

#### P. R. Thakur Government College

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

Ph. No.: 913215-244442

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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

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



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#### 3.3.1 Links to the papers published in Journals listed in UGC CARE List

Title of paper	Link to article / paper / abstract of the article
(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	https://www.tandfonline.com/doi/full/10.108 0/01411594.2018.1474357
Synthesis, Characterization and Magnetic Studies of a Tetranuclear Manganese(II/IV) Compound Incorporating an Amino-Alcohol Derived Schiff Base	https://www.mdpi.com/2312-7481/4/4/57
Purification and characterization of a gelatinolytic serine protease from the seeds of ash gourd Benincasa hispida (Thunb.)  Cogn.	http://nopr.niscpr.res.in/bitstream/123456789 /44349/1/IJBB%2055(2)%2077-87.pdf
Inhibition of amyloid fibril formation of β-lactoglobulin by natural and synthetic curcuminoids	https://pubs.rsc.org/en/content/articlelanding/ 2018/nj/c8nj03194k/unauth
Impact of Transverse Magnetic Field Thermal Radiation on Non-Darcy Forced Convection Flow	http://journal.sfu-kras.ru/en/article/68379
Perceiving propensity for aggression analyzing facial anthropometry, FWHR and lung function parameters amongst children of athletic and nonathletic types in West Bengal.	DOI : 10.20959/wjpr201812-12650
Mitigation of hidden cardiovascular risk factors amongst preadolescent male athletes of Kolkata, West Bengal: A novel combination of yoga and neutriceuticals	https://www.ejpmr.com/home/abstract_id/37
Aggression Traits amongst adult male labourers of organized sector vs unorganized sector in West Bengal.	https://storage.googleapis.com/journal- uploads/ejbps/article_issue/volume_5_april_i ssue_4/1522492623.pdf
Polymorphisms in voltage-gated sodium channel gene and susceptibility of Aedes albopictus to insecticides in three districts of northern West Bengal, India.	https://doi.org/10.1371/journal.pntd.0006192
The Status of Susceptibility of Japanese Encephalitis Vectors to Insecticides in Endemic Areas of Northern Districts of West Bengal, India.	https://doi.org/10.7883/yoken.JJID.2017.465 Browse "Advance online publication" version
Susceptibility of Culex Quinquefasciatus To Three Commonly Used Insecticides From West Bengal, India.	https://www.recentscientific.com/sites/default/files/10039-A-2018.pdf
Insecticide susceptibility status of Phlebotomus argentipes and polymorphisms in voltage-gated sodium channel (vgsc) gene in Kala-azar endemic areas of West Bengal, India.	https://doi.org/10.1016/j.actatropica.2018.06.
On the diversity of the vertebrate fauna (excluding fishes) of Panchet Hill (Garh Panchkot), Purulia, West Bengal, India.	https://doi.org/10.11609/jott.4102.10.15.1297 9-12985
Effect of a total solar eclipse on the surface crowding of zooplankton in a freshwater lake ecosystem	https://doi.org/10.1007/s10201-018-0540-8
Conceptualizing Indian Nation: India as Mother, A Potent Symbolization in Shaping National Consciousness and Forming Nation in the Late	PRINT



