

P. R. Thakur Government College

P.O.-Thakurnagar, P.S.-Gaighata, North 24 Pgs., Pin-743287

Ph. No.: 913215-244442

Email: office@prtgc.ac.in

Website: www.prtgc.ac.in

Memo, No.-

Estd. 2013

Date:

CRITERION 3 Research, Innovations and Extensions

3.3 Research Publications and Awards

Documentation w.r.t. 3.3.1 Number of research papers published per teacher in the Journals notified on UGC website during the last five years

Supporting Documents Link:

Swapan Sarkar Officer-in-Charge P.R. Thakur Govt. College P.O.-Thakurnagar, 24Pgs.(N) Pin-743287



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3.3.1 Link to re-directing to journal source-cite website in case of digital journals

Title of paper	Name of journal	Link to website of the Journal /
	(2018-2019)	
Synthesis of 1,1'-(2,6-dihydroxy-2,6-dimethyl-3,7-dioxabicyclo [3.3.1]nonane-1,5-diyl)diethanone dihydrate: crystal structure and quantitative analysis of molecular interaction via molecular electrostatic potential and Hirshfeld surface analysis	Phase Transitions	https://www.tandfonline.com/toc/gp ht20/current
Synthesis, Characterization and Magnetic Studies of a Tetranuclear Manganese(II/IV) Compound Incorporating an Amino-Alcohol Derived Schiff Base	Magnetochemistry	https://www.mdpi.com/journal/mag netochemistry
Purification and characterization of a gelatinolytic serine protease from the seeds of ash gourd Benincasa hispida (Thunb.) Cogn.	Indian Journal of Biochemistry and Biophysics	http://op.niscair.res.in/index.php/IJB B
Inhibition of amyloid fibril formation of β- lactoglobulin by natural and synthetic curcuminoids	New Journal of Chemistry	https://www.rsc.org/journals-books- databases/about-journals/njc/
Impact of Transverse Magnetic Field Thermal Radiation on Non-Darcy Forced Convection Flow	Journal of Siberian Federal University, Mathematics & Physics	http://journal.sfu- kras.ru/en/series/mathematics_physi cs
Perceiving propensity for aggression analyzing facial anthropometry, FWHR and lung function parameters amongst children of athletic and nonathletic types in West Bengal.	World Journal of Pharmaceutical Research	https://wjpr.net/
Mitigation of hidden cardiovascular risk factors amongst preadolescent male athletes of Kolkata, West Bengal: A novel combination of yoga and neutriceuticals	European Journal of Pharmaceutical and Medical Research	www.ejpmr.com
Aggression Traits amongst adult male labourers of organized sector vs unorganized sector in West Bengal.	European Journal of Biomedical and Pharmaceutical Sciences	www.ejbps.com
Polymorphisms in voltage-gated sodium channel gene and susceptibility of Aedes albopictus to insecticides in three districts of northern West Bengal, India.	PLoS Neglected Tropical Disease	https://journals.plos.org/plosntds/
The Status of Susceptibility of Japanese Encephalitis Vectors to Insecticides in Endemic Areas of Northern Districts of West Bengal, India.	Japanese Journal of Infectious Disease	https://www.niid.go.jp/niid/en/jjid.ht ml
Susceptibility of Culex Quinquefasciatus To Three Commonly Used Insecticides From West Bengal, India.	International Journal of Recent Scientific Research	https://www.recentscientific.com/
Insecticide susceptibility status of Phlebotomus argentipes and polymorphisms in voltage-gated	Acta Tropica	https://www.sciencedirect.com/journ al/acta-tropica



