



Pandit Raghunath Murmu Smriti Mahavidyalaya
A Govt. Aided and NAAC accredited Institute
[UG and PG College]

3.3.1.1: Number of Research papers published per teacher in the journals notified on UGC care list during the last Five years

Finding of DVV

- 1) Calendar year publication to be considered.

HEI Input

2022-2023	2021-2022	2020-2021	2019-2020	2018-2019
07	15	14	12	12

Change Input

2022-2023	2021-2022	2020-2021	2019-2020	2018-2019
13	09	08	13	05

Supporting Documents:-

Screenshots of each research articles clearly showing the title of the article, affiliation, name of the journal, year and author's name

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Ref. No.:

Date: 18.08.2024

**Number of Research papers published per teacher in the journals notified on
UGC care list during the last Five years
(2018-2019 to 2022-2023)**

Session	Link to the UGC care research papers front page copy
2018-2019 to 2022-2023	https://prmsmahavidyalaya.ac.in/uploaded-files/f51725feb344bb026ee9f1d00406e637.pdf



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3.3.1.1: Number of Research papers published per teacher in the journals notified on UGC care list during the last Five years

Sl. No	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN	Paper link	Link to the recognition in UGC enlistment of the journal
1	Visco-elastic properties of multi-component mixtures of hockey stick-shaped liquid crystal compounds	Anish Chakraborty	Department Of Physics	Journal of Molecular Liquids	2018	0167-7322 (Print), 1873-3166 (Electronic)	https://www.sciencedirect.com/science/article/abs/pii/S0167732217361329	https://www.sciencedirect.com/journal/journal-of-molecular-liquids
2	Socio-Economic Condition of Kharia Tribes of South-West Bankura of West Bengal	ANUP KUMAR MANDAL	DEPT OF HISTORY	Ajker jodhan	2018	0871-5819	NA	NA
3	A Geo-spatial study for analysing temporal responses of NDVI to rainfall	Arnab Kundu	Department of Geo-Informatics	Singapore Journal of Tropical Geography	2018	1467-9493	https://onlinelibrary.wiley.com/doi/abs/10.1111/sjtg.12217	https://onlinelibrary.wiley.com/journal/14679493
4	Abnormal urbanization in West Bengal: A District Level Study	Jaidul Islam	Department of Geography	Indian Journal of Regional Science	2018	2456-6519	https://scholar.google.co.in/citations?view_op=view_citation&hl=en&user=6wG4FEAAAJ&citation_for_view=6wG4FEAAAJ:YLm7Y9CAgGRC	https://www.indianjournalis.com/jor.aspx?target=ijor&type=home
5	Synthesis, characterisation and biological activity of Copper (II) complexes with NSO donor ligand	Madhumita Hazra	Department of Chemistry	International Journal of Current Research in Life Sciences	2018	2319-9490	https://scholar.google.co.in/scholar?q=Synthesis,+characterisation+and+biological+activity+of+Copper+(II)+complexes+with+NSO+donor+ligand&hl=en&as_sdt=0&as_vis=1&oi=scholar	https://www.journalijcrs.com/about-us
6	A geo-spatial inter-relationship with drainage morphometry, landscapes and NDVI in the context of climate change: a case study over the Varuna river basin (India)	Arnab Kundu	Department of Geo-Informatics	Spatial Information Research	2019	2366-3286	https://link.springer.com/article/10.1007/s41324-019-00264-2	https://link.springer.com/journal/41324
7	Drought assessment for kharif rice using standardized precipitation index (SPI) and vegetation condition index (VCI)	Arnab Kundu	Department of Geo-Informatics	Journal of Agrometeorology	2019	0972-1665	https://journal.agrimetassociation.org/index.php/iam/article/view/230	https://journal.agrimetassociation.org/index.php/iam
8	Comparative analysis of carbon dioxide emission in West Bengal and India	Karick Mondal	Department of Mathematics	International Journal for Research in Engineering Application & Management (IJREAM)	2019	2454-9150	https://iream.org/papers/IJREAMV05I0250004.pdf	https://www.ijream.org/