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19th Century Colonial Bengal,	
Indicting Inequality: The Issue of Class in Two Hollywood	PRINT
Films and Their Bengali Film Adaptations.	TRIVI
Othering the Dalits: in Selected Bengali Dalit Short Stories	PRINT
Sahityer bhaSa: SadhinOta ebON nari proSoNgo	PRINT
Numerical System of Four Austro	FRINI
	DDINT
Asiatic Languages: A case	PRINT
Study.	
Itihas o bortomaner prekkhapote	PRINT
turi bhasagosthir chalcitro: Our Heritage.	
(2019-2020)	
Identification of the Conditions for Increasing Dimensionality of	https://econpapers.repec.org/article/eblecbull/
the Income Expansion Path	eb-19-00488.htm
Occupational risk assessment and abatement of hazards amongst	http://dy.doi.org/10.21474/IIA.D01/0704
load bearers of Kolkata.	http://dx.doi.org/10.21474/IJAR01/9704
Prevalence of kdr mutations and insecticide susceptibility among	https://doi.
natural population of Aedes aegypti in West Bengal.	org/10.1371/journal.pone.0215541
Comparison of the Effect of Two Different	https://www.jbcr.co.in/Current_Issue/Vol_36
Synthetic Acaricides on the Population Dynamics of Red Spider	_1_Part_B_Jan_June_2019/10.%20RESEAR
Mite (Oligonychus coffeae) in Two Different Tea Gardens of	CH%20PAPER%20110-115.pdf
Terai Region, Darjeeling District, West Bengal, India.	•
Rapid degradation of wetlands and its impact on avifauna: A	https://indianbirds.in/pdfs/IB_15_2_Adhurya
case study from Ambuja Wetland, West Bengal, India.	ETAL_AmbujaWetland.pdf
Fate of Snakes in an Urban Landscape – A report from	https://zoosprint.org/index.php/zp/article/vie
Durgapur, Paschim Bardhaman, West Bengal, India.	w/3615
(2020-2021)	
	https://www.worldwidejournals.com/internati
	onal-journal-of-scientific-research-
Vancomycin resistant enterococcal infection in clinical isolates	(IJSR)/article/vancomycin-resistant-
from Kolkata with special reference to distribution of vanA and	enterococcal-infection-in-clinical-isolates-
vanB genes.	from-kolkata-with-special-reference-to-
vanib genes.	distribution-of-vana-and-vanb-
	genes/MzA3MDM=/?is=1&b1=29&k=8
Seasonal variation of sand fly populations in Kala-azar endemic	https://doi.org/10.1016/j.actatropica.2020.105
areas of the Malda district, West Bengal, India.	358
Estimation of Similarity	https://www.ijrte.org/portfolio-
between DNA Sequences and Its Graphical Representation.	item/F9389038620/
Coexistent malaria and filaria among the febrile patients	https://journals.lww.com/tpar/fulltext/2020/1
attending for malaria diagnosis: A clinic-based study.	0020/coexistent_malaria_and_filaria_among
attending for maratra diagnosis. A chine-based study.	
	_uic_icome.o.aspx
Representing Nationalism:	
	PRINT
* * * * * * * * * * * * * * * * * * * *	
Representing Nationalism: Narrative of the Nation as Mother in the late Nineteenth and early Twentieth Century Bengali patriotic Poetry and Songs,	_the_febrile.8.aspx PRINT



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বঙ্কিমচন্দ্রচট্টোপাধ্যায়ঃবাস্তুতান্ত্রিক নারীবাদেরপথিকৃৎ	PRINT
যতীনবালারগল্পেজাত, ধর্ম ও যৌননির্যাতনঃক্ষমতার সম্পর্ক	PRINT
Communicative Form vs. Literary Form: An intervention inspired by Nigel Fabb	https://ia904706.us.archive.org/1/items/jjll- icrsm-2020/JJLL-ICRSM-2020.pdf
Nigel Fabb-er driSTibhongite bhaSa-Sahityo SONjoger kOyekTi Sutro	PRINT
Sorola Debi chowdhurani: uponebishik bonger biplobi andoloner onyotomo udyogta	PRINT
Representing Nationalism: Narrative of the Nation as Mother in the late Nineteenth and early Twentieth Century Bengali patriotic Poetry and Songs"	PRINT
Rastrer Anushashone Jonoswasthy	PRINT
Importance of schedule exercise programme for night shift workers of Kolkata: A validated operational attempt.	PRINT
Effect of coffee on stress management amongst manual material handling workers of West Bengal: An interventional attempt.	PRINT
Prevalence of Vibration Induced Occupational Health Evaluation Amongst Welders of Kolkata, West Bengal.	PRINT
Alleviation of Occupational Risk Factors of the Underground Coal mine workers of Raniganj, West Bengal: An Interventional Study.	PRINT
Assessment of Hidden Risk Factors amongst Night Shift Security Personnel in Kolkata, West Bengal: A Comparative Study.	PRINT
(2021-2022)	
1960 Sal Porjonto Poshchimbonger Rajnoitik Andolone Namosudrader Bhumika.	PRINT
Poshchimbonger Panchayat Byabosthay Poundrakhatriya O Namosudrader Onsogrohon.	PRINT
Biswayan O Nomosudra Jatir Artho Samajik O Rajnaitik Abosthan: Paschimbanger Porisankhyan	PRINT
'Jantro Bybostha' O Paribesh Samporke Mahatma Gandhir Dristibhongi	PRINT
Sir U.N. Brahmachari and his battle against Kala-Azar	https://journals.lww.com/tpar/fulltext/2021/1 1020/sir_u_nbrahmachari_and_his_battle_against.4.aspx
Changing pattern of haemoglobin level following anti-malarial treatment among malaria cases attending a tertiary care hospital in Kolkata.	https://www.worldwidejournals.com/international-journal-of-scientific-research-(IJSR)/article/changing-pattern-of-haemoglobin-level-following-antiandndash-malarial-treatment-among-malaria-cases-attending-a-tertiary-care-hospital-in-kolkata/MzcxNjg=/
Persistence of Malarial antigen following antimalarial	https://www.worldwidejournals.com/internati



