



# **HALDIA GOVERNMENT COLLEGE**

*Estd. 1988*

P.O.-Debhog, Dist.-Purba Medinipur, West Bengal, Pin-721657

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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<sub>n</sub>M]**

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

## **Link to the Papers published in journals listed in UGC CARE list**

| Sl No. | Title of paper                                                                                                               | Name of the author/s                                               | Department of the teacher | Name of journal                                                              | Calendar Year of publication | Link to article / paper / abstract of the article                                                                                                                                                                                                                                                                                                                                                                                                                             |
|--------|------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|---------------------------|------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                         | <a href="https://doi.org/10.1163/15685314-04601004">https://doi.org/10.1163/15685314-04601004</a>                                                                                                                                                                                                                                                                                                                                                                             |
| 2      | JOHN KEATS' TO AUTUMN: AN ECOCRITICAL READING                                                                                | SRIMANTA DAS                                                       | English                   | IMPACT: International Journal of Research in Humanities, Arts and Literature | 2018                         | <a href="https://oaji.net/articles/2017/488-1537446628.pdf">https://oaji.net/articles/2017/488-1537446628.pdf</a>                                                                                                                                                                                                                                                                                                                                                             |
| 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                         | <a href="https://scholar.google.com/scholar?as_q=The+Urban+Space+as+an+Environmental+Problem%3A+Re-Reading+T.+S.+Eliot%E2%80%99s+Preludes">https://scholar.google.com/scholar?as_q=The+Urban+Space+as+an+Environmental+Problem%3A+Re-Reading+T.+S.+Eliot%E2%80%99s+Preludes</a>                                                                                                                                                                                               |
| 4      | From Political Anthropology to Anthropology of Politics: An Introduction                                                     | Priti Bhowmick and Pinaki Dey Mullick                              | Anthropology              | International Journal of Advanced Research                                   | 2018                         | <a href="https://www.journalijar.com/article/24157/from-political-anthropology-to-anthropology-of-politics-an-introduction/">https://www.journalijar.com/article/24157/from-political-anthropology-to-anthropology-of-politics-an-introduction/</a>                                                                                                                                                                                                                           |
| 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                         | <a href="https://www.ijesm.co.in/abstract.php?article_id=5329&amp;title=AN%20EPQ%20MODEL%20WITH%20VARIABLE%20PRODUCTION%20RATE%20AND%20MARKDOWN%20POLICY%20FOR%20STOCK%20AND%20SALES%20PRICE%20SENSITIVE%20DEMAND%20WITH%20DETERIORATION">https://www.ijesm.co.in/abstract.php?article_id=5329&amp;title=AN%20EPQ%20MODEL%20WITH%20VARIABLE%20PRODUCTION%20RATE%20AND%20MARKDOWN%20POLICY%20FOR%20STOCK%20AND%20SALES%20PRICE%20SENSITIVE%20DEMAND%20WITH%20DETERIORATION</a> |
| 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                         | <a href="https://www.ijamtes.org/gallery/180-dec.pdf">https://www.ijamtes.org/gallery/180-dec.pdf</a>                                                                                                                                                                                                                                                                                                                                                                         |

| Sl No. | Title of paper                                                                                                                                                      | Name of the author/s                                                                                            | Department of the teacher | Name of journal                                            | Calendar Year of publication | Link to article / paper / abstract of the article                                                                                                                                                     |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|---------------------------|------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                         | <a href="https://www.ijmtjournal.org/archive/ijmtt-v53p521">https://www.ijmtjournal.org/archive/ijmtt-v53p521</a>                                                                                     |
| 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                         | <a href="https://www.iosrjournals.org/iosr-jhss/papers/Vol.%2023%20Issue5/Version-10/E2305103135.pdf">https://www.iosrjournals.org/iosr-jhss/papers/Vol.%2023%20Issue5/Version-10/E2305103135.pdf</a> |
| 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                         | <a href="https://doi.org/10.1016/j.molstruc.2017.09.071">https://doi.org/10.1016/j.molstruc.2017.09.071</a>                                                                                           |
| 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                         | <a href="https://zenodo.org/record/5637864">https://zenodo.org/record/5637864</a>                                                                                                                     |
| 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                         | <a href="https://doi.org/10.3390/magnetochemistry4040051">https://doi.org/10.3390/magnetochemistry4040051</a>                                                                                         |
| 12     | Thermal stability of black holes with arbitrary hairs                                                                                                               | Aloke Kumar Sinha                                                                                               | Physics                   | Modern Physics Letters A                                   | 2018                         | <a href="https://www.worldscientific.com/doi/abs/10.1142/S0217732318500311">https://www.worldscientific.com/doi/abs/10.1142/S0217732318500311</a>                                                     |
| 13     | Thermal fluctuations and correlations among hairs of a stable quantum black hole: Some examples                                                                     | Aloke Kumar Sinha,                                                                                              | Physics                   | Modern Physics Letters A                                   | 2018                         | <a href="https://www.worldscientific.com/doi/abs/10.1142/S0217732318501900">https://www.worldscientific.com/doi/abs/10.1142/S0217732318501900</a>                                                     |
| 14     | Terpyridine derivatives as “turn-on” fluorescence chemosensors for the selective and sensitive detection of Zn <sup>2+</sup> 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                         | <a href="https://doi.org/10.1039/C8PP00186C">https://doi.org/10.1039/C8PP00186C</a>                                                                                                                   |

