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| D:\Book\Passport Photo.jpg | **Dr. Rumki Sarkar**Associate ProfessorDepartment of Geography |
| Academic Qualifications:M.A. & Ph. D. in Geography  |
| Contact Address:Suryanagar (Mirchoba)PO. SripallyDist. Burdwan, PIN. 713103Email: 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:**

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| **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:**

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| 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  |
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| **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: 0973-24111. **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), 5005-5017Dr. 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-1-5Dr.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-208-215Biswajit 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, 2020Biswajit 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 Das21. 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
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