



HALDIA GOVERNMENT COLLEGE

Estd. 1988

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(First Government General Degree College in Purba Medinipur, West Bengal)

Accredited by NAAC with Grade B+ in 2017

Criterion 3 – Research, Innovations and Extension

Metric No.: 3.3.1[Q_nM]

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

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

Link to re-directing to journal source-cite website

SI No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Calendar Year of publication	Link to website of the Journal
1	Continuity and Change among the Koras of Bindukata: An Ethnographic Re-analysis	Arun Makal, Abhradip Banerjee, Krishnendu Polley, Bhubon Mohan Das	Anthropology	Asian Journal of Social Science	2018	https://brill.com/view/journals/ajss/46/1-2/article-p52_4.xml
2	JOHN KEATS' TO AUTUMN: AN ECOCRITICAL READING	SRIMANTA DAS	English	IMPACT: International Journal of Research in Humanities, Arts and Literature	2018	https://www.impactjournals.us/journals/international-journals/international-journal-of-research-in-humanities-arts-and-literature
3	The Urban Space as an Environmental Problem: Re-Reading T. S. Eliot's Preludes	SRIMANTA DAS	English	IMPACT: International Journal of Research in Humanities, Arts and Literature	2018	https://www.impactjournals.us/journals/international-journals/international-journal-of-research-in-humanities-arts-and-literature
4	From Political Anthropology to Anthropology of Politics: An Introduction	Priti Bhowmick and Pinaki Dey Mullick	Anthropology	International Journal of Advanced Research	2018	https://www.journalijar.com/
5	An EPQ model with variable production rate and markdown policy for stock and sales price sensitive demand with deterioration	Dr. Monami Das Roy	Mathematics	International Journal of Engineering, Science and Mathematics	2018	https://www.ijesm.co.in/
6	A Nonlinear EOQ Model for Time-dependent Demand, Deterioration and Shortages with Inflation.	Dr. Monami Das Roy	Mathematics	International Journal of Management, Technology And Engineering	2018	https://www.ijamtes.org/

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7	Prey-Predator Model with General Holling Type Response Function and Optimal Harvesting Policy	Dr. Dipankar Sadhukhan	Mathematics	International Journal of Mathematics Trends and Technology	2018	https://www.ijmttjournal.org/archive/ijmtt-v53p521
8	The Dimensions of Fieldnotes in Ethnographic Research: An Introduction	Pinaki Dey Mullick and Koel Mukherjee	Anthropology	IOSR Journal Of Humanities And Social Science	2018	https://www.iosrjournals.org/iosr-jhss/pages/archive.html
9	Synthesis and crystal structure of new copper(II) metal complex: Noncovalent interactions and electrical conductance properties	S. Pathak, K. Chakraborty, S. Ghosh, K. Roy, B. Jana, S. Konar	Chemistry	Journal of Molecular Structure	2018	https://www.sciencedirect.com/journal/journal-of-molecular-structure
10	Noncovalent interactions and electrical conductance study of copper(II) coordination complex derived from 2,6-pyridinedicarboxylic acid and aminopyrimidine ligands	S. Pathak , K. Chakraborty , S. Ghosh, S. Das, S. Chatterjee, K. Samanta, S. Konar	Chemistry	JOURNAL OF THE INDIAN CHEMICAL SOCIETY	2018	https://www.journals.elsevier.com/journal-of-the-indian-chemical-society
11	"Ni(II) dimers of NNO donor tridentate reduced schiff base ligands as alkali metal ion capturing agents: syntheses, crystal structures and magnetic properties"	M. Mondal, M. Chakraborty, M. G. B. Drew and A. Ghosh,	Chemistry	Magnetochemistry	2018	https://www.mdpi.com/journal/magnetochemistry
12	Thermal stability of black holes with arbitrary hairs	Aloke Kumar Sinha	Physics	Modern Physics Letters A	2018	https://www.worldscientific.com/worldscinet/mpla
13	Thermal fluctuations and correlations among hairs of a stable quantum black hole: Some examples	Aloke Kumar Sinha,	Physics	Modern Physics Letters A	2018	https://www.worldscientific.com/worldscinet/mpla
14	Terpyridine derivatives as “turn-on” fluorescence chemosensors for the selective and sensitive detection of Zn ²⁺ ions in solution and in live cells	T. Mandal, A. Hossain, A. Dhara, A. A. Masum, S. Konar, S. K. Manna,* S. K. Seth, S. Pathak*and S. Mukhopadhyay	Chemistry	Photochemical & Photobiological Sciences	2018	https://pubs.rsc.org/en/journals/journalissues/pp#?issueid=pp019012&type=archive&issnprint=1474-905x