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9	International Globalization of Santali Literature	Ram Mandi	Department of Santali	JETIR	2019	2349-5162	NA	https://jetir.org/?gad_source=1&gclid=Cj0KCQjw7ZO0BhDYARISAFttChFca4gT0qWbLWAEVRkYQYSC2-m5gt-Na5fyw11g7emCoaEPcVUcaAu-WEALw_wcb
10	Status of large mammalian species in Ugram beat of Nanda Devi Biosphere Reserve (NDBR), Uttarakhand, India.	Subhasis Mahato	Department of Forestry	Journal of Entomology and Zoology Studies	2019	Online ISSN: 2320-7078, Print ISSN: 2349-6800	https://www.entomologyjournal.com/archives/2019/vol7issue1/Parth/7-1-105-977.pdf	https://www.entomologyjournal.com/
11	A Study on Solid Mechanics and Wave Propagation A Mathematical Modeling on Prey-predator System	Tapas Halder	Department of Mathematics	International Journal of Research and Analytical Reviews	2019	E-ISSN 2348-1269, P-ISSN 2349-5138	NA	https://ijrar.org/?gad_source=1&gclid=Cj0KCQjw7ZO0BhDYARISAFttChFca4M0grccv8y6vmmWZ2tve5f5ZuKMqCXRzcpfRaNoRGz5jMaAuNTEALw_wcb
12		Tapas Halder	Department of Mathematics	International Journal of Research and Analytical Reviews	2019	E-ISSN 2348-1269, P-ISSN 2349-5138	NA	https://ijrar.org/?gad_source=1&gclid=Cj0KCQjw7ZO0BhDYARISAFttChFca4M0grccv8y6vmmWZ2tve5f5ZuKMqCXRzcpfRaNoRGz5jMaAuNTEALw_wcb
13	Dielectric investigation on some binary mixtures of hockey-stick-shaped liquid crystal and octyloxy cyanobipheny	Anish Chakraborty	Department Of Physics	Phase Transitions	2019	0141-1594 (Print), 1029-0338 (Online)	https://www.tandfonline.com/doi/abs/10.1080/01411594.2019.1642476	https://www.tandfonline.com/toc/gpht20/current
14	Changing pattern of urban landscape and its effect on land surface temperature in and around Delhi	Amab Kundu	Department of Geo-Informatics	Environmental Monitoring and Assessment	2019	0167-6369	https://link.springer.com/article/10.1007/s10661-019-7645-3	https://link.springer.com/journal/10661
15	An appraisal of flood events using IMD, CRU, and CCSM4-derived meteorological data sets over the Vaigai river basin, Tamil Nadu (India)	Arnab Kundu	Department of Geo-Informatics	Sustainable Water Resources Management	2019	2363-5037	https://link.springer.com/article/10.1007/s40089-019-00325-2	https://link.springer.com/journal/40089

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27	Evaluation of socio-economic drought risk over Bundelkhand region of India using analytic hierarchy process (AHP) and geo-spatial techniques	Arnab Kundu	Department of Geo-Informatics	Journal of the Indian Society of Remote Sensing	2021	0255-660X	https://link.springer.com/article/10.1007/s12524-021-01306-9	https://link.springer.com/journal/12524
28	Forest fire risk mapping using analytical hierarchy process (AHP) and earth observation datasets: a case study in the mountainous terrain of Northeast India	Arnab Kundu	Department of Geo-Informatics	SN Applied Sciences	2021	2523-3971	https://link.springer.com/article/10.1007/s44452-021-04391-0	https://www.springer.com/gp/about-springer/media/press-releases/corporate/first-articles-in-new-sn-applied-sciences-journal-now-online/16274974
29	An alternative approach to delineate wetland influence zone of a tropical intertidal mudflat using geo-information technology	Arnab Kundu	Department of Geo-Informatics	Estuarine, Coastal and Shelf Science	2021	0272-7714	https://www.sciencedirect.com/science/article/abs/pii/S027277142100161X#:~:text=Hydrological%20regimes%20with%20special%20ef	https://www.sciencedirect.com/journal/estuarine-coastal-and-shelf-science
30	Impervious surface growth and its inter-relationship with vegetation cover and land surface temperature in peri-urban areas of Delhi	Arnab Kundu	Department of Geo-Informatics	Urban Climate	2021	2212-0955	https://www.sciencedirect.com/science/article/abs/pii/S2212095521000298	https://www.sciencedirect.com/journal/urban-climate
31	A statistical analysis and prediction of carbon dioxide emission in Himachal Pradesh, Punjab and Haryana states of India	Kartick Mondal	Department of Mathematics	ESEMBLE, A Bi-lingual peer reviewed academic journal	2021	ISSN: 2582-0427 (Online)	https://www.ensembledrms.in/wp-content/uploads/2021/05/ensemble-2020-0202-a001_01-May.pdf	https://www.ensembledrms.in/
32	Biological activity of fluorescent copper complex: Synthesis, crystal structure, DFT and protein binding study	Madhumita Hazra	Department of Chemistry	Journal of Advanced Scientific Research	2021	ISSN-0976-9595	https://scisage.info/index.php/JASR/article/view/626	https://scisage.info/index.php/JASR/article/view/626
33	A few selected sloka of Mundaka Upanisada in light of 21 st Century	Sanghamitra Sinha	Department of Sanskrit	Journal of East-West Thought	2021	2161-7236	NA	https://journals.calstate.edu/jet
34	Regional variation of drought parameters and long-term trends over India using standardized precipitation evapotranspiration index	Arnab Kundu	Department of Geo-Informatics	Journal of Environmental Management	2021	0301-4797	https://www.sciencedirect.com/science/article/abs/pii/S030147972101118X	https://www.sciencedirect.com/journal/journal-of-environmental-management