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chemotherapy in Kolkata, West Bengal.	onal-journal-of-scientific-research- (IJSR)/article/persistence-of-malarial- antigen-following-antimalarial- chemotherapy-in-kolkata-west- bengal/MzY3NDc=/?is=1&b1=1297&k=325
Biochemical characterization of insecticide resistance in field population of major JE vectors from northern districts of West Bengal, India.	https://doi.org/10.1007/s42690-021-00588-3
Seasonal variation of Japanese encephalitis vector mosquito's populations in vulnerable areas of Northern parts of West Bengal, India.	https://doi.org/10.22271/23487941.2021.v8.i 2a.513
Assessment of Knowledge, Attitudes, and Practices about Visceral Leishmaniasis in Endemic Areas of Malda District, West Bengal, India.	https://doi.org/10.4269/ajtmh.20-0720
Community structure and foraging guilds of winter avifauna of an urban, perennial wetland of West Bengal, India.	https://ijcs.ro/public/IJCS-21- 21_Mukherjee.pdf
Additional report of anurans from Durgapur subdivision, Paschim Bardhaman, West Bengal.	https://zoosprint.org/index.php/zp/issue/view/720/58
Role of physicochemical parameters on diversity and abundance of ground–dwelling, diurnal ant species of Durgapur Government College Campus, West Bengal, India.	https://www.antwiki.org/wiki/images/7/70/M ukherjee,_A.,_Roy,_U.S2021Role_of_ph ysicochemical_parameters_on_diversity_and _abundance.pdf
A review on eco-friendly synthesis of silver nanoparticles from plants of five different families and its application in medicinal field	https://doi.org/10.55218/JASR.s2202112201
Deriving Pertinent Knowledge through Sentiment Analysis and Linking with Relevant Documents.	DOI: https://doi.org/10.17821/srels/2021/v58i5/16 0674
Readability of Articles Published in Library and Information Science Journals of Indian and Foreign Origin.	http://iaslic1955.org.in/Default.aspx?PageId= 126
RHYME AND RHETORIC: A READING OF SATYAJIT RAY'S ENGLISH TRANSLATIONS OF UPENDRAKISHORE RAY CHOWDHURY'S FOLKTALES	https://www.caluniv.ac.in/academic/Linguisti cs.html
Oupanibeshik Bharatbarsher British sech-babostha o Mullobod	PRINT
Oupanibeshik banglar sarkari sechniti o Janasankha	PRINT
Acharyya Mammater 'Kavyaprakash' O Tar Tikabhasya	PRINT
(2022-2023)	1
Slip flow of hybrid nanofluid in presence of solar radiation	https://doi.org/10.1142/S0129183122500176
Dolit Nari O Manabadhikar: Biswanayer Nirikhe Ekti Parjalochona	PRINT
Bharater Jatibhittik Rajnitite Matua Andolon	PRINT
Madhya Jugiyo Banglar Jati Barno Samajer Namosudra O Poundra Kshatriyader Abosthan	PRINT
Bharater Jati Bhittik Rajnitir Utthan O Paton	PRINT