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sodium channel (vgsc) gene in Kala-azar endemic		
areas of West Bengal, India.		
On the diversity of the vertebrate fauna (excluding fishes) of Panchet Hill (Garh Panchkot), Purulia, West Bengal, India.	Journal of Threatened Taxa	https://threatenedtaxa.org/index.php/ JoTT
Effect of a total solar eclipse on the surface crowding of zooplankton in a freshwater lake ecosystem	Limnology	https://link.springer.com/article/10.1 007/s10201-018-0540-8
Sahityer bhaSa: SadhinOta ebON nari proSoNgo	Alochona chOkro	http://www.alochonachakra.com/abo ut/
	(2019-2020)	
Identification of the Conditions for Increasing Dimensionality of the Income Expansion Path	Economics Bulletin	https://econpapers.repec.org/article/e blecbull/default2.htm
Occupational risk assessment and abatement of hazards amongst load bearers of Kolkata.	Int. J. Adv. Res	https://www.journalijar.com/
Prevalence of kdr mutations and insecticide susceptibility among natural population of Aedes aegypti in West Bengal.	PLoS ONE	https://journals.plos.org/plosone/
Comparison of the Effect of Two Different Synthetic Acaricides on the Population Dynamics of Red Spider Mite (Oligonychus coffeae) in Two Different Tea Gardens of Terai Region, Darjeeling District, West Bengal, India.	Journal of Biological and Chemical Research.	https://www.jbcr.co.in/
Rapid degradation of wetlands and its impact on avifauna: A case study from Ambuja Wetland, West Bengal, India.	Indian BIRDS.	https://www.indianbirds.in/
Fate of Snakes in an Urban Landscape – A report from Durgapur, Paschim Bardhaman, West Bengal, India.	Zoo's Print	https://zoosprint.org/
	(2020-2021)	
Communicative Form vs. Literary Form: An intervention inspired by Nigel Fabb	Jadavpur Journal of Language and Linguistics	https://www.jlls.org/index.php/jlls
Nigel Fabb-er driSTibhongite bhaSa-Sahityo SONjoger kOyekTi Sutro	Alochona chOkro	http://www.alochonachakra.com/abo ut/
Sorola Debi chowdhurani: uponebishik bonger biplobi andoloner onyotomo udyogta	Ebong Mohua	https://abcdindex.com/Journal/Ebon g-Mahua-(print-only)-NA
Representing Nationalism: Narrative of the Nation as Mother in the late Nineteenth and early Twentieth Century Bengali patriotic Poetry and Songs"	Modern Historical Studies	https://rbu.ac.in/home/page/105
Vancomycin resistant enterococcal infection in clinical isolates from Kolkata with special reference to distribution of vanA and vanB genes.	International Journal of Scientific Research	https://www.worldwidejournals.com /international-journal-of-scientific- research-(IJSR)/
Seasonal variation of sand fly populations in Kala-azar endemic areas of the Malda district,	Acta Tropica	https://www.sciencedirect.com/journ al/acta-tropica



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West Bengal, India.		
Estimation of Similarity between DNA Sequences and Its Graphical Representation.	International Journal of Recent Technology and Engineering (IJRTE)	https://www.ijrte.org/
Importance of schedule exercise programme for night shift workers of Kolkata: A validated operational attempt.	International Journal of Scientific Development and Research	http://www.ijsdr.org/
Effect of coffee on stress management amongst manual material handling workers of West Bengal: An interventional attempt.	International Journal of Research and Analytical Reviews	https://ijrar.org/archive.php?vol=7&issue=3
Prevalence of Vibration Induced Occupational Health Evaluation Amongst Welders of Kolkata, West Bengal.	Journal of Emerging Technologies and Innovative Research	www.jetir.org
Alleviation of Occupational Risk Factors of the Underground Coal mine workers of Raniganj, West Bengal: An Interventional Study.	International Journal of Medicine and Pharmaceutical Sciences	http://www.tjprc.org/
Assessment of Hidden Risk Factors amongst Night Shift Security Personnel in Kolkata, West Bengal: A Comparative Study.	International Journal of Research and Analytical Reviews	https://ijrar.org/archive.php?vol=7&issue=3
Coexistent malaria and filaria among the febrile patients attending for malaria diagnosis: A clinic-based study.	Tropical Parasitology.	https://journals.lww.com/tpar/pages/default.aspx
	(2021-2022)	
Sir U.N. Brahmachari and his battle against Kala- Azar	Tropical Parasitology.	https://journals.lww.com/tpar/pages/ default.aspx
Changing pattern of haemoglobin level following anti-malarial treatment among malaria cases attending a tertiary care hospital in Kolkata.	International Journal of Scientific Research	https://www.worldwidejournals.com /international-journal-of-scientific- research-(IJSR)/
Persistence of Malarial antigen following antimalarial chemotherapy in Kolkata, West Bengal.	International Journal of Scientific Research.	https://www.worldwidejournals.com /international-journal-of-scientific- research-(IJSR)/
Biochemical characterization of insecticide	Intermetional Incomel of	
resistance in field population of major JE vectors from northern districts of West Bengal, India.	International Journal of Tropical Insect Science.	https://link.springer.com/journal/426 90
from northern districts of West Bengal, India. Seasonal variation of Japanese encephalitis vector mosquito's populations in vulnerable areas of Northern parts of West Bengal, India. Assessment of Knowledge, Attitudes, and Practices about Visceral Leishmaniasis in Endemic Areas of Malda District, West Bengal, India.	Tropical Insect Science. International Journal of	90
from northern districts of West Bengal, India. Seasonal variation of Japanese encephalitis vector mosquito's populations in vulnerable areas of Northern parts of West Bengal, India. Assessment of Knowledge, Attitudes, and Practices about Visceral Leishmaniasis in Endemic Areas of Malda District, West Bengal,	Tropical Insect Science. International Journal of Mosquito Research. American Journal of Tropical Medicine and	https://www.dipterajournal.com/