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15	An Ethnographic Note on the Dimensions of 'Identity' and 'Self' in the Space of Virtual World	Priti Bhowmick and Pinaki Dey Mullick	Anthropology	Scholars Journal of Arts, Humanities and Social Science	2018	https://saspublishers.com/journal/sjahss/archives
16	Role of Polar and Nonpolar Groups in the Activity of Antifreeze Proteins: A Molecular Dynamics Simulation Study	U. S. Midya, S. Bandyopadhyay	Chemistry	The Journal of Physical Chemistry B	2018	https://pubs.acs.org/journal/jpcb/bfk
17	Operation of Kelvin Effect in the Activities of an Antifreeze Protein: A Molecular Dynamics Simulation Study.	U. S. Midya, S. Bandyopadhyay	Chemistry	The Journal of Physical Chemistry B	2018	https://pubs.acs.org/journal/jpcb/bfk
18	Rhodamine-Appended Benzophenone Probe for Trace Quantity Detection of Pd ²⁺ in Living Cells	A. K. Adak, B. Dutta, S. K. Manna, and C. Sinha	Chemistry	ACS OMEGA	2019	https://pubs.acs.org/journal/acsodf
19	Structures, Photoresponse Properties, and Biological Activity of Dicyano-Substituted 4-Aryl-2-pyridone Derivatives	T. Mandal, S. Pathak, A. Dey, M. M. Islam, S. K. Seth, A. A. Masum, J. Ortega-Castro, P. P. Ray, A. Frontera*, and S. Mukhopadhyay*	Chemistry	ACS OMEGA	2019	https://pubs.acs.org/journal/acsodf
20	Nucleophilic rhodanine, thiazolidine-2,4-dione and thiazol-4(5H)-one substrates in asymmetric reactions	S. Paladhi, B. Jana, S. Pathak, S. K. Manna	Chemistry	Arkivoc	2019	https://www.arkat-usa.org/arkivoc-journal/
21	Recent Developments in Fluorometric and Colorimetric Chemodosimeters Targeted towards Hydrazine Sensing: Present Success and Future Possibilities	S. K. Manna, A. Gangopadhyay, K. Maiti, S. Mondal, and A. K. Mahapatra	Chemistry	ChemistrySelect	2019	https://chemistry-europe.onlinelibrary.wiley.com/journal/23656549
22	Quasi stable black holes and their implications	Aloke Kumar Sinha	Physics	Classical and Quantum gravity	2019	https://iopscience.iop.org/journal/0264-9381
23	Conserving the Sacred Lake: People, perception of Kechopalri lake in West Sikkim	Hasibul Rahaman	Sociology	Contemporary Social Sciences, Vol-28, No.-4,(	2019	https://www.tandfonline.com/journals/rsoc21

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				October – December)		
24	Analysis of Urban Growth and its Impact on Environmental Resources: A case study of Haldia Urban Area in West Bengal.	Pijush Kanti Tripathi	Geography	IJFANS International Journal of Food and Nutritional Sciences	2019	https://www.ijfans.org/about
25	Formation of a carbonato bridged Ni4-complex by atmospheric CO2 fixation: Crystal structure and magnetic properties.	M. Mondal, J. Mayans and A. Ghosh	Chemistry	Inorganic Chimica Acta	2019	https://www.sciencedirect.com/journal/inorganica-chimica-acta
26	An Introductory Exposition of Symbolic Anthropology	Pinaki Dey Mullick, Priti Bhowmick, Kundan Ghosh and Paramita Sen	Anthropology	International Journal for Research in Applied Science and Engineering Technology.	2019	https://www.ijraset.com/
27	An Ethnographic Perception on the Consequences of Social Capital, Flood, Resilience, and Disaster Issues in a Rural Setting of West Bengal, India.	Pinaki Dey Mullick, Kundan Ghosh and Paramita Sen	Anthropology	International Journal for Research in Applied Science and Engineering Technology.	2019	https://www.ijraset.com/
28	Integrated Supply Chain Model with Setup Cost Reduction, Exponential Lead Time Crashing Cost, Rework and Uncertain Demand.	Dr. Monami Das Roy	Mathematics	International Journal for Research in Engineering Application & Management (IJREAM)	2019	https://www.ijream.org/
29	Preservation technology investment policy-an inventory model with stock-dependent demand, time-varying holding cost and exponential partial backlogging	Dr. Monami Das Roy	Mathematics	International Journal of Management, IT and Engineering	2019	https://www.indianjournals.com/ijor.aspx?target=ijor:ijmie&type=home

