|  |  |
| --- | --- |
| D:\Book\Passport Photo.jpg | **Dr. Rumki Sarkar**  Associate Professor  Department of Geography |
| Academic Qualifications:  M.A. & Ph. D. in Geography | |
| Contact Address:  Suryanagar (Mirchoba)  PO. Sripally  Dist. Burdwan, PIN. 713103  Email: [itsrumki84@gmail.com](mailto:itsrumki84@gmail.com)  **Phone numbers: 9832800053** | |
| Research Interest:  Applied Fluvial Geomorphology , Statistics | |
| Specialization:  Advanced Geomorphology | |
| Fellowships:  CSIR – JRF + SRF | |
| Teaching Experience:  Ten Years + | |
| Research Experience:  IIT Kharagpur , The University of Burdwan | |
| **Previous & Present Employment:**   |  |  |  |  | | --- | --- | --- | --- | | **Name of the Organization/Institution** | **Position held** | **Duration** | **Nature of work** | | Raiganj University | Associate Professor | Sept 2018 continuing | Permanent | | Raiganj University | Assistant Professor | Nov 2016 to Sept 2018 | Permanent | | T H LH Mahavidyalay, West Bengal | Assistant Professor | April 2010 to Nov 2016 | Permanent | | CSIR- JTF, SRF | The University of Burdwan | July 2009 – March 2010 | CSIR- JRF, SRF | | CSIR- JRF | IIT Kharagpur | Jan 2008 – July 2009 | CSIR- JRF | | Lakurdi High School | Assistant Teacher | March 2006 to Jan 2008 | Permanent |   **Project**  **Shifting of Mahanada’s course and confluence from downstream to upstream of the Farakka Barrage and its impact (DST, WB)**  **Research Guiding Experience:**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Name of the Scholar | Title of the Thesis | Co – Supervisor | Registered in the year of | Status | | ArindamDutta | A study on connectivity and accessibility of road transport network in Uttar Dinajpur District, West Bengal | Dr. Ashok Das | 25.05.2016 | Awarded, 2018 | | MrinalKanti Roy | Ecological Change and Ethnic Identity Problem of Garo People in Garopara and Jamadarerbash Villages of Cooch Behar District of West Bengal |  | 20.03.2018 | Ongoing | | SanjibChakraborty | Potentialities and development of the variety of rice cultivation in some parts of Uttar Dinajpur District, West Bengal: A study in Agricultural Geography |  | 16.12.2017 | Ongoing | | PriyankaKundu | Geomorphic Evolution, Potentialities and Problems of Wetlands in Tufanganj CD Blocks of Coochbehar District, West Bengal: A Study in Environmental Geomorphology |  | 17.12.2017 | Submitted | | Biswajit Das | Riverine morphology, agricultural landuse and planning in the Nagar-Kulik interfluves of Uttar Dinajpur District, West Bengal : A study in Applied Geomorphology |  | 10.12.2018 | Ongoing | | Bapi Saha | Hydraulic geometry of the Rehti river and its Geomorphic implications in the Himalayan Foreland Basin, West Bengal, India |  | 30.11.2019 | Ongoing | |  |  |  |  |  | | |
| **M.Phil. Guidence**  **Mr. Joyjit Debnath - 2018**  **Mr. Santunu Roy - 2019**  **Mr. Ganesh Biswas - 2020** | |
| **Administrative Experience:**  Head of the Department since April 2019 | |
| **RESEARCH, PUBLICATIONS AND ACADEMIC CONTRIBUTIONS**  A (i) **Published papers in journals**   1. Channel characteristics and socio-economic profile of the Mayurakshi riverine island, Birbhum District, West Bengal, RumkiSarkar\* Milan Mondal\*\* Dr. Nageshwar Prasad\*\*\*, IGF, Winter 2010, Vol. 14, No. 2, pp.25-40 2. Land assessment for agricultural landuse- Case study for Malkita village, Burdwan district ,RumkiSarkar\*, Dr. Kamala Bhattacharya\*\* ,ILEE, June-2010, Vol. XVII.No.1, pp. 45-152 3. Measuring human development of the villages of the Burdwan Upland, West Bengal , Dr. Nageshwar Prasad\* RumkiSarkar\*\*, *Eastern Geographer* (Bhubaneswar, Odisha), June.-2011, Vol. XVII.,No. 1 4. Terrain evaluation – A review , Dr. Nageshwar\*RumkiSarkar\*\* , International journal of current research, June, 2011, Vol. 3, Issue-7, pp.296-301 5. LANDUSE CHANGE AND LANDUSE MODEL IN BASUDHA VILLAGE OF KANKSA BLOCK OF BURDWAN DISTRICT, WEST BENGAL, RumkiSarkar\* Milan Mondal\*\* Dr. Nageshwar Prasad\*\* , IGF, Summer-2011, Vol. 15, No. 1, pp.211-227 6. Evaluation of water potential for irrigation and its impact on the level of irrigation development in the Burdwan Upland, West Bengal , Nageshwar Prasad\*&RumkiSarkar\*\*, IGF, Summer-2012, Vol. 16, No. 1, pp.1-14 7. Geology of the Burdwan Upland, RumkiSarkar , FPG, Winter-2014, Vol. 18, No. 2, pp.26-50 8. Terrains of the Burdwan