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subdivision, Paschim Bardhaman, West Bengal.		
Role of physicochemical parameters on diversity and abundance of ground–dwelling, diurnal ant species of Durgapur Government College Campus, West Bengal, India.	Munis Entomology & Zoology	https://www.munisentzool.org/
A review on eco-friendly synthesis of silver nanoparticles from plants of five different families and its application in medicinal field	Journal of Advanced Scientific Research	https://sciensage.info/index.php/JAS R
Deriving Pertinent Knowledge through Sentiment Analysis and Linking with Relevant Documents.	SRELS Journal of Information Management	https://www.srels.org/index.php/sji m/article/view/160674
Readability of Articles Published in Library and Information Science Journals of Indian and Foreign Origin.	IASLIC Bulletin	http://iaslic1955.org.in/Default.aspx ?PageId=126
1960 Sal Porjonto Poshchimbonger Rajnoitik Andolone Namosudrader Bhumika.	Ebong Mohua	https://abcdindex.com/Journal/Ebon g-Mahua-(print-only)-NA
Poshchimbonger Panchayat Byabosthay Poundrakhatriya O Namosudrader Onsogrohon.	Ebong Mohua	https://abcdindex.com/Journal/Ebon g-Mahua-(print-only)-NA
Biswayan O Nomosudra Jatir Artho Samajik O Rajnaitik Abosthan: Paschimbanger Porisankhyan	Ebong Mohua	https://abcdindex.com/Journal/Ebon g-Mahua-(print-only)-NA
'Jantro Bybostha' O Paribesh Samporke Mahatma Gandhir Dristibhongi	Ebong Mohua	https://abcdindex.com/Journal/Ebon g-Mahua-(print-only)-NA
Oupanibeshik Bharatbarsher British sech- babostha o Mullobod	Ebong Mohua	https://abcdindex.com/Journal/Ebon g-Mahua-(print-only)-NA
Oupanibeshik banglar sarkari sechniti o Janasankha	Ebong Mohua	https://abcdindex.com/Journal/Ebon g-Mahua-(print-only)-NA
Rhyme And Rhetoric: A Reading of Satyajit Ray's English Translations of Upendrakishore Ray Chowdhury's Folktales	Bulletin of the Department of Linguistics, Department of Linguistics, University of Calcutta	https://www.caluniv.ac.in/academic/ Linguistics.html
পুস্তক পর্যালােচনা ঃ কল্পনা আশ্রিত অনুশাসনের মাঝে বিচ্যুতির সন্ধান ঋতু সেন চৌধুরী (সম্পাদিত) নারীবাদের নানা পাঠ	Samaj ji Jijnasa	http://samaj.kanikainfotech.com/
(2022-2023)		
Acharyya Mammater 'Kavyaprakash' O Tar Tikabhasya	Ebong Mohua	https://abcdindex.com/Journal/Ebon g-Mahua-(print-only)-NA
Dolit Nari O Manabadhikar: Biswanayer Nirikhe Ekti Parjalochona	Ebong Mohua	https://abcdindex.com/Journal/Ebon g-Mahua-(print-only)-NA
Bharater Jatibhittik Rajnitite Matua Andolon	Ebong Mohua	https://abcdindex.com/Journal/Ebon g-Mahua-(print-only)-NA
Madhya Jugiyo Banglar Jati Barno Samajer Namosudra O Poundra Kshatriyader Abosthan	Ebong Mohua	https://abcdindex.com/Journal/Ebon g-Mahua-(print-only)-NA
Bharater Jati Bhittik Rajnitir Utthan O Paton	Ebong Mohua	https://abcdindex.com/Journal/Ebon g-Mahua-(print-only)-NA



