

Sarat Centenary College

Dhaniakhali, Hooghly

Founded: 1976

Recognised Under UGC 2F&12B

WB Govt. Aided

Affiliated to The University of Burdwan



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This is to certify that the following information (Data Template) and links are correct and valid against the DVV. Query under **criteria-3**

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

3.3.1.1. Number of research papers in the Journals notified on UGC CARE list year wise during the last five years



P. G. Basak
09.09.2019
DR. SANDIP KUMAR BASAK
Principal & Secretary
Sarat Centenary College
Dhaniakhali, Hooghly

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

2018-2019

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal/DOI number/ Link to journal website/ Link to article/abstract	Is It UGC Care-List Journal
Arun Kolatkar's Jejuri: A Conflict between Myth and Reality, Faith and scepticism	Amar Dutta	English	PostScriptum: An interdisciplinary Journal of Literary Studies	July, 2018	2456-7507	https://postscriptum.co.in/wp-content/uploads/2018/07/ps3.iiAmar.pdf	Yes
Evaluation of performance in the Crosses of Aromatic Rice involving induced Mutants	Dr. K M Hasib	Botany	Trends in Bio-Sciences	2018	2263-2266	https://www.cabidigitallibrary.org/doi/full/10.5555/20203071881	Yes
Effects of Gama Rays on various physio-morphological charactes in the M1 Generation of Scented Rice	Dr. K M Hasib, A.K Basak, P.C Kole	Botany	Environment and Ecology	March, 2019	0970-0420	https://www.cabidigitallibrary.org/doi/pdf/10.5555/20193138426	Yes
Role of Gram Panchayet for Rural Proverty Alleviation through Goverments Schemes- A Case Study in Gopinathpur I Gram Panchayet, Dhaniakhali, Hooghly, West Bengal	Dr. Basudev Halder	Geography	Journal of Critical Reviews	June, 2019	2394-5152	https://jcreview.com/admin/Uploads/Files/61c060cb3b59d4.65364123.pdf	Yes
Spatial Disribution of Population of Different Socio-Cultural entities within Chandernagore Municipal Corporation Area	Dr. Basudev Halder	Geography	Polyphony, A Journal of Association for Literary and Socal Interaction	April, 2019	2319-6424	https://scollegednk.ac.in/images/uploads/Polyphony%20Basudev%20Halder.pdf	Yes
Oral Traditions for retrieving History through Stories: A Reading of Jack Davis's The Dreamers	Dr. Ramanuj Konar	English	Polyphony, A Journal of Association for Literary and Socal Interaction	April, 2019	2319-6424	https://scollegednk.ac.in/images/uploads/Polyphony%20Ramanuj%20Konar.pdf	Yes

2019-2020

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal/DOI number/ Link to journal website/ Link to article/abstract	Is It UGC Care-List Journal
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Effects of nutrient limitation, salinity increase, and associated stressors on mangrove forest cover, structure and zonation across	Dr. Sandip Kumar Basak	Botany	Hydrobiologia	August, 2019	842:191–217	https://link.springer.com/article/10.1007/s10750-019-04036-9#:~:text=Nutrient%20limitation%2C%20salinity%20rise%2C%20anoxicity,%2098%20to%20~%2011%25.	Yes
Financial Innovation in the MSME sector: an emperical study on Fin-Tech	Dr. Rintu Nath	Commerce	The management Accountant	Oct, 2019	0972-3528	https://scollegednk.ac.in/images/uploads/MSME,%20Rintu%20Nath,%20Oct%202019.pdf	Yes
Technological Start-Up and its impact on economy in India: an overview	Dr. Rintu Nath	Commerce	The management Accountant	Dec, 2019	0972-3528	https://scollegednk.ac.in/images/uploads/MSME_Rintu%20Nath,%20Dec%202019.pdf	Yes

2020-2021

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal/DOI number/ Link to journal website/ Link to article/abstract	Is It UGC Care-List Journal
Forecasting mangrove ecosystem degradation utilizing quantifiable eco-physiological resilience-A study from Indian Sundarbans	Dr. Sandip Kumar Basak	Botany	Scientific Reports	2020		http://154.41.228.221/bitstream/123456789/509/1/forecasting%20mangrove%20ecosystem%20degradation%20utilizing%20quantifiable%20eco-physiological%20resilience%20-A%20study%20from%20Indian%20Sundarbans%20.pdf	Yes
The Role of Hegemony in the Construction and Perpetuation of the Margin: Re-reading George Orwell's Animal Farm	Dr. Ramanuj Konar	English	International Journal of Early Childhood Special Education	Feb, 2020	1308-5581	https://www.int-jecse.net/article/The+Role+of+Hegemony+in+the+Construction+and+Perpetuation+of+the+Margin%253A+Re-Reading+George+Orwell%25E2%2580%2599s+Animal+Farm_6812/?download=true&format=pdf	Yes

