

CURRICULUM VITAE

SMT. LOPAMUDRA ROY

Date of Birth: 26.10.1982

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DESIGNATION

Assistant Professor of Geography, Pakuahat Degree College, Malda-732138.

ACADEMIC BACKGROUND

- M.Sc. (Geography), Lady Brabourne College, University of Calcutta, West Bengal, 2006.
- B.Sc. (Geography), Jogamaya Devi College (University of Calcutta), West Bengal, 2004.
- Qualified UGC-NET-DEC, 2012

POSITIONS HELD/ HOLDING

- 2020–Present : Assistant Professor of Geography, Pakuahat Degree College, Malda
- 2008–2020 : Contractual Whole-time Teacher (Govt. Approved), Dum Dum Motijheel College, Kolkata
- 2007–2008 : Part-time Teacher, Netaji Nagar Day College, Kolkata

TEACHING INTEREST

- Geomorphology, Population Geography, Welfare Geography.

RESEARCH PROFILE

Perusing Ph.D. from the Department of Geography, West Bengal State University

Evaluation of Recurring Flood Hazard in Tangan Valley, Malda District, West Bengal. Registration No: 10024445214000035

Supervisor: Dr. Sayantan Das, Department of Geography, Dum Dum Motijheel College, Kolkata (Affiliated to West Bengal State University)

PUBLICATIONS:

Journal Papers:

1. **Roy, L.,** Das, S. (2021). GIS-based landform and LULC classifications in the Sub-Himalayan Kaljani Basin: Special reference to 2016 Flood. *The Egyptian Journal of Remote Sensing and Space Science (Elsevier)*, 24(3): 755-767. <https://doi.org/10.1016/j.ejrs.2021.06.005>
 2. Sarkar, A., **Roy, L.,** Das., S., Sengupta, S. (2021). Fluvial response to active tectonics: analysis of DEM-derived longitudinal profiles in the Rangit River Basin, Eastern Himalayas, India. *Environmental Earth Sciences (Springer-Verlag GmbH Germany)*, 80, 258: 1-22. [https://doi.org/10.1007/s12665-021-09561-2D:\Workplace\DDMC Documents\Website\Geography\~\\$ Sayantan_new.doc](https://doi.org/10.1007/s12665-021-09561-2D:\Workplace\DDMC Documents\Website\Geography\~$ Sayantan_new.doc)
 3. **Bagchi, L.,** Roy Chakraborty, S. (2017). Impact of Climate Change and Resultant Urban Flooding in Alipurduar Town, West Bengal—Its Vulnerability and Mitigation. *International Journal of Innovative Research in Science, Engineering and Technology*, 6(8): 16085-16092.
 4. **Bagchi, L.,** Karamchandani, N.D. (2016). Violence Against Women: Reality, Challenges & Perceptions in India, *Imperial Journal of Interdisciplinary Research*, 2(11): 84-88.
 5. Basu, J., Sugata, D., **Bagchi, L.** (2016). A Geographical and Microbiological Assessment of Ganga Water in and around Dakshineswar Area. *IOSR Journal of Environmental Science, Toxicology and Food Technology*, 10(9): 19-25.
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Book Chapter:

6. **Roy, L.**, Sengupta, S., Das, S., Sarkar, A. (2022). Evaluating the Relative Tectonic Response of the Fluvial Systems Using Multicriteria Entropy Method: A Case Study of the Rangit Catchment, Eastern Himalayas, India. In: Harendra Nath Bhattacharya et al. (Eds) *Himalayan Neotectonics and Channel Evolution*, Society of Earth Scientists Series, Springer Nature Switzerland AG. https://doi.org/10.1007/978-3-030-95435-2_12

Conference Proceedings:

7. Das., S.,**Roy, L.**, Sarkar, A., Sengupta, S. (2020). Mathematical modelling of long profiles in a tectonically active area: Observations from the DEM-based geomorphometry of the Rangit River, India. In: Alvioli, M., Marchesini I., Melelli, L., Guth, P. (eds) *Proceedings of the Geomorphometry 2020 Conference*, pp. 124-127. [DOI:10.30437/GEOMORPHOMETRY2020_35](https://doi.org/10.30437/GEOMORPHOMETRY2020_35)
8. **Bagchi, L.**, Karamchandani, N.D. (2017). Farmer Suicides-Causes and Role of Nature, Conference Proceedings from Prasanta Chandra Mahalanobis College.

NUMBER OF CONFERENCE/SEMINAR PRESENTATIONS:

National: 9, International: 5

NUMBER OF WORKSHOP/CAPACITY BUILDING COURSE PARTICIPATIONS:

National: 6, International: 2

DECLARATION

I hereby declare that all the information furnished above are true to the best of my knowledge and belief.

Date: 20April, 2026

Lopamudra Roy