

Dr. Shahana Khatun

Assistant Professor

M.Sc (Geography), PhD (Geography)

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Date of appointment to the present job:

14th July, 2020

Academic background:

I have completed my bachelor's degree in Geography (Honours) from Kalyani University in 2010 and master's degree with specialization in Population Geography from Aliah University in 2012. I have qualified UGC-NET Dec 2013 and June 2014 with JRF and engaged in research work at GourBanga University. I obtained my Ph.D degree in 2017 with thesis entitled "*Hydro-Geomorphic Characteristics of Kushkarni River Basin and Their Impacts on Land Use Pattern: A Geo-Spatial Appraisal*".

Information about M Phil/Ph D etc.:

- ❑ **PhD Topic:**Hydro-Geomorphic Characteristics of Kushkarni River Basin and TheirImpacts on Land Use Pattern: A Geo-Spatial Appraisal.
(Web link: <https://drive.google.com/file/d/1gKfkhxHyqorqjpsH2t0QhSpZvxCDUeG7/view?usp=drivesdk>)

Publications:

- ❑ 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,ISSN: 2454-7352 DOI: 10.9734/JGEESI/2016/26588
https://drive.google.com/file/d/1BvknK0qcTHS07_DORXEKdlynjwdMv4PQ/view?usp=drivesdk
- ❑ Khatun S., Pal S., 2017.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, ISSN: 2456-7779,DOI: 10.9734/AJOPACS/2017/31098.
<https://drive.google.com/file/d/1jMeh3dZQgNQGjATLHr1fRR10DCoZRJDx/view?usp=drivesdk>
- ❑ 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(7): 8505-8515, ISSN 2321 3361.
https://drive.google.com/file/d/1TH9Ki3TNapy3Njq6f7v0CQqf5yFaG2O_/view?usp=drivesdk
- ❑ 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, ISSN: 2454-7352,DOI: 10.9734/JGEESI/2017/37296.
<https://drive.google.com/file/d/1FtdhMTUKg4g3Hjw1lht9hGic1UfpTrUi/view?usp=drivesdk>

- ❑ 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.

Web link: https://drive.google.com/file/d/17BjEGQgm19_ADMuqP_O7YUJj6QxijExF/view?usp=drivesdk

- ❑ 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, ISSN: 2454-7077, DOI:10.9734/ACRI/2016/27651.

Web link: <https://drive.google.com/file/d/1YAZU5EGurStInf0oyk5IIEV9iReSLO7T/view?usp=drivesdk>

- ❑ Khatun S., Das S., Pal S., Exploring the ambient environment for charland formation in Rajmahal downstream Ganga River of Eastern India in post Farakka barrage Period. Springer (spatial information research). 26(3): 337-346, doi.org/10.1007/s41324-018-0179-x.`

(Web link: <https://drive.google.com/file/d/1IB-QZu2UW8iozhQUfYa6iTzhV0JHdv6b/view?usp=drivesdk>)

Seminars:

- ❑ Khatun S. "Identification of Suitable Water Potential Zone of Kushkarni River Basin." Presentation at Foundation of Practising Geography, Kolkata, WB, India. February 27, 2016.

(Web link: <https://drive.google.com/file/d/1MZAjGtwV5pEKDB1EadDaSIRQZdA5Udlf/view?usp=drivesdk>)

- ❑ Khatun S. "Identification of Soil Erosion Susceptive Area and Estimation of Soil Loss in Kushkarni River Basin." Presentation at Department of Geography, University of GourBanga, Malda, WB, India. March 11-12, 2016.

(Web link: <https://drive.google.com/file/d/1iJ7NVbZ7Nb7v5y4ZeoPDVd-qSvxMDfQj/view?usp=drivesdk>)

- ❑ Khatun S. "Correlation between Effective Surface Runoff Depth and Agricultural Suitability in Kushkarni River Basin, Eastern India." Presentation at Department of Geography, University of GourBanga, Malda, WB, India. August 30, 2016.

(Web link: https://drive.google.com/file/d/14hKzJPm61MmF959dBp3CTqzrZ_j-ahXY/view?usp=drivesdk)

- ❑ Khatun S. "Evolution of Charlands of River Ganga and Emerging Livelihood Challenges." Presentation at Department of History, University of GourBanga, Malda, WB, India. March 8-9, 2017.

(Web link: <https://drive.google.com/file/d/14figTuDqPI41zdv78g5cFuT1pOZXO6uT/view?usp=drivesdk>)

- ❑ Khatun S. "Spatial Associationship of Effective Runoff Depth and Suitable Agricultural Land in Kushkarni River Basin, Eastern India." Presentation at Foundation of Practising Geography, Kolkata, WB, India. February 25, 2017.

(Web link: <https://drive.google.com/file/d/1c67jU7TuOwhZWIB1YKZ4MJWPnxNzkLzs/view?usp=drivesdk>)

- ❑ Khatun S. "Charland Mapping and Analyzing Suitability for Settlement and Agriculture in Ganga River within the Stretch of West Bengal." Presentation at Department of Geography, University of GourBanga, Malda, WB, India. April 19-20, 2017.

(Web link: <https://drive.google.com/file/d/1yTR9MGYbi5SdtSZjxYd0X5Zi-mEWL4A4/view?usp=drivesdk>)

- ❑ Khatun S. "Identification of Potential Char Lands and Exploring Existing Char Lands for Settlement and Agriculture in Downstream Ganga River in Eastern India in Post Farakka Barrage Period." Presentation at Department of Geography, University of GourBanga, Malda, WB, India. March 21-22, 2018.

(Web link: https://drive.google.com/file/d/14KI_KcFFtNOoVqWWnag8Zj0kOd55Hafb/view?usp=drivesdk)

Awards:

- ❑ Awarded Junior Research Fellowship through National Eligibility Test from UGC-NET June 2014.

(Web link: https://drive.google.com/file/d/15ITZpqDyn3AZkXDF-v2feV9u3d2Grf_l/view?usp=drivesdk)