

DR. SHAHANA KHATUN

Assistant Professor

M.Sc. (Geography), B.Ed., Ph.D.

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» **Overview:**

I am Dr. Shahana Khatun, Assistant Professor of Geography, T.D.B College. I belong to a remote village of Nadia district. Research is my passion. My research interest focus on River Dynamics, land form evolution, Spatio- temporal change of river basin using remote sensing and GIS techniques.

» **Date of appointment to the present job:**

14/07/2020

» **Other Academic/ Administrative post:**

- Departmental coordinator (UG)

» **Academic background:**

- B.Sc. in Geography from Kalyani University in the year 2010
- M.Sc. in Geography from Aliah University in the year 2012
- NET/SET qualify in the year 2013 and UGC Junior Research Fellow in the year 2014
- Ph.D. from Gour Banga University (2017)

» **Information about Ph.D.:**

- **Date of Award:** 21.02.2017
- **Title of the Thesis:** *Hydro-Geomorphic Characteristics of Kushkarni River Basin and their Impacts on Land Use Pattern: A Geo-Spatial Appraisal.*

» **Professional Qualifications:**

- **NET:** UGC Junior Research Fellow, 2014

» **Publications in Journals:**

1. Khatun, S., Pal.S (2016). Analysis of Regional Hypsometric Integral to Identify Landscape Evolution in Kushkarani River Basin, Journal of Geography, Environment and Earth Science International, 6(3): 1-17, DOI: 10.9734/JGEESI/2016/26588.
2. Khatun, S., Pal. S (2016). Identification of Prospective Surface Water Available Zones with Multi Criteria Decision Approach in Kushkarani River Basin of Eastern India, Archives of Current Research International, 4(4): 1-20, DOI:10.9734/ACRI/2016/27651.
3. Khatun, S.,Pal.S (2016).Control of Hydrological and Geomorphic Characteristics on Land Use Land Cover of Kushkarni River Basin of East India, International Journal of Engineering Science and Computing, 6(3): 1-17, DOI: 10.9734/JGEESI/2016/26588.
4. Khatun, S (2016). Estimation of Surface Runoff and its Seasonality of Kushkarni River Basin, International Research Journal of Earth Science, 4(5), 1-10, E-ISSN 2321–2527
5. Khatun, S., Pal.S (2016). Categorization of Morphometric Surface through Morphometric Diversity Analysis in Kushkarani River Basin of Eastern India, Asian

Journal of Physical and Chemical Sciences, 2(1): 1-19, DOI: 10.9734/AJOPACS/2017/31098.

6. Khatun, S (2017). Detection of Soil Erosion Potential Zones and Estimation of Soil Loss in Kushkarani River Basin of Eastern India, Journal of Geography, Environment and Earth Science International, 12(4): 1-17, DOI: 10.9734/JGEESI/2017/37296
7. Khatun, S., Das, S., Pal, S (2018). Exploring The Ambient Environment for Charland Formation in Rajmahal downstream Ganga river of Eastern India in post Farakka barrage Period. Spatial Information Research, 26(3), 337–346, DOI: 10.1007_s41324-018-0179-x.
8. Pal, S, Khatun, S., Mahato, S. (2022). Charland mapping and analyzing suitability for settlement and agriculture in Ganga River within the stretch of West Bengal, India. Geocarto International, DOI: 10.1080/10106049.2021.2022012.
9. Kastha, S., and Khatun, S (2022). Quantifying and assessing land use and land cover changes around the critical waterbodies- a case study of Bhagirathi-Hooghly floodplain, East India. Applied Geomatics. doi.org/10.1007/s12518-022-00435-1.

» **Books and Chapters:**

N. A.

» **Seminars, Conferences, Webinars and workshops attended:**

- Seminars/ Conferences/ Workshops: 08
- Webinar: 00

» **Life Membership:**

N. A.

» **Awards/ Academic Achievements:**

N. A.

» **Professional Courses:**

- Orientation Programme/FIP/FDP: 01
- Refresher Course: 00
- Short Term Course: 00

» **Others/ Miscellaneous:**

N. A.