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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                         | <a href="https://www.saspublishers.com/article/17849/">https://www.saspublishers.com/article/17849/</a>                                                                                                   |
| 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                         | <a href="https://doi.org/10.1021/acs.jpcc.8b08506">https://doi.org/10.1021/acs.jpcc.8b08506</a>                                                                                                           |
| 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                         | <a href="https://doi.org/10.1021/acs.jpcc.8b00846">https://doi.org/10.1021/acs.jpcc.8b00846</a>                                                                                                           |
| 18     | Rhodamine-Appended Benzophenone Probe for Trace Quantity Detection of Pd <sup>2+</sup> in Living Cells                                            | A. K. Adak, B. Dutta, S. K. Manna, and C. Sinha                                                                                     | Chemistry                 | ACS OMEGA                                                         | 2019                         | <a href="https://doi.org/10.1021/acs.omega.9b01860">https://doi.org/10.1021/acs.omega.9b01860</a>                                                                                                         |
| 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                         | <a href="https://doi.org/10.1021/acs.omega.9b00289">https://doi.org/10.1021/acs.omega.9b00289</a>                                                                                                         |
| 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                         | <a href="https://doi.org/10.24820/ark.5550190.p010.911">https://doi.org/10.24820/ark.5550190.p010.911</a>                                                                                                 |
| 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                         | <a href="https://doi.org/10.1002/slct.201803685">https://doi.org/10.1002/slct.201803685</a>                                                                                                               |
| 22     | Quasi stable black holes and their implications                                                                                                   | Aloke Kumar Sinha                                                                                                                   | Physics                   | Classical and Quantum gravity                                     | 2019                         | <a href="https://iopscience.iop.org/article/10.1088/1361-6382/aafa57/meta">https://iopscience.iop.org/article/10.1088/1361-6382/aafa57/meta</a>                                                           |
| 23     | Conserving the Sacred Lake: People, perception of Kechopalri lake in West Sikkim                                                                  | Hasibul Rahaman                                                                                                                     | Sociology                 | Contemporary Social Sciences, Vol-28, No.-4,( October – December) | 2019                         | <a href="https://www.haldiagovtcollege.org.in/naacdoks/2019_ContentemporarySocialSciences_HRahaman.pdf">https://www.haldiagovtcollege.org.in/naacdoks/2019_ContentemporarySocialSciences_HRahaman.pdf</a> |
| 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                         | <a href="https://www.ijfans.org/issue-content/analysis-of-urban-growth-and-its-impact-">https://www.ijfans.org/issue-content/analysis-of-urban-growth-and-its-impact-</a>                                 |