Financial performance of major and medium irrigation projects in India-some issues	Dr. Rajkumar Kundu and Dr. Apurba Kumar Chattopadhyay	Commerce	Indian Journal of Agricultural Economics	June, 2020	2582-7510	https://sccollegednk.ac.in/images/uploads/RKK_IJAE_Vol.75_No.2_April-June_20201-7-25.pdf	Yes
Water Resource Management of Damodar Valley Corporation	Dr. Rajkumar Kundu and Dr. Apurba Kumar Chattopadhyay	Commerce	Indian Journal of Agricultural Economics	June, 2020	2349-8846	https://www.epw.in/journal/2020/12/special-articles/water-resource-management-damodar-valley.html	Yes
Assessment of Agricultural Economy and Livelihood: A Case Study in Chandinagar Mouza, Hooghly District, West Bengal	Basudev Halder	Geography	Indian Journal of Spatial Science	September, 2020	2249-3921	https://sccollegednk.ac.in/images/uploads/BH_Chandinagar%20Jangipara.pdf	Yes
CDP acts as Driving force to the MSME sector "A study of Fan Cluster in West Bengal"	Dr. Rintu Nath	Commerce	The Management Accountant	December, 2020	0972-3528	https://sccollegednk.ac.in/images/uploads/Rintu_Dec_2020.pdf	Yes
Charged strange star in $f(R, T)$ gravity with linear equation of state	Pramit Rej and Piyali Bhar	Mathematics	Astrophysics and Space Science	2020-2021	1572-946X	https://link.springer.com/article/10.1007/s10509-021-03943-5	Yes
Charged compact star in $f(R, T)$ gravity in Tolman–Kuchowicz spacetime	Pramit Rej, Piyali Bhar and Megan Govender	Mathematics	The European Physical Journal C	2020-2021	1434-6052	https://link.springer.com/article/10.1140/epjc/s10052-021-09127-3	Yes
Charged gravstar model in $f(R, T)$ gravity admitting conformal motion	Piyali Bhar and Pramit Rej	Mathematics	International Journal of Geometric Methods in Modern Physics	2020-2021	0219-8878	https://www.worldscientific.com/doi/abs/10.1142/S0219887821501127	Yes
Relativistic compact stars in Tolman spacetime via an anisotropic approach	Piyali Bhar, Pramit Rej, P. Mafa Takisa and M. Zubair	Mathematics	The European Physical Journal C	2020-2021	1434-6052	https://link.springer.com/article/10.1140/epjc/s10052-021-09340-0	Yes
Electron transfer in proton-hydrogen collisions in nonideal classical plasmas	Kamalika Das, Pramit Rej, and Arijit Ghoshal	Mathematics	Contributions to Plasma Physics	2020-2021	1521-3986	https://onlinelibrary.wiley.com/doi/abs/10.1002/ctpp.202000080#:~:text=A%20detailed%20study%20is%20made,change%20in%20capture%20cross%20section	Yes
Electron transfer in proton-hydrogen collisions in dense semi-classical hydrogen plasma	Kamalika Das, Biswajit Das, Pramit Rej, and Arijit Ghoshal	Mathematics	Contributions to Plasma Physics	2020-2021	1521-3986	https://onlinelibrary.wiley.com/doi/abs/10.1002/ctpp.202000212	Yes

Finch-Skea star model in $f(R, T)$ theory of gravity	Piyali Bhar, Pramit Rej, Aisha Siddiqa and Ghulam Abbas	Mathematics	International Journal of Geometric Methods in Modern Physics	2020-2021	0219-8878	https://www.worldscientific.com/doi/abs/10.1142/S0219887821501607	Yes
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2021-2022