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30	Disaster, Flood, and Ethnography: The Dimensions from Rural West Bengal.	Pinaki Dey Mullick	Anthropology	International Journal of Research and Analytical Reviews	2019	https://www.ijrar.org/viewfull.php?&p_id=IJRAR19K8026
31	Single Species Discrete Age-Structured Population with Variable Fraternity and Age-Dependent Harvesting in Unreserved Area	Dr. Dipankar Sadhukhan	Mathematics	International Journal of Scientific Research and Reviews	2019	http://www.ijssr.org/
32	Elucidation on the Problems of Job Oriented Training Courses in Rural Bengal	Salil Kumar Dutta	Anthropology	Journal of Education and Development	2019	http://www.journaledudev.in/index.html
33	Towards The Trends and Horizons of Disaster and Anthropology: A Brief Outline	Pinaki Dey Mullick	Anthropology	Journal of Emerging Technologies and Innovative Research	2019	https://www.jetir.org/
34	Anthropology and School Education in Indian Context: An Outline	Paramita Sen and Pinaki Dey Mullick	Anthropology	Journal of Emerging Technologies and Innovative Research	2019	https://www.jetir.org/view?paper=JETIR1907829
35	Synthetic and structural investigations of Cd(II) complexes of tetradentate pyrimidine based Schiff base ligand: Insight through non-covalent interactions, TDDFT calculation and Hirshfeld surface analysis	S. Konar, S. K. Datta, M. Dolai, A. Das, S. Pathak, S. Chatterjee, K. Das	Chemistry	Journal of Molecular Structure	2019	https://www.sciencedirect.com/journal/journal-of-molecular-structure
36	Fluorescence sensing and intracellular imaging of Pd ²⁺ ions by a novel coumarinyl-rhodamine Schiff base	A. K. Adak, R. Purkait, S. K. Manna, B. C. Ghosh, S. Pathak and C. Sinha	Chemistry	New Journal of Chemistry	2019	https://pubs.rsc.org/en/journals/journalissues/nj#!recentarticles&adv
37	A colorimetric and “off-on” fluorescent Pd ²⁺	S. Mondal, S. K. Manna, S. Pathak, A. A. Masum	Chemistry	New Journal of Chemistry	2019	https://pubs.rsc.org/en/journals/journalissues/nj#!recentarticles

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	chemosensor based on a rhodamine-ampyrone conjugate: synthesis, experimental and theoretical studies along with in vitro applications	and S. Mukhopadhyay				es&adv
38	Structures, photoresponse properties and DNA binding abilities of 4-(4-pyridinyl)-2-pyridone salts	T. Mandal, A. Dey, S. Pathak, M. M. Islam, S. Konar, J. Ortega-Castro, S. K.Seth, P. P. Ray, A. Frontera and S. Mukhopadhyaya	Chemistry	RSC Advances	2019	https://pubs.rsc.org/en/journal/s/journalissues/ra#!issueid=ra012037&type=current&issnonline=2046-2069
39	Simulating micro-scale thermal interactions in different building environments for mitigating urban heat islands	Soumendu Chatterjee, Ansar Khan, Apurba Dinda, Sk Mithun, Rupali Khatun, Hashem Akbari, Hiroyuki Kusaka, Chandana Mitra, Saad Saleem Bhattii, Quang Van Doan, Yupeng Wang	Geography	Science of The Total Environment	2019	https://www.sciencedirect.com/journal/science-of-the-total-environment
40	We feeling of Kechopalri lake of west Sikkim	Hasibul Rahaman	Sociology	Think India Journal	2019	http://www.thinkindiaquarterly.org
41	Nutritional Status and Lifestyle of the Oraon Scheduled Tribe Population of North 24 Parganas, West Bengal, India.	Tanaya Kundu Chowdhury, Bhubon Mohan Das, Subrata K Roy	Anthropology	Antrocom: Online Journal of Anthropology	2020	http://www.antrocom.net/archives/2020/volume-16-number-2-2020-2.html
42	Anthropometric traits, Body Composition and Physical Fitness Index: A Micro Level Study Among College Students of Haldia, Purba Medinipur, West Bengal.	Bhubon Mohan Das	Anthropology	Antrocom: Online Journal of Anthropology	2020	http://www.antrocom.net/archives/2020/volume-16-number-2-2020-2.html
43	Step edge guided growth of nanowires on three-fold symmetric vicinal Si(111) surfaces	Debolina Das, Tirthankar Choudhury	Physics	Bulletin of Material Science	2020	https://www.springer.com/journal/12034
44	Nirmala and Sonia: the city through embodiment	Dey, S. Shaw, T. and Sengupta, A.	Anthropology	<i>Contemporary South Asia</i>	2020	https://www.tandfonline.com/journals/ccsa20