| Sl No. | Title of paper                                                                                                                                          | Name of the author/s                                              | Department of the teacher | Name of journal                                                                     | Calendar Year of publication | Link to article / paper / abstract of the article                                                                                                                                                                     |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|---------------------------|-------------------------------------------------------------------------------------|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|        |                                                                                                                                                         |                                                                   |                           |                                                                                     |                              | <a href="#">onenvironmental-resources-a-case-study-of-haldia-urban-area-in-west-bengal-6728</a>                                                                                                                       |
| 25     | Formation of a carbonato bridged Ni <sup>4+</sup> -complex by atmospheric CO <sub>2</sub> fixation: Crystal structure and magnetic properties.          | M. Mondal, J. Mayans and A. Ghosh                                 | Chemistry                 | Inorganic Chimica Acta                                                              | 2019                         | <a href="https://doi.org/10.1016/j.ica.2019.119175">https://doi.org/10.1016/j.ica.2019.119175</a>                                                                                                                     |
| 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                         | <a href="https://www.ijraset.com/fileserve.php?FID=24222">https://www.ijraset.com/fileserve.php?FID=24222</a>                                                                                                         |
| 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                         | <a href="https://www.ijraset.com/fileserve.php?FID=24351">https://www.ijraset.com/fileserve.php?FID=24351</a>                                                                                                         |
| 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                         | <a href="http://ijream.org/papers/IJREAMV05I0149254.pdf">http://ijream.org/papers/IJREAMV05I0149254.pdf</a>                                                                                                           |
| 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                         | <a href="https://www.indianjournals.com/ijor.aspx?target=ijor:ijmie&amp;volume=9&amp;issue=1&amp;article=021">https://www.indianjournals.com/ijor.aspx?target=ijor:ijmie&amp;volume=9&amp;issue=1&amp;article=021</a> |
| 30     | Disaster, Flood, and Ethnography: The Dimensions from Rural West Bengal.                                                                                | Pinaki Dey Mullick                                                | Anthropology              | International Journal of Research and Analytical Reviews                            | 2019                         | <a href="http://doi.org/10.1729/Journal.23002">http://doi.org/10.1729/Journal.23002</a>                                                                                                                               |
| 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                         | <a href="http://www.ijssr.org/download/2630.php">http://www.ijssr.org/download/2630.php</a>                                                                                                                           |
| 32     | Elucidation on the Problems of Job Oriented Training Courses in Rural Bengal                                                                            | Salil Kumar Dutta                                                 | Anthropology              | Journal of Education and Development                                                | 2019                         | <a href="http://www.journaledudev.in/journal/Vol-">http://www.journaledudev.in/journal/Vol-</a>                                                                                                                       |

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|        |                                                                                                                                                                                                              |                                                                                                                                |                           |                                                          |                              | <a href="#">9%20June%202019.pdf</a>                                                                           |
| 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                         | <a href="https://www.jetir.org/papers/JETIR1903149.pdf">https://www.jetir.org/papers/JETIR1903149.pdf</a>     |
| 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                         | <a href="https://www.jetir.org/papers/JETIR1907829.pdf">https://www.jetir.org/papers/JETIR1907829.pdf</a>     |
| 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                         | <a href="https://doi.org/10.1016/j.molstruc.2018.10.073">https://doi.org/10.1016/j.molstruc.2018.10.073</a>   |
| 36     | Fluorescence sensing and intracellular imaging of Pd <sup>2+</sup> 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                         | <a href="https://doi.org/10.1039/C8NJ06511J">https://doi.org/10.1039/C8NJ06511J</a>                           |
| 37     | A colorimetric and “off-on” fluorescent Pd <sup>2+</sup> chemosensor based on a rhodamine-ampyrone conjugate: synthesis, experimental and theoretical studies along with in vitro applications               | S. Mondal, S. K. Manna, S. Pathak, A. A. Masum and S. Mukhopadhyay                                                             | Chemistry                 | New Journal of Chemistry                                 | 2019                         | <a href="https://doi.org/10.1039/C8NJ05194A">https://doi.org/10.1039/C8NJ05194A</a>                           |
| 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                         | <a href="https://doi.org/10.1039/C9RA00666D">https://doi.org/10.1039/C9RA00666D</a>                           |
| 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,                       | Geography                 | Science of The Total Environment                         | 2019                         | <a href="https://doi.org/10.1016/j.scitotenv.2019.01.299">https://doi.org/10.1016/j.scitotenv.2019.01.299</a> |