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Bharatiya Hindu Samajer Bongshanukromik Jatibhed protha	PRINT
Poundrakshatriya Jatir Arthosamajik Itihas	PRINT
Magneto Chemically Reacting Micropolar Nanofluid Flow in Existence of Heat Source/Sink	https://doi.org/10.1166/jon.2022.1862
Construction of a Few Quantum Mechanical Hamiltonians via Levy-Leblond Type Linearization: Clifford Momentum, Spinor States and Supersymmetry	https://doi.org/10.1007/s00006-022-01239-7
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.	https://doi.org/10.1007/s42690-022-00830-6
A Comprehensive Classification of Sentiment Reviews of Twitter Data in the Domain of Climatology using Machine Learning Techniques.	DOI: https://doi.org/10.17821/srels/2022/v59i3/16 8281
A Prevalence Study of Cardiac Risk Assessment of Female Construction Workers of Bengal, India: A Meta-Analysis	DOI: 10.13140/RG.2.2.21081.60008
Studies on phytochemical analysis, antioxidant, antibacterial and larvicidal properties of the Acacia nilotica fruit extracts	https://doi.Org/10.12723/mjs.63.3 47
A scoping study of East Kolkata Wetlands – A Ramsar Site	https://www.iwwa.info/journal-archives?vol- id=MTg3
A report on Health and Functioning of an urban, Perennial Lake of West Bengal, India with Reference to Waterbird Colonization	IH 21 (2) preliminaries.pdf (indianhydrobiology.yolasite.com)
Magneto Chemically Reacting Micropolar Nanofluid Flow in Existence of Heat Source/Sink.	https://doi.org/10.1166/jon.2022.1862
Squeezing flow of  Cu — TiO <sub>2</sub> / H <sub>2</sub> O  hybrid nanofluid with activation energy and chemical reaction in a Darcy-Forchheimer porous medium	https://doi.org/10.1080/01430750.2022.2116 598
A Review on Efficacy of Spices and Herbs as per Ayurveda and Their Role as a Potent Antioxidant and Antimicrobial Agents	doi: 10.5455/AAM.18694
Oupanibeshik Bharate British Sechnitir Provab	PRINT
unobingsho sotoker banglai jatived o osprishyota prothar biruddhye brahmosomaj andolon: Ekti alokito odhyay	PRINT
Love: The Ultimate Message of Spiritualty	PRINT
Love the cardinal message of spirituality	PRINT
Symbols of early Buddhism and its significance	PRINT
Gandhi as A New Mass Leader in Bengal, Sambodhi:	PRINT
Butterfly diversity along a short trekking route inside Buxa Tiger Reserve (National Park), West Bengal, India.	doi.org/10.54905/disssi/v24i73/e18s1018
A study of avian diversity in Durgapur government college campus, West Bengal, India.	https://www.iwwa.info/journal-archives?vol- id=MTg3



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Acute toxicological effect of composite industrial effluent on	
zooplankton ( <i>Moina</i> sp.).	casopis.hrcpo.com
Assessment of knowledge about malaria and LLIN ownership	
and its use in Bankura, West Bengal, India.	doi: 10.4103/0972-9062.361164.
Evidence of metabolic resistance to insecticides in sandfly	
population from Kala-azar endemic areas of Malda, West	eISSN: 0974-4576
Bengal, India.	ISSN: 0378-9519
Prevalence of histidine-rich protein 2 deletion among the	1: 10 4100/ 10 00
Plasmodium falciparum isolates from Kolkata.	doi: 10.4103/tp.tp_19_22.
Three-dimensional rotating flow of	
$Cu - Al_2O_3$	https://doi.org/10.1080/10407782.2022.2147
Kerosence oil hybrid nanofluid in presence of activation energy	111
and thermal radiation	
Unfolding flow features of MHD Hybrid Nanofluid (Ag-Al2O3-	
H2O) and mono nanofluid (Al2O3-H2O) flow over	10.1080/17455030.2023.2171153
exponentially expanded sheet soaked in a Darcy-Forchheimer	10.1060/17453030.2023.2171155
absorbent medium co-existing non-uniform heat	
generation/absorption.	
The Quest for The Roots of The	PRINT
Revolutionary Movement in Bengal	·
Sister Nivedita and the Youths	PRINT
of Colonial Bengal	
English Education and the Rise	PRINT
and Growth of Intellectual Awakening in the 19th	
Century Colonial Bengal,	
ž – ž	PRINT
Women's quest for liberation	LIVIII
Social media post: Text and images, iconisation of symbols	https://glocal.soas.ac.uk/cala2023-
	proceedings/
Japanese Encephalitis virus infection among wild caught vectors	DOI: 10.4103/ijph.ijph_1734_22
mosquitoes and domestic pigs in northers West Bengal, India	