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45	Effect of Geographical Factors on Food Habitat of India: an overview	Pijush Kanti Tripathi	Geography	IJFANS International Journal of Food and Nutritional Sciences	2020	https://www.ijfans.org/about
46	In situ transformation of a tridentate to a tetradentate unsymmetric Schiff base ligand via deaminative coupling in Ni(II) complexes: crystal structures, magnetic properties and catecholase activity study	M. Mondal, S. Ghosh, S. Maity, S. Giri and A. Ghosh	Chemistry	Inorganic Chemistry Frontiers	2020	https://pubs.rsc.org/en/journals/journalissues/qi#recentarticles&adv
47	A Journey through Crises: An Ethnographer's Note on COVID-19 and Its Dynamics in a Sub-Urban Setting of West Bengal, India	Pinaki Dey Mullick	Anthropology	International Journal of Emerging Technologies and Innovative Research	2020	https://www.jetir.org/view?paper=JETIR2004128
48	Effect of price concession strategy and preservation technology on inventory model for decaying product with partial backlogging and price-stock-dependent demand	Dr. Lakshmi Narayan De and Dr. Piyali Mallick	Mathematics	International Journal of Engineering Research and Technology	2020	http://www.irphouse.com/mec/ijer.htm
49	Lead-time Dependent Ordering Cost Reduction and Trade-credit: A Supply Chain Model with Stochastic Demand and Rework	Dr. Monami Das Roy	Mathematics	International Journal of Recent Technology and Engineering	2020	https://www.ijrte.org/
50	A Study on Teacher's Job Satisfaction And Professional Well-Being	Susmita Basu & Prof. Debasri Banerjee	Education	International Journal of Reseach Culture Society	2020	WWW.IJRCS.ORG
51	Gompertzian law of growth for reserved area fishery model with non-selective harvesting in	Dr. Dipankar Sadhukhan	Mathematics	Journal of Mathematical and	2020	http://scik.org/index.php/jmcs/issue/view/192

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	unreserved area			Computational Science		
52	A study of inventory model for deteriorating items with price and stock dependent demand under the joint effect of preservation technology and price discount facility	Dr. Lakshmi Narayan De	Mathematics	Journal of Mathematical and Computational Science	2020	http://scik.org/index.php/jmcs/article/view/4667
53	Economic order quantity model for a product with expiration date, limited shelf space and freshness dependent selling price under the effect of trade credit financing.	Dr. Lakshmi Narayan De	Mathematics	Journal of Mathematical and Computational Science	2020	http://scik.org/index.php/jmcs/article/view/4857
54	Investigation of electrical conductance properties, non-covalent interactions and TDDFT calculation of a newly synthesized copper(II) metal complex”	S. Pramanik, S. Konar*, K. Chakraborty, T. Pal, S. Das, S. Chatterjee, M. Dolai and S. Pathak*,	Chemistry	Journal of Molecular Structure	2020	https://www.sciencedirect.com/journal/journal-of-molecular-structure
55	Band engineering of non-hexagonal 2D tetragonal-silicene sheet and nanoribbons: A theoretical approach	Niladri Sekhar Mondal, Subhadip Nath, Debnarayan Jana, Nanda Kumar Ghosh	Physics	Journal of Physics and Chemistry of Solids	2020	http://www.elsevier.com/locate/jpcs
56	Probabilistic Inventory model under flexible trade credit plane depending upon ordering amount.	Dr. Piyali Mallick and Dr. Lakshmi Narayan De	Mathematics	Mathematics and Statistics	2020	https://www.hrpub.org/journals/jour_info.php?id=34
57	Phase transition in decaying black holes	Aloke Kumar Sinha	Physics	Modern Physics Letters A	2020	https://www.worldscientific.com/worldscinet/mpla
58	Chromogenic and fluorogenic “off–on–off” chemosensor for selective and sensitive detection of aluminum (Al ³⁺) and bifluoride (HF ₂ ⁻) ions in solution and in living Hep G2 cells: synthesis, experimental and theoretical studies	S. Pramanik, S. K. Manna, S. Pathak, D. Mondal, K. Pal, S. Mukhopadhyay.	Chemistry	New Journal of Chemistry	2020	https://pubs.rsc.org/en/journals/journalissues/nj#recentarticles&adv