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|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|---------------------------|---------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|        |                                                                                                                                                                                                              | Chandana Mitra, Saad Saleem Bhattii, Quang Van Doan, Yupeng Wang |                           |                                                               |                              |                                                                                                                                                                                                                                           |
| 40     | We feeling of Kechopalri lake of west Sikkim                                                                                                                                                                 | Hasibul Rahaman                                                  | Sociology                 | Think India Journal                                           | 2019                         | <a href="https://thinkindiaquarterly.org/index.php/think-india/article/view/19356">https://thinkindiaquarterly.org/index.php/think-india/article/view/19356</a>                                                                           |
| 41     | Nutritional Status and Lifestyle of the Oraon Scheduled Tribe Population of North 24 Parganas, West Bengal, India.                                                                                           | Tanaya Kundu Chowdhury, Bhupon Mohan Das, Subrata K Roy          | Anthropology              | Antrocom: Online Journal of Anthropology                      | 2020                         | <a href="http://www.antrocom.net/archives/2020/160220/027-Antrocom.pdf">http://www.antrocom.net/archives/2020/160220/027-Antrocom.pdf</a>                                                                                                 |
| 42     | Anthropometric traits, Body Composition and Physical Fitness Index: A Micro Level Study Among College Students of Haldia, Purba Medinipur, West Bengal.                                                      | Bhupon Mohan Das                                                 | Anthropology              | Antrocom: Online Journal of Anthropology                      | 2020                         | <a href="http://www.antrocom.net/archives/2020/160220/014-Antrocom.pdf">http://www.antrocom.net/archives/2020/160220/014-Antrocom.pdf</a>                                                                                                 |
| 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                         | <a href="https://doi.org/10.1007/s12034-020-2037-4">https://doi.org/10.1007/s12034-020-2037-4</a>                                                                                                                                         |
| 44     | Nirmala and Sonia: the city through embodiment                                                                                                                                                               | Dey, S. Shaw, T. and Sengupta, A.                                | Anthropology              | <i>Contemporary South Asia</i>                                | 2020                         | <a href="https://www.tandfonline.com/doi/full/10.1080/09584935.2020.1842858">https://www.tandfonline.com/doi/full/10.1080/09584935.2020.1842858</a>                                                                                       |
| 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                         | <a href="https://www.ijfans.org/issue-content/effect-of-geographical-factors-on-food-habitat-of-india-an-overview-6729">https://www.ijfans.org/issue-content/effect-of-geographical-factors-on-food-habitat-of-india-an-overview-6729</a> |
| 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                         | <a href="https://doi.org/10.1039/C9QI00975B">https://doi.org/10.1039/C9QI00975B</a>                                                                                                                                                       |
| 47     | A Journey through Crises: An Ethnographer's Note on COVID-19 and Its                                                                                                                                         | Pinaki Dey Mullick                                               | Anthropology              | International Journal of Emerging                             | 2020                         | <a href="http://doi.org/10.1729/Journal.23397">http://doi.org/10.1729/Journal.23397</a>                                                                                                                                                   |

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|        | Dynamics in a Sub-Urban Setting of West Bengal, India                                                                                                                   |                                                                                                 |                           | Technologies and Innovative Research                         |                              |                                                                                                                                       |
| 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                         | <a href="https://www.ripublication.com/irph/ijert20/ijertv13n643.pdf">https://www.ripublication.com/irph/ijert20/ijertv13n643.pdf</a> |
| 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                         | <a href="https://www.ijrte.org/portfolio-item/e7036018520/">https://www.ijrte.org/portfolio-item/e7036018520/</a>                     |
| 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                         | <a href="https://ijrcs.org/wp-content/uploads/IJRCS202003021.pdf">https://ijrcs.org/wp-content/uploads/IJRCS202003021.pdf</a>         |
| 51     | Gompertzian law of growth for reserved area fishery model with non-selective harvesting in unreserved area                                                              | Dr. Dipankar Sadhukhan                                                                          | Mathematics               | Journal of Mathematical and Computational Science            | 2020                         | <a href="https://doi.org/10.28919/jmcs/4869">https://doi.org/10.28919/jmcs/4869</a>                                                   |
| 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                         | <a href="http://scik.org/index.php/jmcs/article/view/4667">http://scik.org/index.php/jmcs/article/view/4667</a>                       |
| 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                         | <a href="http://scik.org/index.php/jmcs/article/view/4857">http://scik.org/index.php/jmcs/article/view/4857</a>                       |
| 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                         | <a href="https://doi.org/10.1016/j.molstruc.2019.127663">https://doi.org/10.1016/j.molstruc.2019.127663</a>                           |
| 55     | Band engineering of non-hexagonal 2D tetragonal-silicene sheet and                                                                                                      | Niladri Sekhar Mondal, Subhadip Nath,                                                           | Physics                   | Journal of Physics and Chemistry of Solids                   | 2020                         | <a href="https://doi.org/10.1016/j.jpcs.2020.109801">https://doi.org/10.1016/j.jpcs.2020.109801</a>                                   |