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal/DOI number/ Link to journal website/ Link to article/abstract	Is It UGC Care-List Journal
Santali Jonmo Sanskare: Lokgechar O Lokogeet	Chhatu Tudu	Santali	Tabu Eklavya	2021	0976-9463	https://sccollegednk.ac.in/images/uploads/Chhatu%20Tudu%20journal%20document%20.pdf	Yes
Spatio-Temporal Variations of Block Wise Rural Sex Ratio of Hooghly District in West Bengal (2001-11)	Basudev Halder	Geography	Psychology and Education	May, 2021	1553-6939	http://psychologyandeducation.net/pae/index.php/pae/article/view/5982	Yes
CDP acts as Driving force to the MSME sector "Evidence from West Bengal"	Dr. Rintu Nath	Commerce	Administrative Development	June, 2021	2319-2976	https://sccollegednk.ac.in/images/uploads/RN_CDP,%20Com.pdf	Yes
Basic Features & strategies of women's empowerment of a developing urban area - A Case study of Memari Municipality, Purba Bardhaman, West Bengal, India	Suchana Banerjee	Geography	International Journal of Trend in Scientific Research & Development	2020	2456-6470	https://www.ijtsrd.com/papers/ijtsrd38263.pdf	Yes
The Growth & Development of Children's Literature in Australia: A brief survey	Dr. Ramanuj Konar	English	Elementary Education Online	2020	8281-8287	https://ilkogretim-online.org/index.php/pub/article/view/7806	Yes
Delineation of environmental issues in Urban areas of Hooghly District in West bengal	Dr. Basudev Halder	Geography	Elementary Education Online	2020		https://www.bibliomed.org/mnsfulltext/218/218-1624035055.pdf?1722324076	Yes
Studies of Aromatic rice based on genetic paramaters utilizing induced mutants	K.M.Hasib	Botany	International Journal of Botany Studies	2021-22	2455-541X	https://www.botanyjournals.com/assets/archives/2021/vol6issue6/7-7-14-418.pdf	Yes
Compact stellar model in the presence of pressure anisotropy in modified Finch Skea space-time	Piyali Bhar and Pramit Rej	Mathematics	Journal of Astrophysics and Astronomy	2021-2022	0973-7758	https://link.springer.com/article/10.1007/s12036-021-09739-x	Yes
Stable and self consistent charged gravastar model within the framework of $f(R, T)$ gravity	Piyali Bhar and Pramit Rej	Mathematics	The European Physical Journal C	2021-2022	1434-6052	https://link.springer.com/article/10.1140/epjc/s10052-021-09548-0	Yes
Phantom energy-supported wormhole model in $f(R,T)$ gravity assuming conformal motion	Piyali Bhar, Pramit Rej and P. K. Sahoo	Mathematics	International Journal of Modern Physics D	2021-2022	0218-2718	https://www.worldscientific.com/doi/abs/10.1142/S021827182250016X	Yes

Tolman IV fluid sphere in $f(R, T)$ gravity	Piyali Bhar, Prमित Rej and Muhammad Zubair	Mathematics	Chinese Journal of Physics	2021-2022	2309-9097	https://www.sciencedirect.com/science/article/abs/pii/S0577907321002914?via%3Dihub	Yes
Model of hybrid star with baryonic and strange quark matter in Tolman-Kuchowicz spacetime	Prमित Rej and Piyali Bhar	Mathematics	International Journal of Geometric Methods in Modern Physics	2021-2022	0219-8878	https://www.worldscientific.com/doi/10.1142/S0219887822501043	Yes
History of Human Settlement in the Indian Sunderbans, West Bengal: A Historical Background	Arabindu Sardar	History	CLIO-An Annual Interdisciplinary Journal of History	June, 2022	0976-075X	https://scollegednk.ac.in/images/uploads/AS%20UGC%20Care%20Journal%202021-22.pdf	Yes
Empowering Women through alternative livelihood in the coastal areas of the Sunderbans, West Bengal, India	Arabindu Sardar	History	International Journal of Creative Research Thoughts	July, 2022	2320-2882	https://scollegednk.ac.in/images/uploads/AS%20Journal%202022-23.pdf	Yes
Impacts of CDP on MSME sector in West Bengal "An Empirical Study"	Dr. Rintu Nath	Commerce	Research Bulletin	July, 2022	2230-9241	https://scollegednk.ac.in/images/uploads/MSME,%20July2022.pdf	Yes
Niharranjan Gupter Kiriti Roy: Buddhir O Mustir Melbandhan	Dr. Sunetra Banerjee	Bengali	Antarjatik Pathshala	July, 2022	2230-9594	https://scollegednk.ac.in/images/uploads/%E0%A6%95%E0%A6%BF%E0%A6%B0%E0%A7%80%E0%A6%9F%E0%A7%80%20%E0%A6%B0%E0%A6%BE%E0%A6%AF%E0%A6%BC_sunetra%20banerjee.pdf	Yes