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59	A “turn-on” fluorescent and colorimetric chemodosimeter for selective detection of Au ³⁺ ions in solution and in live cells via Au ³⁺ -induced hydrolysis of a rhodamine-derived Schiff base,	S. Mondal, S. K. Manna, S. Pathak, A. Ghosh, P. Datta, D. Mandal and S. Mukhopadhyay	Chemistry	New Journal of Chemistry	2020	https://pubs.rsc.org/en/journals/journalissues/nj#!recentarticles&advv
60	Cultural Tourist Destination of Kechopalri lake of Sikkim : A Sociological Study.	Hasibul Rahaman	Sociology	Our Heritage Journal, Vol 68, Issue 1, January	2020	https://archives.ourheritagejournal.com/index.php/oh
61	Mobile inter-site bipolarons in presence of long-range interactions	Niladri Sekhar Mondal, Subhadip Nath	Physics	Physica B: Physics of Condensed Matter	2020	https://www.sciencedirect.com/journal/physica-b-condensed-matter
62	Application of two Cu(II)-azido based 1D coordination polymers in optoelectronic device: Structural characterization and experimental studies	M. Mondal, S. Jana , M. G.B. Drew , A. Ghosh	Chemistry	Polymer	2020	https://www.journals.elsevier.com/polymer
63	Travails with Motherhood: An Auto-ethnographic Exploration of Being a Mother	Ananya Chatterjee	Sociology	SOCIAL TRENDS Journal of the Department of Sociology of North Bengal University	2020	http://socialtrendsnbu.in/
64	Caste and Occupational Mobility : The case of Karmakars of North Bengal Village	Hasibul Rahaman	Sociology	Studies in Indian Place Names	2020	http://www.tpsindia.org
65	Capability Approach to the analysis of child deprivation in India: Focus on inter-state variation	Dr. Gautam Bhowmik, Soumendra Kishore Dutta	Economics	Vidyasagar University Journal of Economics	2020	http://inet.vidyasagar.ac.in:8080/jspui/handle/123456789/91
66	Recent advances in selective formaldehydedetection in biological and environmental samples by fluorometric and colorimetric chemodosimeters	S. K. Manna,* T. K. Achar and S. Mondal	Chemistry	Analytical Methods	2021	https://pubs.rsc.org/en/journals/journalissues/ay#!recentarticles&advv

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67	Sequential growth of self-organized epitaxial FeSi ₂ and CoSi ₂ nanostructures on Si (111) 7×7 surfaces	J.C. Mahato, Debolina Das, Arindam Pal, Prabir Pal, B. N. Dev	Physics	Appl. Surface Science	2021	https://www.sciencedirect.com/journal/applied-surface-science
68	Electric field-induced electronic-thermoelectric-optical properties of typical isoelectronic HNC6 monolayers: A theoretical study	Niladri Sekhar Mondal, Subhadip Nath, Suman Chowdhury, Debnarayan Jana	Physics	Applied Surface Science	2021	www.elsevier.com/locate/apsusc
69	An Expedite Synthesis of Some Angularly Fused Novel 'U'-Shaped Tetracyclic Furophenanthraquinones Simulating ABCD Rings of Isotanshinone-II,	K. Samanta, A. Sarkar, A. K. Sarkar, G. K. Kar,	Chemistry	ChemistrySelect	2021	https://chemistry-europe.onlinelibrary.wiley.com/journal/23656549
70	Large-sample tests for comparing Likert-type scale data	T. Bhattacharya and A. Sengupta	Statistics	Communication in Statistics-Theory and Methods	2021	https://www.tandfonline.com/journals/Ista20
71	A prey-predator model with Holling type IV response function under deterministic and stochastic environment	Dr. Dipankar Sadhukhan	Mathematics	Communications in Mathematical Biology and Neuroscience	2021	https://scik.org/index.php/cmbn/issue/view/197
72	Optimizing a supply chain problem with nonlinear penalty costs for early and late delivery under generalized lead time distribution.	Dr. Monami Das Roy and Prof. Bhaba R. Sarker	Mathematics	Computers & Industrial Engineering	2021	https://www.sciencedirect.com/journal/computers-and-industrial-engineering
73	An aggregation-induced emission (AIE)-active fluorescent chemodosimeter for selective sensing of hypochlorite in water and solid state: Endogenous detection of hypochlorite in live cells,	S. K. Samanta, K. Maiti, S. K. Manna, S. S. Ali, U. N. Guria, A. Ghosh, P. Datta and A. K. Mahapatra,	Chemistry	Dyes and Pigments	2021	https://www.sciencedirect.com/journal/dyes-and-pigments
74	Impact of COVID-19 Pandemic on Psychological Health of the Elderly Population in West Bengal	Dolai, M.C., Jana S., Maiti A.K., Adak A., Mishra, N., Murtaja M. and Bera K.	Anthropology	Indian Journal of Gerontology	2021	https://www.indianjournals.com/ijor.aspx?target=ijor:iig&type=home