| Sl No. | Title of paper                                                                                                                                                                                                                                                         | Name of the author/s                                                                 | Department of the teacher | Name of journal                                                                    | Calendar Year of publication | Link to article / paper / abstract of the article                                                                                                                                                       |
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|        | nanoribbons: A theoretical approach                                                                                                                                                                                                                                    | Debnarayan Jana, Nanda Kumar Ghosh                                                   |                           |                                                                                    |                              |                                                                                                                                                                                                         |
| 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                         | <a href="https://www.hrpub.org/download/20200930/MS15-13417518.pdf">https://www.hrpub.org/download/20200930/MS15-13417518.pdf</a>                                                                       |
| 57     | Phase transition in decaying black holes                                                                                                                                                                                                                               | Aloke Kumar Sinha                                                                    | Physics                   | Modern Physics Letters A                                                           | 2020                         | <a href="https://www.worldscientific.com/doi/abs/10.1142/S0217732320502582">https://www.worldscientific.com/doi/abs/10.1142/S0217732320502582</a>                                                       |
| 58     | Chromogenic and fluorogenic “off–on–off” chemosensor for selective and sensitive detection of aluminum (Al <sup>3+</sup> ) and bifluoride (HF <sub>2</sub> <sup>-</sup> ) 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                         | <a href="https://doi.org/10.1039/D0NJ02117B">https://doi.org/10.1039/D0NJ02117B</a>                                                                                                                     |
| 59     | A “turn-on” fluorescent and colorimetric chemodosimeter for selective detection of Au <sup>3+</sup> ions in solution and in live cells via Au <sup>3+</sup> -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                         | <a href="https://doi.org/10.1039/D0NJ01273D">https://doi.org/10.1039/D0NJ01273D</a>                                                                                                                     |
| 60     | Cultural Tourist Destination of Kechopalri lake of Sikkim : A Sociological Study.                                                                                                                                                                                      | Hasibul Rahaman                                                                      | Sociology                 | Our Heritage Journal, Vol 68, Issue 1, January                                     | 2020                         | <a href="https://www.haldiagovtcollege.org.in/naacdoks/HRahaman_Cultural_Tourist_Destination_2020.pdf">https://www.haldiagovtcollege.org.in/naacdoks/HRahaman_Cultural_Tourist_Destination_2020.pdf</a> |
| 61     | Mobile inter-site bipolarons in presence of long-range interactions                                                                                                                                                                                                    | Niladri Sekhar Mondal, Subhadip Nath                                                 | Physics                   | Physica B: Physics of Condensed Matter                                             | 2020                         | <a href="https://doi.org/10.1016/j.physb.2019.411881">https://doi.org/10.1016/j.physb.2019.411881</a>                                                                                                   |
| 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                         | <a href="https://doi.org/10.1016/j.polymer.2020.122815">https://doi.org/10.1016/j.polymer.2020.122815</a>                                                                                               |
| 63     | Travails with Motherhood: An Auto-ethnographic Exploration of Being a Mother                                                                                                                                                                                           | Ananya Chatterjee                                                                    | Sociology                 | SOCIAL TRENDS<br>Journal of the Department of Sociology of North Bengal University | 2020                         | <a href="https://drive.google.com/file/d/1Zc7cax6cR2SvnHQ6eTffuKnKMyD4wQsu/view">https://drive.google.com/file/d/1Zc7cax6cR2SvnHQ6eTffuKnKMyD4wQsu/view</a>                                             |