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Bharatiya Hindu Samajer Bongshanukromik Jatibhed protha	Ebong Mohua	https://abcdindex.com/Journal/Ebon g-Mahua-(print-only)-NA
Poundrakshatriya Jatir Arthosamajik Itihas	Ebong Mohua	https://abcdindex.com/Journal/Ebon g-Mahua-(print-only)-NA
Slip flow of hybrid nanofluid in presence of solar radiation	International Journal of Modern Physics C	https://www.worldscientific.com/worldscinet/ijmpc
Magneto Chemically Reacting Micropolar Nanofluid Flow in Existence of Heat Source/Sink	Journal of Nanofluids	http://www.aspbs.com/jon/
Construction of a Few Quantum Mechanical Hamiltonians via Levy-Leblond Type Linearization: Clifford Momentum, Spinor States and Supersymmetry	Advances in Applied Clifford Algebras	springer.com/journal/6
Impact of Indoor Residual Spray (IRS) of synthetic pyrethroid (alphacypermethrin) on sand fly population in the Kala-azar endemic areas of Malda district, West Bengal, India.	International Journal of Tropical Insect Science.	https://link.springer.com/journal/426 90
A Comprehensive Classification of Sentiment Reviews of Twitter Data in the Domain of Climatology using Machine Learning Techniques.	Journalof Information and Knowledge	https://www.srels.org/index.php/sji m/article/view/168281
A Prevalence Study of Cardiac Risk Assessment of Female Construction Workers of Bengal, India: A Meta- Analysis	International Journal of Life Sciences	http://www.crdeepjournal.orE
Studies on phytochemical analysis, antioxidant, antibacterial and larvicidal properties of the Acacia nilotica fruit extracts	Mapana journal of sciences	https://journals.christuniversity.in/in dex.php/mapana
A scoping study of East Kolkata Wetlands – A Ramsar Site	Journal of Indian Water Works Association	https://www.iwwa.info/
A report on Health and Functioning of an urban, Perennial Lake of West Bengal, India with Reference to Waterbird Colonization	Indian Hydrobiology	https://indianhydrobiology.yolasite.c om/
Magneto Chemically Reacting Micropolar Nanofluid Flow in Existence of Heat Source/Sink.	Journal of Nanofluids	https://www.ingentaconnect.com/co ntent/asp/jon
Squeezing flow of Cu — TiO ₂ / H ₂ O hybrid nanofluid with activation energy and chemical reaction in a Darcy-Forchheimer porous medium	International Journal of Ambient Energy	https://www.tandfonline.com/journa ls/taen20
A Review on Efficacy of Spices and Herbs as per Ayurveda and Their Role as a Potent Antioxidant and Antimicrobial Agents	Annals of Ayurvedic Medicine	https://www.aamjournal.in/
Oupanibeshik Bharate British Sechnitir Provab	Ebong Mohua	https://abcdindex.com/Journal/Ebon g-Mahua-(print-only)-NA



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unobingsho sotoker banglai jatived o osprishyota		
prothar biruddhye brahmosomaj andolon: Ekti alokito odhyay	Ebong Mohua	https://abcdindex.com/Journal/Ebon g-Mahua-(print-only)-NA
Butterfly diversity along a short trekking route inside Buxa Tiger Reserve (National Park), West Bengal, India.	Species	Species (journal) (discoveryjournals.org)
A study of avian diversity in Durgapur government college campus, West Bengal, India.	The Holistic Approach to Environment	casopis.hrcpo.com
Acute toxicological effect of composite industrial effluent on zooplankton (<i>Moina</i> sp.).	Journal of Indian Water Works Association	casopis.hrcpo.com
Assessment of knowledge about malaria and LLIN ownership and its use in Bankura, West Bengal, India.	Journal of Vector Borne Diseases	https://journals.lww.com/jvbd/pages /default.aspx
Evidence of metabolic resistance to insecticides in sandfly population from Kala-azar endemic areas of Malda, West Bengal, India.	Journal of Entomology Research	https://www.indianjournals.com/ijor. aspx?target=ijor:jer&volume=46&is sue=suppl&article=047
Prevalence of histidine-rich protein 2 deletion among the Plasmodium falciparum isolates from Kolkata.	Tropical Parasitology	https://journals.lww.com/tpar/fulltex t/2023/13010/prevalence_of_histidin e_rich_protein_2_deletion.4.aspx
Three-dimensional rotating flow of $Cu - Al_2O_3$ Kerosence oil hybrid nanofluid in presence of activation energy and thermal radiation	Numerical Heat Transfer, Part A: Applications	https://www.tandfonline.com/journa ls/taen20
Unfolding flow features of MHD Hybrid Nanofluid (Ag-Al2O3-H2O) and mono nanofluid (Al2O3-H2O) flow over exponentially expanded sheet soaked in a Darcy-Forchheimer absorbent medium co-existing non-uniform heat generation/absorption.	Waves in Random and Complex Media	https://www.tandfonline.com/journa ls/taen20
English Education and the Rise and Growth of Intellectual Awakening in the 19th Century Colonial Bengal,	Education and Society	https://www.jamesnicholaspublisher s.com.au/education-and-society/
Women's quest for liberation	Education And Society	https://www.jamesnicholaspublisher s.com.au/education-and-society/
Social media post: Text and images, iconisation of symbols	GLOCAL	https://glocal.soas.ac.uk/glocal- journals/
Japanese Encephalitis virus infection among wild caught vectors mosquitoes and domestic pigs in northers West Bengal, India	Indian Journal of Public Health	https://journals.lww.com/ijph/pages/ default.aspx