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35	Investigating forest fragmentation through earth observation datasets and metric analysis in the tropical rainforest area	Arnab Kundu	Department of Geo-Informatics	SN Applied Sciences	2021	2523-3971	https://link.springer.com/article/10.1007/s42452-021-04683-5	https://www.springer.com/gp/about-springer/media/press-releases/corporate/first-articles-in-new-sr-applied-sciences-journal-now-online/16274974
36	Determination of optical birefringence and orientational order parameter of octyloxycyanobiphenyl from a voltage-dependent optical transmission technique	Anish Chakraborty	Department Of Physics	Phase Transitions Journal of the Indian Society of Remote Sensing	2022	0141-1594 (Print), 1029-0338 (Online) 0974-3006	https://www.tandfonline.com/doi/abs/10.1080/01411594.2022.2041016	https://www.tandfonline.com/toc/gpht20/current
37	An Appraisal of Kerala Flood-2019	Arnab Kundu	Department of Geo-Informatics	Journal of the Indian Society of Remote Sensing	2022	0974-3006	https://link.springer.com/article/10.1007/s12524-022-01544-5	https://link.springer.com/journal/12524
38	Evolution of opencast mines in the raniganj coalfield (India): An assessment through multi-temporal satellite data	Arnab Kundu	Department of Geo-Informatics	Journal of the Geological Society of India	2022	0974-6889	https://link.springer.com/article/10.1007/s12594-022-1990-5	https://link.springer.com/journal/12594/volumes-and-issues
39	Prediction and spatial distribution mapping of soil electrical conductivity using geo-statistical method for Mirzapur district, Uttar Pradesh	Arnab Kundu	Department of Geo-Informatics	The Pharma Innovation Journal	2022	2349-8242	https://www.thepharmajournal.com/archive/s/2022/vol11issue85/Partk/S-11-8-49-461.pdf	https://www.thepharmajournal.com/
40	GIS-based multi-criteria approach to delineate groundwater prospect zone and its sensitivity analysis	Arnab Kundu	Department of Geo-Informatics	Applied Water Science	2022	2190-5495	https://link.springer.com/article/10.1007/s13201-022-01585-8	https://link.springer.com/journal/13201
41	Understanding land use/land cover and climate change impacts on hydrological components of Usri watershed, India	Arnab Kundu	Department of Geo-Informatics	Applied Water Science	2022	2190-5495	https://link.springer.com/article/10.1007/s13201-021-01547-6	https://link.springer.com/journal/13201
42	Slums in India: Making Sense of Place in Urban Planning	Jaidul Islam	Department of Geography	GeoJournal	2022	0343-2521	https://link.springer.com/article/10.1007/s10708-020-10357-3	https://link.springer.com/journal/10708

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43	Dispersion of Love-type wave and its Limitation in a nonlocal elastic model of nonhomogeneous layer upon an orthotropic extended medium A practical outlook towards Abhijana Shakuntalam by Kalidasa	Tapas Halder	Department of Mathematics	Soil Dynamics and Earthquake Engineering	2022	107117	https://www.sciencedirect.com/science/article/abs/pii/S026772612100539X	https://www.sciencedirect.com/journal/soil-dynamics-and-earthquake-engineering
44	Assessing vegetation fragmentation and plantation efficiency in an intertidal mudflat of eastern India using Radar Forest Degradation Index and spatial metrics	Sadhan Rudra	Department of English	IJCRT	2022	2320-2882	INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS - IJCRT (IJCRT.ORG)	https://ijcrt.org/papers/IJCRT201166.pdf
45	Spatial and temporal trends of urban green spaces: an assessment using hyper-temporal NDVI datasets	Arnab Kundu	Department of Geo-Informatics	Geocarto International, Taylor and Francis	2022	1010-6049	https://www.tandfonline.com/doi/full/10.1080/10106049.2021.2017014	https://www.tandfonline.com/journals/tgei20
46	Comparative framework for spatially explicit urban growth modeling for monitoring urban land-use efficiency and sustainable urban development (SDG 11.3.1): a study on Kolkata metropolitan area, India	Arnab Kundu	Department of Geo-Informatics	Geocarto International	2022	1010-6049	https://www.tandfonline.com/doi/abs/10.1080/10106049.2021.1989499	https://www.tandfonline.com/journals/tgei20
47	AI Mahmuder Kaviray	Jaidul Islam Pradip Kumar Patra	Department of Geography Department of Bangla	Geocarto International Tabu Ekabab	2022	1752-0762	https://www.tandfonline.com/doi/full/10.1080/10106049.2022.2136259	https://www.tandfonline.com/journals/tgei20
48	Dharamavabna				2022	0976-9463	NA	https://portal.issn.org/ressource/ISSN/0976-9463

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