| SI No. | Title of paper                                                                                                                                                  | Name of the author/s                                                                       | Department of the teacher | Name of journal                                         | Calendar Year of publication | Link to article / paper / abstract of the article                                                                                                                                                                     |
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| 64     | Caste and Occupational Mobility : The case of Karmakars of North Bengal Village                                                                                 | Hasibul Rahaman                                                                            | Sociology                 | Studies in Indian Place Names                           | 2020                         | <a href="https://www.tpnindia.org/index.php/sign/article/view/5277">https://www.tpnindia.org/index.php/sign/article/view/5277</a>                                                                                     |
| 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                         | <a href="http://inet.vidyasagar.ac.in:8080/jspui/bitstream/123456789/6897/1/2.Goutam%20Bhowmik_%26_S.K.D.pdf">http://inet.vidyasagar.ac.in:8080/jspui/bitstream/123456789/6897/1/2.Goutam%20Bhowmik_%26_S.K.D.pdf</a> |
| 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                         | <a href="https://doi.org/10.1039/D0AY02252G">https://doi.org/10.1039/D0AY02252G</a>                                                                                                                                   |
| 67     | Sequential growth of self-organized epitaxial FeSi <sub>2</sub> and CoSi <sub>2</sub> nanostructures on Si (111) 7×7 surfaces                                   | J.C. Mahato, Debolina Das, Arindam Pal, Prabir Pal, B. N. Dev                              | Physics                   | Appl. Surface Science                                   | 2021                         | <a href="https://www.sciencedirect.com/science/article/abs/pii/S0169433221024491">https://www.sciencedirect.com/science/article/abs/pii/S0169433221024491</a>                                                         |
| 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                         | <a href="https://doi.org/10.1016/j.apusc.2021.152094">https://doi.org/10.1016/j.apusc.2021.152094</a>                                                                                                                 |
| 69     | An Expedite Synthesis of Some Angularly Fused Novel 'U'-Shaped Tetracyclic Europhenanthraquinones Simulating ABCD Rings of Isotanshinone-II,                    | K. Samanta, A. Sarkar, A. K. Sarkar, G. K. Kar,                                            | Chemistry                 | ChemistrySelect                                         | 2021                         | <a href="https://doi.org/10.1002/slct.202100979">https://doi.org/10.1002/slct.202100979</a>                                                                                                                           |
| 70     | Large-sample tests for comparing Likert-type scale data                                                                                                         | T. Bhattacharya and A. Sengupta                                                            | Statistics                | Communication in Statistics-Theory and Methods          | 2021                         | <a href="https://www.tandfonline.com/doi/abs/10.1080/03610926.2021.1872634">https://www.tandfonline.com/doi/abs/10.1080/03610926.2021.1872634</a>                                                                     |
| 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                         | <a href="https://doi.org/10.28919/cm-bn/5382">https://doi.org/10.28919/cm-bn/5382</a>                                                                                                                                 |
| 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                         | <a href="https://www.sciencedirect.com/science/article/pii/S036083522100440X">https://www.sciencedirect.com/science/article/pii/S036083522100440X</a>                                                                 |
| 73     | An aggregation-induced emission (AIE)-active fluorescent chemodosimeter for selective sensing of hypochlorite in water and solid state: Endogenous detection of | S. K. Samanta, K. Maiti, S. K. Manna, S. S. Ali, U. N. Guria, A. Ghosh, P. Datta and A. K. | Chemistry                 | Dyes and Pigments                                       | 2021                         | <a href="https://doi.org/10.1016/j.dyepig.2021.109758">https://doi.org/10.1016/j.dyepig.2021.109758</a>                                                                                                               |

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|        | hypochlorite in live cells,                                                                                                                                                                     | Mahapatra,                                                                                          |                           |                                                   |                              |                                                                                                                                                                                                                                               |
| 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              | <i>Indian Journal of Gerontology</i>              | 2021                         | <a href="https://www.indianjournals.com/ijor.aspx?target=ijor:ijg&amp;volume=35&amp;issue=2&amp;article=003&amp;type=pdf">https://www.indianjournals.com/ijor.aspx?target=ijor:ijg&amp;volume=35&amp;issue=2&amp;article=003&amp;type=pdf</a> |
| 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                         | <a href="https://doi.org/10.14673/IJA2021121072">https://doi.org/10.14673/IJA2021121072</a>                                                                                                                                                   |
| 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                         | <a href="http://scik.org/index.php/jmcs/article/view/6727">http://scik.org/index.php/jmcs/article/view/6727</a>                                                                                                                               |
| 77     | Silicon nanodots via sputtering of Si(111)-7×7 surfaces and post-annealing                                                                                                                      | J. C. Mahato, Debolina Das, R. Batabyal, Anupam Roy, B.N.Dev                                        | Physics                   | Materials Today: Proceedings                      | 2021                         | <a href="https://www.sciencedirect.com/science/article/pii/S2214785321032399">https://www.sciencedirect.com/science/article/pii/S2214785321032399</a>                                                                                         |
| 78     | Thermodynamics of asymptotically flat Reissner Nordstrom black hole                                                                                                                             | Aloke Kumar Sinha                                                                                   | Physics                   | Modern Physics Letters A                          | 2021                         | <a href="https://www.worldscientific.com/doi/abs/10.1142/S0217732321500711">https://www.worldscientific.com/doi/abs/10.1142/S0217732321500711</a>                                                                                             |
| 79     | Dying AdS Schwarzschild black hole                                                                                                                                                              | Aloke Kumar Sinha                                                                                   | Physics                   | Modern Physics Letters A                          | 2021                         | <a href="https://www.worldscientific.com/doi/abs/10.1142/S0217732321501959">https://www.worldscientific.com/doi/abs/10.1142/S0217732321501959</a>                                                                                             |
| 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                         | <a href="https://doi.org/10.1039/D1NJ04056A">https://doi.org/10.1039/D1NJ04056A</a>                                                                                                                                                           |
| 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                         | <a href="https://doi.org/10.1039/D1NJ02943F">https://doi.org/10.1039/D1NJ02943F</a>                                                                                                                                                           |
| 82     | An experimental and theoretical exploration of supramolecular interactions and photoresponse properties of two Ni(II)                                                                           | S. Pramanik, S. Pathak, S. Jana, M. Mondal, A. Frontera, S. Mukhopadhyay                            | Chemistry                 | New Journal of Chemistry                          | 2021                         | <a href="https://doi.org/10.1039/D1NJ01363G">https://doi.org/10.1039/D1NJ01363G</a>                                                                                                                                                           |