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75	Prevalence of hypertension and its socio-demographic correlates: A micro level study among Santals of Bankura district, West Bengal, India	Bhubon Mohan Das, Tanaya Kundu Chowdhury, Arupendra Mozumdar, Subrata Kumar Roy	Anthropology	International Journal of Anthropology	2021	https://pontecorbolipress.com/journals/index.php/ija/article/view/122
76	Effect of advance payment on an inventory model for a deteriorating item considering expiration time of product, restricted shelf space and age dependent selling price with discount facility.	Dr. Lakshmi Narayan De	Mathematics	Journal of Mathematical and Computational Science	2021	http://scik.org/index.php/jmcs/article/view/6727
77	Silicon nanodots via sputtering of Si(111)-7x7 surfaces and post-annealing	J. C. Mahato, Debolina Das, R. Batabyal, Anupam Roy, B.N.Dev	Physics	Materials Today: Proceedings	2021	https://www.sciencedirect.com/journal/materials-today-proceedings
78	Thermodynamics of asymptotically flat Reissner Nordstrom black hole	Aloke Kumar Sinha	Physics	Modern Physics Letters A	2021	https://www.worldscientific.com/worldscinet/mpla
79	Dying AdS Schwarzschild black hole	Aloke Kumar Sinha	Physics	Modern Physics Letters A	2021	https://www.worldscientific.com/worldscinet/mpla
80	Name Reactions: Strategies in Design of Chemodosimeters for Analyte Detection	A. Maiti, S. K. Manna, D. Banik, A. K. Mahapatra,	Chemistry	New Journal of Chemistry	2021	https://pubs.rsc.org/en/journals/journalissues/nj#!recentarticles&adv
81	A xanthene-based novel colorimetric and fluorometric chemosensor for the detection of hydrazine and its application in the bio-imaging of live cells	U.N. Guria, S. K. Manna, K. Maiti, S. K. Samanta, A. Ghosh, P. Datta, D. Mandal and A. K. Mahapatra	Chemistry	New Journal of Chemistry	2021	https://pubs.rsc.org/en/journals/journalissues/nj#!recentarticles&adv
82	An experimental and theoretical exploration of supramolecular interactions and photoresponse properties of two Ni(II) complexes	S. Pramanik, S. Pathak, S. Jana, M. Mondal, A. Frontera, S. Mukhopadhyay	Chemistry	New Journal of Chemistry	2021	https://pubs.rsc.org/en/journals/journalissues/nj#!recentarticles&adv
83	Diverse synthesis of pyrrolo/indolo [3,2-c]coumarins as isolamellarin-A scaffolds: a brief update	K. Samanta, P. Patra, G. K. Kar, S. K. Dinda, D. S. Mahanty	Chemistry	New Journal of Chemistry	2021	https://pubs.rsc.org/en/journals/journalissues/nj#!recentarticles&adv
84	Inter-dependent lead-time and ordering cost reduction strategy: a	Dr. Monami Das Roy and Dr. Shib Sankar Sana.	Mathematics	Opsearch	2021	https://www.springer.com/journal/12597

