning in Predictive Drug Toxicological Studies	Krishnendu Sinha, Nabanita Ghosh and Parames Sil	Zoology	Chemical Research in Toxicology	2023	0893-228X	https://doi.org/10.1021/acs.chemrestox.2c00375
An empirical study on financial well-being during the COVID-19 in India	Ujjal Sanyal and Furquan Uddin	Commerce	International Journal of Financial Services Management	2023	ISSN online 1741-8062 ISSN print 1460-6712	10.1504/IJFSM.2023.135765
Glycation-induced Amyloid Formation	Samudra Prosad Banik	Microbiology	Current Nutrition and	2023	1573-4013	10.2174/157340131966230224094812


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in Proteins: An Emerging Perspective to Explore Diabetes Associated Onset of Neurodegenerative Symptoms			Food Science			
Escaping the Revolution: Interpreting French Migration after 1789	Dr. Anjan Saha	History	Social Trends	2023	2348-6538	http://ir.nbu.ac.in/handle/123456789/5047
Shanghai Cooperation Organisation (SCO) and Grand Strategy of PRC: Some Observations	Dr. Anjan Saha	History	International Journal of English Literature and Social Sciences	2023	2456-7620	10.22161/ijels.81.2
Almighty as Litigant: Ram Janmabhoomi Case and the Concept of juristic personhood of temple deities in India	Dr. Anjan Saha	History	International Journal of English Literature and Social Sciences	2023	2456-7620	10.22161/ijels
Antibiotics; the Miracle Drugs, also a Predisposing Factor of Obesity	Malay Mitra, Tuhina Nasrin Ali, Avishek Ghosh	Microbiology	Biological Forum- An International Journal	2023	2249-3239	https://www.researchtrend.net/bfij/pdf/Antibiotics;-the-Miracle-Drugs;-also-a-Predisposing-Factor-of-Obesity-Avishek-Ghosh-25.pdf
Recent developments in photodynamic therapy and its application against multidrug resistant cancers	Debalina Bhattacharya	Microbiology	Biomedical Materials	2023	1748-605X	DOI: 10.1088/1748-605X/ad02d4
Taraaqi Pasand Rubayee go: Parvez Shahedi	Md. Manzar Hussain	Urdu	Adbee Nasheman	2023	2581-5482	https://adbeenasheman.com/


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A critical assessment of the whole plant-based phytotherapeutics from <i>Withania somnifera</i> (L.) Dunal with respect to safety and efficacy vis-a-vis leaf or root extract-based formulation	Samudra Prosad Banik	Microbiology	Toxicology mechanisms and methods	2023	1537-6516	<u>DOI:</u> 10.1080/15376516.2023.2242933
A Placebo-Controlled, Double-Blind Clinical Investigation to Evaluate the Efficacy of a Patented <i>Trigonella foenum-graecum</i> Seed Extract "Fenfuro®" in Type 2 Diabetics	Samudra Prosad Banik	Microbiology	Journal of American Nutrition Association	2023	2769-7061	https://doi.org/10.1080/27697061.2023.2233008
Beneficial Effects of a Novel Fenugreek Seed Extract (<i>Trigonella foenum-graecum</i> , Furocyst®) in Women with Polycystic Ovary Syndrome (PCOS): A Follow-up Compliance Clinical Investigation.	Samudra Prosad Banik	Microbiology	Journal of American Nutrition Association	2023	2769-7061	<u>DOI:</u> 10.1080/27697061.2022.2145526
Chemical, microbial and safety profiling of a standardized <i>Withania somnifera</i> (Ashwagandha) extract and Withaferin A, a potent novel phytotherapeutic of the millennium.	Samudra Prosad Banik	Microbiology	Functional Foods in Health and disease	2023	2378-7007	<u>DOI:</u> https://doi.org/10.31989/ffhd.v13i2.1071


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Comparative cytogenetics and fluorescent chromosome banding in five Indian species of <i>Dipcadi Medik</i>	T. Samanta, T. B. Jha , S. Ray and S. Jha	Botany	Plants	2023	2223-7747	https://doi.org/10.3390/plants12132534
A comparative account of antibacterial efficacy of <i>Madhuca longifolia</i> (J Konig) J.F. Macbr and <i>Butea monosperma</i> (Lam) Taub flower extracts	Avishek Ghosh	Microbiology	Biological Forum- An International Journal	2023	2249-3239	https://www.researchtrend.net/bfij/pdf/A-comparative-account-of-antibacterial-efficacy-of-Madhuca-longifolia-(J-Konig)-J.F.-Macbr-and-Butea-monosperma-(Lam)-Taub-flower-extracts-Avishek-Ghosh-42.pdf
An Account of Hygienic Practices and Street Food Safety Around the Medical	Avshek Ghosh	Microbiology	J Pure Appl Microbiol.	2023	2581-690X	https://doi.org/10.22207/JPAM.17.4.48


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