| Sl No. | Title of paper                                                                                                                                                                 | Name of the author/s                                                                                       | Department of the teacher | Name of journal                                               | Calendar Year of publication | Link to article / paper / abstract of the article                                                                                                               |
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|        | complexes                                                                                                                                                                      |                                                                                                            |                           |                                                               |                              |                                                                                                                                                                 |
| 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                         | <a href="https://doi.org/10.1039/D0NJ06267G">https://doi.org/10.1039/D0NJ06267G</a>                                                                             |
| 84     | Inter-dependent lead-time and ordering cost reduction strategy: a supply chain model with quality control, lead-time dependent backorder and price-sensitive stochastic demand | Dr. Monami Das Roy and Dr. Shib Sankar Sana.                                                               | Mathematics               | Opsearch                                                      | 2021                         | <a href="https://link.springer.com/article/10.1007/s12597-020-00499-w">https://link.springer.com/article/10.1007/s12597-020-00499-w</a>                         |
| 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                         | <a href="https://doi.org/10.1039/D1CP01466H">https://doi.org/10.1039/D1CP01466H</a>                                                                             |
| 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                         | <a href="https://www.rairo-ro.org/articles/ro/abs/2021/01/ro200206/ro200206.html">https://www.rairo-ro.org/articles/ro/abs/2021/01/ro200206/ro200206.html</a>   |
| 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                         | <a href="https://doi.org/10.3390/rs13214423">https://doi.org/10.3390/rs13214423</a>                                                                             |
| 88     | Caring Fathers: Reflecting Lived Experiences of Fathers having Children with Disabilities                                                                                      | Moutan Roy                                                                                                 | Sociology                 | RESEARCH HUB International Multidisciplinary Research Journal | 2021                         | <a href="https://doi.org/10.53573/rhimrj.2021.v08i08.004">https://doi.org/10.53573/rhimrj.2021.v08i08.004</a>                                                   |
| 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               | Sādhanā                                                       | 2021                         | <a href="https://link.springer.com/article/10.1007/s12046-021-01716-y">https://link.springer.com/article/10.1007/s12046-021-01716-y</a>                         |
| 90     | Rediscovering The Issue of Child Marriage And The School Drop[-Out Problem against The Interplay of The Socio Economic                                                         | Dr.Tithi Bose and Dr.Moumita Gupta                                                                         | Economics                 | <i>Shodh Sarita, Vol.8, Issue.29,</i>                         | 2021                         | <a href="https://www.haldiagovtcollege.org.in/naacdocs/2021_ShodhSarita_TBose.pdf">https://www.haldiagovtcollege.org.in/naacdocs/2021_ShodhSarita_TBose.pdf</a> |