Upland: A Study in Applied Geomorphology, Nageshwar Prasad\*&RumkiSarkar\*\* ,FPG, Summer-2015, Vol. 19, No. 1, pp.161-168 9. Terraces and Springs in a portion of Rajmahal Highlands : Geomorphic Evolution of Ghutkandar River Basin, RumkiSarkar, International Journal of Technology Enhancements and Emerging Engineering Research, VOL 3, ISSUE 09, ISSN 2347-4289, 2015, pp. 105-111 10. Problems and prospects of Agricultural Landuse in Burdwan Upland, West Bengal, RumkiSarkar, FPG, Summer-2016, Vol. 20, No. 1, pp.39-58 11. Natural Resources, Landuse and Occupational Pattern : A Case Study , RumkiSarkar, FPG, Summer-2017, Vol.21, No.1, pp.21-30 12. **Subsurface Flow and Evolution of Drainage Net: A Case Study of a Micro Drainage Basin,** Rumki Sarkar Geo-historical perception of environment in society, Pub. by SFSMahavidyalay, August 2017, ISBN 978-930691-2-7 13. **Rural Settlement in a Portion of Tal Plain of Uttar Dinajpur District of West Bengal: A case study ,** Mr. Joyjit Debnath\*, Dr. Rumki Sarkar\*\* ISSN:0975-3850, **FPG, Winter-2017, Vol. 21, No. 2** 14. **Relation between Road Transport and Other Spatial Dimensions Uttar Dinajpur District of West Bengal,** Arindam Dutta\*, Dr. Ashoke Das\*\*, Dr. Rumki Sarkar \*\*\* ISSN:0975-3850, **FPG, Summero.-2018, Vol. 22, No. 1** 15. **Population, environment and development relationship: A Review, International journal of current research, April, 2018**, Vol. 10, Issue-4, pp.67952-67953 16. **Analysis of River Basin by Area-Length Relation,**   **Indian Journal of Geomorphology**, Vol. 23(1), 2018, pp. 41-49, ISSN: 0973-2411   1. **Analysis of River Long Profile and Hydraulic Geometry to Evaluate the Present Scenario of Kulik River, India and Bangladesh**   **International journal of current research** Vol. 11(6), 5005-5017  Dr. Rumki Sarkar \* Biswajit Das \*\* Ganesh Biswas \*\*   1. **Connectivity and Accessibility of the Road Transport Network: A Review**   Review of Research, ISSN:2249-894x, IF: 5.7631(UFI), Vol. 8 Issue-8, May 2019, pp-1-5  Dr.Rumki Sarkar\* Dr. Arindam Dutta\*\*   1. **Riverine Morphology in Interfluve and Landuse: A Review**   International Journal of Research and Analytical Reviews (IJRAR), E-ISSN: 2348-1269, Vol. 6 Issue-2, June 2019, pp-208-215  Biswajit Das\*, Dr. Rumki Sarkar\*\*   1. **Channel shifting behavior and delineation of channel migration zone: a study on Nagar River of West Bengal**, **India.**   ***International Journal of Science and Research (IJSR)***, **June.-2019,** Vol. XVII.,No.  Dr. Rumki Sarkar\*, Pankaj Sarkar,\*\* Mr. Ganesh Biswas\*\*   1. Cut-Off Analysis in Some Parts of the Nagar, Kulik and Sudhani River, West Bengal and Bihar, India   **International Journal of Current Science and Multidisciplinary Research, Vol. 3 issue** 3, 2020  Biswajit Das \*, Dr. Rumki Sarkar \*\* , Nanigopal Sarkar \*\*\*   1. **Relation between river hydraulic and channel migration: a case study on Nagar river, India and Bangladesh**   **Hydrology Current Research, Vol. 11:2, 2020**  Rumki Sarkar2, Ganesh Biswas2,Pankaj Sarkar1, Biswajit Das2   1. DEVIATION BETWEEN NET SOWN AREA AND IRRIGATED AREA IN THE NAGAR KULIK INTERFLUVE, UTTAR DINAJPUR, WEST BENGAL: AN ASSESSMENTBiswajit Das \*, Dr. Rumki Sarkar \*\*   B (i) **Articles/Chapters published in Books**  1. Relationship between changes in cultivated area and irrigated area in the BurdwanUpland , West Bengal: an assessment, Nageshwar Prasad\* and RumkiSarkar\*\*, March, 2013. Rural Development: Challenges and Opportunities Pub. By Geographical Society of North Bengal, ISBN: 978-81-927059-0-3  2. Impact of Cultural Diffusion on Tribal Literature and Life: A Case Study of Tribes of Ghutkandar River Basin, RumkiSarkar, April 2016, Thoughts on Liberal Art and Popular Culture , Edt by Dr. PrabalKumar Sinha , Pub. By Ashadeep, Kolkata ISBN978-93-81245-73-6 , pp. 249-256  3. Subsurface Flow and Evolution of Drainage Net: A Case Study of a Micro Drainage Basin, RumkiSarkar ,Geo-historical perception of environment in society, Pub. by SFS Mahavidyalay, August 2017, ISBN 978-930691-2-7    **(iii) Books Published as a Single/Joint Author/Editor**   1. **Socio-Economic Environment of the Tribes of India with Special Reference to the Santals**(2015), (Edt.)ISBN: 978-81-930691-0-3 2. **A critical assessment of methods of terrain classification** (2018), ISBN: 978-81-931261-9-6 | |