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	supply chain model with quality control, lead-time dependent backorder and price-sensitive stochastic demand					
85	First-principles study of the optical and thermoelectric properties of tetragonal-silicene	Niladri Sekhar Mondal, Subhadip Nath, Nanda Kumar Ghosh, Debnarayan Jana	Physics	Physical Chemistry Chemical Physics	2021	https://www.rsc.org/journals-books-databases/about-journals/pccp/
86	Production rate and lot-size dependent lead time reduction strategies in a supply chain model with stochastic demand, controllable setup cost and trade-credit financing	Dr. Monami Das Roy and Dr. Shib Sankar Sana.	Mathematics	RAIRO-Operations Research	2021	https://www.rairo-ro.org/
87	Monitoring Metropolitan Growth Dynamics for Achieving Sustainable Urbanization (SDG 11.3) in Kolkata Metropolitan Area, India	Sk Mithun, Meheub Sahana, Subrata Chattopadhyay , Brian Alan Johnson, Khaled Mohamed Khedher, and Ram Avtar	Geography	Remote Sensing	2021	https://www.mdpi.com/journal/remotesensing
88	Caring Fathers: Reflecting Lived Experiences of Fathers having Children with Disabilities	Moutan Roy	Sociology	RESEARCH HUB International Multidisciplinary Research Journal	2021	https://old.rhimrj.co.in/past-issue/2021/08/
89	Multi-echelon green supply chain model with random defectives, remanufacturing and rework under setup cost reduction and variable transportation cost	Dr. Monami Das Roy and Dr. Shib Sankar Sana.	Mathematics	Sādhana	2021	https://www.springer.com/journal/12046
90	Rediscovering The Issue of Child Marriage And The School Drop[-Out Problem against The Interplay of The Socio Economic Factors in The Rural Corners of West Bengal: A Village Level Study of East Medinipur	Dr.Tithi Bose and Dr.Moumita Gupta	Economics	<i>Shodh Sarita, Vol.8, Issue.29,</i>	2021	http://seresearchfoundation.in/
91	Recent development of chromogenic and fluorogenic chemosensors for the detection of arsenic species:	D. Banik, S. K. Manna*and A.K. Mahapatra*,	Chemistry	SPECTROCHIMICA ACTA PART A: MOLECULAR	2021	https://www.sciencedirect.com/journal/spectrochimica-acta-part-a-molecular-and-

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	Environmental and biological applications.			AND BIOMOLECULAR SPECTROSCOPY		biomolecular-spectroscopy
92	Spiropyran–Merocyanine Based Photochromic Fluorescent Probes: Design, Synthesis, and Applications	M. Mandal, D. Banik, A. Karak, S. K. Manna, and A. K. Mahapatra*	Chemistry	ACS OMEGA	2022	https://pubs.acs.org/journal/acsofd
93	Triphenylamine-based small-molecule fluorescent probes	A. Karak, S. K. Manna, A. K. Mahapatra,	Chemistry	Analytical Methods	2022	https://pubs.rsc.org/en/journal/s/journalissues/ay#!recentarticles&adv
94	Awareness and Attitudes toward COVID-19 Pandemic among Elderly Population of West Bengal	Dolai, M.C., Jana, S., Maiti, A.K., Adak, A., Alam, Sk.M., Bera, K.	Anthropology	<i>Asian Pacific Journal of Health Sciences</i>	2022	https://www.apjhs.com/index.php/apjhs
95	Recent Advancements in Colorimetric and Fluorescent pH Chemosensors: From Design Principles to Applications	D. Banik, S. K. Manna,* A. Maiti, A. K. Mahapatra*	Chemistry	Critical Reviews in Analytical Chemistry	2022	https://www.tandfonline.com/action/journalInformation?journalCode=batc20
96	Revealing the supramolecular features of two Zn(II) complexes derived from a new hydrazone ligand: a combined crystallographic, theoretical and antibacterial study	S. Pramanik, A. Hossain, S. Pathak, S. Ghosh Chowdhury, P. Karmakar, A. Frontera * and S. Mukhopadhyay	Chemistry	Crystal Engineering Communication	2022	https://pubs.rsc.org/en/journal/s/journalissues/ce#!recentarticles&adv
97	Syntheses, crystal structures and supramolecular assemblies of two Cu(II) complexes based on a new heterocyclic ligand: insights into C-H...Cl and $\pi\cdots\pi$ interactions	S. Pramanik, S. Pathak, A. Frontera, S. Mukhopadhyay	Chemistry	Crystal Engineering Communication	2022	https://pubs.rsc.org/en/journal/s/journalissues/ce#!recentarticles&adv
98	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	Sk Mithun, Mehebab Sahana, Subrata Chattopadhyay, Soumendu Chatterjee, Jaidul Islam and Romulus Costach	Geography	GEOCARTO INTERNATIONAL	2022	https://www.tandfonline.com/journals/tgei20