2022-2023

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Induction of chlorophyll and morphological mutations through gamma ray in traditional aromatic cultivar Tulaipanja	K.M.Hasib	Botany	Biosciences and Biotechnology Research Asia	2022	2456-2602 (online), 973-1245(print)	https://www.biotech-asia.org/vol19no3/induction-of-chlorophyll-and-morphological-mutations-through-gamma-ray-in-traditional-aromatic-cultivar-tulaipanja/	Yes

Vermicomposting – The Useful Technology for the conversion of bio-degradable wastes into desirable products for plants	K.M.Hasib	Botany	Science and Culture	2022	0636-815	https://scienceandculture-isna.org/uploads/latestIssue/08_Research_Communication_-K_M_Hasib.pdf	Yes
Studies of Internode length and culm anatomy of induced mutants of Aromatic Rice	K.M.Hasib	Botany	Environment and Ecology	2022	0970-0420	https://environmentandecology.com/wp-content/uploads/2024/07/MS24.pdf	Yes
Stepwise regression analysis in induced mutants of Aromatic non-Basmati Rice	K.M.Hasib	Botany	Environment and Ecology	2022	0970-0420	https://environmentandecology.com/wp-content/uploads/2024/07/MS23.pdf	Yes
Isotropic Buchdahl's relativistic fluid sphere within $f(R, T)$ gravity	Piyali Bhar and Pramit Rej	Mathematics	New Astronomy	2022-2023	1384-1076	https://www.sciencedirect.com/science/article/abs/pii/S1384107622001725	Yes
Charged strange star model in Tolman–Kuchowicz spacetime in the background of 5D Einstein–Maxwell–Gauss–Bonnet gravity	Pramit Rej, Abdelghani Errehymy, and Mohammed Daoud	Mathematics	The European Physical Journal C	2022-2023	1434-6052	https://link.springer.com/article/10.1140/epjc/s10052-023-11562-3	Yes
New classes of wormhole model in $f(R, T)$ gravity by assuming conformal motion	Piyali Bhar, Pramit Rej, and Ksh. Newton Singh	Mathematics	New Astronomy	2022-2023	1384-1076	https://www.sciencedirect.com/science/article/abs/pii/S138410762300060X#:~:text=Wormhole%20solutions%20are%20obtained%20by,violated%20for%20positive%20coupling%20parameter.	Yes
Caste, Scourge and Oppression As Tenets of Manual Scavenging	Veera Renuka Lobo	Political Science	Madhya Bharati	2023	0974-0066	https://scollegednk.ac.in/images/uploads/VRL,%20Pol%20sc.pdf	Yes

Asymmetrical Arrangement of Federalism with special reference to India	Silky Pal	Political Science	Bharatiya Siksha Shodh Patrika	2023	0970-7603	https://scollegednk.ac.in/images/uploads/Silky.pdf	Yes
Ecocriticism in Literary Creations with special reference to Kalidasa's Meghdoota	Dr. Anup Pramanik	Sanskrit	Shodha Prabha	2023	0974-8946	https://scollegednk.ac.in/images/uploads/anup%20paper%204.pdf	Yes
Byakaronsmrite Rupojogita Protipadane Ekam Samikshatamakam Alochonam	Partha Chatterjee	Sanskrit	Shodha Prabha	2023	0974-8946	https://scollegednk.ac.in/images/uploads/partha%20Chatterjee%20paper%202.pdf	Yes
Patanjalisommoto Shobdoswarup Sphotobadoscho	Biswajit Pakhira	Sanskrit	Shodha Prabha	2023	0974-8946	https://scollegednk.ac.in/images/uploads/Biswajit%20paper%202.pdf	Yes
Reversible Electrochromic/Electrofluorochromic Dual Switching in Zn (II)-Based Metallo-Supramolecular Polymer Films	Sanjoy Mondal , D. C. Santra, S. Roy, Y. S. L. V. Narayana, T. Yoshida, Y. Ninomiya, and M. Higuchi	Chemistry	ACS Appl. Mater. Interfaces	2023	1944-8244	https://pubs.acs.org/journal/aamick	Yes
Diversity of bees in two crops in an agroforestry ecosystem in Kangsabati South Forest Division, Purulia, West Bengal, India	Pallabi Das, V.P. Uniyal	Zoology	Journal of Threatened Taxa	March, 2022	0974-7907	https://threatenedtaxa.org/index.php/JoTT/article/view/8273/9172	Yes
The Layers and Dimensions of Diaspora in Amitav Ghosh's The Hungry Tide	Ramanuj Konar	English	Journal of Namibian Studies: History Politics Culture	Jan-23	2197-5523	https://namibian-studies.com/index.php/JNS/article/view/7403	Yes