| Sl No. | Title of paper                                                                                                                                                                 | Name of the author/s                                                                                  | Department of the teacher | Name of journal                                                     | Calendar Year of publication | Link to article / paper / abstract of the article                                                                                                               |
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|        | Factors in The Rural Corners of West Bengal: A Village Level Study of East Medinipur                                                                                           |                                                                                                       |                           |                                                                     |                              |                                                                                                                                                                 |
| 91     | Recent development of chromogenic and fluorogenic chemosensors for the detection of arsenic species: Environmental and biological applications.                                | D. Banik, S. K. Manna* and A.K. Mahapatra*,                                                           | Chemistry                 | SPECTROCHIMICA ACTA PART A: MOLECULAR AND BIOMOLECULAR SPECTROSCOPY | 2021                         | <a href="https://doi.org/10.1016/j.saa.2020.119047">https://doi.org/10.1016/j.saa.2020.119047</a>                                                               |
| 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                         | <a href="https://pubs.acs.org/doi/10.1021/acsomega.2c04969?ref=pdf">https://pubs.acs.org/doi/10.1021/acsomega.2c04969?ref=pdf</a>                               |
| 93     | Triphenylamine-based small-molecule fluorescent probes                                                                                                                         | A. Karak, S. K. Manna, A. K. Mahapatra,                                                               | Chemistry                 | Analytical Methods                                                  | 2022                         | <a href="https://doi.org/10.1039/D2AY00134A">https://doi.org/10.1039/D2AY00134A</a>                                                                             |
| 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                         | <a href="https://www.apjhs.com/index.php/apjhs/article/view/2600">https://www.apjhs.com/index.php/apjhs/article/view/2600</a>                                   |
| 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                         | <a href="https://www.tandfonline.com/doi/full/10.1080/10408347.2021.2023002">https://www.tandfonline.com/doi/full/10.1080/10408347.2021.2023002</a>             |
| 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                         | <a href="https://pubs.rsc.org/en/content/articlelanding/2023/ce/d2ce01445a/unauth">https://pubs.rsc.org/en/content/articlelanding/2023/ce/d2ce01445a/unauth</a> |
| 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                         | <a href="https://doi.org/10.1039/D1CE01402A">https://doi.org/10.1039/D1CE01402A</a>                                                                             |
| 98     | Comparative framework for spatially explicit urban growth modeling for monitoring urban land-use efficiency and sustainable urban development (SDG                             | Sk Mithun , Meheub Sahana , Subrata Chattopadhyay , Soumendu Chatterjee                               | Geography                 | GEOCARTO INTERNATIONAL                                              | 2022                         | <a href="https://www.tandfonline.com/doi/full/10.1080/10106049.2022.2136259">https://www.tandfonline.com/doi/full/10.1080/10106049.2022.2136259</a>             |

| Sl No. | Title of paper                                                                                                                                                                             | Name of the author/s                                        | Department of the teacher | Name of journal                                               | Calendar Year of publication | Link to article / paper / abstract of the article                                                                                                                                                                           |
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|        | 11.3.1): a study on Kolkata metropolitan area, India                                                                                                                                       | , Jaidul Islam and Romulus Costach                          |                           |                                                               |                              |                                                                                                                                                                                                                             |
| 99     | Slums in India: making sense of place in urban planning                                                                                                                                    | Jaidul Islam, Md. Julfikar Ali & Sk Mithun                  | Geography                 | GeoJournal                                                    | 2022                         | <a href="https://doi.org/10.1007/s10708-020-10357-3">https://doi.org/10.1007/s10708-020-10357-3</a>                                                                                                                         |
| 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                         | <a href="https://doi.org/10.14673/IJA2022341093">https://doi.org/10.14673/IJA2022341093</a>                                                                                                                                 |
| 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                         | <a href="https://doi.org/10.28919/jmcs/7310">https://doi.org/10.28919/jmcs/7310</a>                                                                                                                                         |
| 102    | Exploration of supramolecular and theoretical aspects of two new Cu(II) complexes: On the importance of lone pair... $\pi$ (chelate ring) and $\pi$ ... $\pi$ (chelate ring) interactions" | S. Pramanik, S. Pathak, A. Frontera, S. Mukhopadhyay        | Chemistry                 | Journal of Molecular Structure                                | 2022                         | <a href="https://doi.org/10.1016/j.molstruc.2022.133358">https://doi.org/10.1016/j.molstruc.2022.133358</a>                                                                                                                 |
| 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                         | <a href="https://www.jptcp.com/index.php/jptcp/article/view/3397">https://www.jptcp.com/index.php/jptcp/article/view/3397</a>                                                                                               |
| 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                         | <a href="https://www.haldiagovtcollege.org.in/naacdocs/Hrahaman_Relation_Between_Social_Discrimination_2022.pdf">https://www.haldiagovtcollege.org.in/naacdocs/Hrahaman_Relation_Between_Social_Discrimination_2022.pdf</a> |
| 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                         | <a href="https://sifisheressciences.com/index.php/journal/article/view/1527">https://sifisheressciences.com/index.php/journal/article/view/1527</a>                                                                         |
| 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                         | <a href="https://sifisheressciences.com/index.php/journal/article/view/1522">https://sifisheressciences.com/index.php/journal/article/view/1522</a>                                                                         |
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| Sl No. | Title of paper                                                                                                               | Name of the author/s                                                                   | Department of the teacher | Name of journal                                   | Calendar Year of publication | Link to article / paper / abstract of the article                                                                                                                                       |
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