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99	Slums in India: making sense of place in urban planning	Jaidul Islam, Md. Julfikar Ali & Sk Mithun	Geography	GeoJournal	2022	https://www.springer.com/journal/10708
100	Sleep Duration, Socio-demography and Health: An Exploratory Study	Bhubon Mohan Das, Tanaya Kundu Chowdhury, Subrata Kumar Roy	Anthropology	<i>International Journal of Anthropology</i>	2022	https://link.springer.com/journal/11599/volumes-and-issues
101	Food chain model with logistic growth and selective optimal harvesting under fuzzy environment	Dr. Dipankar Sadhukhan	Mathematics	Journal of Mathematical and Computational Science	2022	http://scik.org/index.php/jmcs/issue/view/206
102	Exploration of supramolecular and theoretical aspects of two new Cu(II) complexes: On the importance of lone pair... π (chelate ring) and π ... π (chelate ring) interactions”	S. Pramanik, S. Pathak, A. Frontera, S. Mukhopadhyay	Chemistry	Journal of Molecular Structure	2022	https://www.sciencedirect.com/journal/journal-of-molecular-structure
103	OPINION OF THE COLLEGE TEACHERS ON NATIONAL EDUCATION POLICY-2020 IN PURBA MEDINIPUR DISTRICT OF WEST BENGAL – A CASE STUDY.	Pijush Kanti Tripathi	Geography	Journal of Population Therapeutics and Clinical Pharmacology,	2022	https://jptcp.com/index.php/jptcp
104	Relation between Social Discrimination, Religion and Covid-19 Pandemic: The Case of Bengal Villages.	Hasibul Rahaman	Sociology	Journal of Purakala, Vol.-31, Issue.-2	2022	https://www.purakala.com/index.php/0971-2143
105	Job Satisfaction Among Government College Teachers In Purb Medinipur District - A Case Study	Pijush Kanti Tripathi	Geography	Journal of Survey in Fisheries Sciences	2022	https://sifisheressciences.com/index.php/journal/about
106	Analysis Of Female Work Participation In Midnapore Town Of West Bengal: A Case Study	Pijush Kanti Tripathi	Geography	Journal of Survey in Fisheries Sciences	2022	https://sifisheressciences.com/index.php/journal/about
107	Hawking decay and thermodynamic transformation of a black hole: two examples	Aloke Kumar Sinha	Physics	Journal of the Korean Physical Society	2022	https://www.springer.com/journal/40042

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108	Challenges and Barriers of Humanitarian Aid after YAAS: A Qualitative Post-Disaster Study in West Bengal	Dey, S. and Shaw, T.	Anthropology	<i>Mukt Shabd Journal</i>	2022	https://shabdbooks.com/
109	Recent advances in tin ion detection using fluorometric and colorimetric chemosensors	S. K. Manna,* S. Mondal,* B. Jana, K. Samanta,	Chemistry	New Journal of Chemistry	2022	https://pubs.rsc.org/en/journal/s/journalissues/nj#!recentarticles&adv
110	Transition metal-free advanced synthetic approaches for isoindolinones and their fused analogue	S. Samanta, A. Ali, A. Bera, S. Giri, K. Samanta	Chemistry	New Journal of Chemistry	2022	https://pubs.rsc.org/en/journal/s/journalissues/nj#!recentarticles&adv
111	A benzothiazole-based dual reaction site fluorescent probe for the selective detection of hydrazine in water and live cells,	A. Maiti,S. K. Manna,S. Halder, M. Mandal, A. Karak, D.Banik, K. Jana, A. K. Mahapatra	Chemistry	Organic and Biomolecular Chemistry	2022	https://pubs.rsc.org/en/journal/s/journalissues/ob#!recentarticles&adv
112	A Brief Review on the Synthesis of Pyrrolo[2,3-c]coumarins, including Lamellarin and Ningalin Scaffolds	P. Patra,S. Manna,S. Patra, K. Samanta and D. Roy	Chemistry	Organic Preparations and Procedures International	2022	https://www.tandfonline.com/journals/uopp20
113	Identifying Suitable Location for Surface Rainwater Harvesting Using GIS and Analytical Hierarchy Process	Sarbeswar Haldar & Dr. Arijit Majumder	Geography	Papers in Applied Geography	2022	https://www.tandfonline.com/journals/rpag20