



Dr. Debarshi Ghosh

Faculty Name Dr. Debarshi Ghosh (B.A., M.A. Gold-medalist)

Department Geography

Designation Assistant Professor (Stage I); Date of Joining : 24-05-2017 (WB, CSC)

Qualification M.A. in Geography & Applied Geography, University of North Bengal in 2013
Ph D in '*A Study on the Fluvial Dynamics of Chel River Basin, North Bengal, India*' in 2020

Specialization Digital Cartography, Geo-Spatial Modelling, Fluvial Geomorphology, Statistics in Geography

Disciplines Hydrology, Statistics, Remote Sensing & GIS, Geography

Email wetlanddeb@gmail.com

➤ **Teaching Experience**

6 years as an Assistant Professor in a substantive post in Dept. of Geography, Dhupguri Girls' College

2 years as a Guest Lecturer in Ananda Chandra College, Jalpaiguri

➤ **Colleges Served**

Ananda Chandra College (Guest)

Dhupguri Girls' College (Present posting)

➤ **Research**

1. Ph D: '*A Study on the Fluvial Dynamics of Chel River Basin, North Bengal, India*' in 2020 from Dept. of Geography & Applied Geography, University of North Bengal
2. DST Major research project: *Documentation of channel migration and land loss with special reference to bank soil characteristics: A case study of river Ganga in Malda, District, West Bengal*
Type: Research Project Ongoing Duration
Name of Sponsoring/Funding Agency: Dept. of Science & Technology, Govt. of WB

➤ **Extra Information**

1. Visiting Lecturer at Rabindra Bharati University Distance Education, Sukanta Mahavidyalaya, Dhupguri (Lectures on Environmental Science, MA), 2015.
2. Guest Lecturer at Dept. of Geography, Ananda Chandra College (NBU), Jalpaiguri, 2015-16, 2016-17 academic sessions.

3. Qualified **UGC NET** (Geography, December, 2013), **UGC NET JRF (2014, 2015)**, **WB SET exam** (December, 2013).

➤ **Teaching experiences in other Institutions**

1. Invited Lecture at Sukanta Mahavidyalaya, Dept. of Environmental Studies, Rabindra Bhatari University study center.

2. Invited Lecture at Ananda Chandra College, Dept. of Geography, Netaji Open University.

➤ **List of Publications**

1. Title: Transformation of traditional livelihood and economic composition of population: A case study of Totopara village (WB)

Period: 24-05-2017 to 30-06-2017

Journal: International Organization of Scientific Research – Journal of Humanities and Social Sciences (ISOR-JHSS)

Year of Publication: July, 2017

ISSN/ISBN: E-ISSN No. 2279-0837

Peer-reviewed: Yes

Impact Factor: NIL

No. of Co-authors: Yes (You are the main author)

2. Title: Dynamics of Channel Behavior in relation to recurring Flood potentiality: A case study of Chel river on the foreland

Period: 07-12-2017 to 30-06-2018

Journal: Indian Journal of Geomorphology, Vol. 23 (1), pp.21-39

Year of Publication: January, 2018

ISSN/ISBN: ISSN: 0973-2411, e-ISSN: 2454-3616

Peer-reviewed: Yes

Impact Factor: NIL

No. of Co-authors: Yes (You are the main author)

3. Title: Spatio-temporal variability of channel behavior in relation to channel braiding: a milieu of topological braid modeling and quantitative traditional analysis of Chel basin (North Bengal)

Period: 01-07-2018 to 30-06-2019

Journal: Modeling Earth Systems and Environment, 5(4): 163-1678

Year of Publication: June, 2019

ISSN/ISBN: E-ISSN 2363-6211, Print ISSN 2363-6203

Peer-reviewed: Yes

Impact Factor: Abstracted and Indexed: SCOPUS

No. of Co-authors: Yes (You are the 1st author)

4. Title: Estimation of Surface Soil Erosion Using USLE Model (Modified) of Dhupguri Block, Jalpaiguri (WB)

Period: NIL

Journal: Annals of National Geographers

Year of Publication: June, 2019

ISSN/ISBN: ISSN: 0970-972X, DOI: <http://doi.org/10.32381/ATNAGI 2019.39.01.3>

Peer-reviewed: Yes

No. of Co-authors: Yes (You are the 2nd author)

5. Title: Determining process of occasional flooding from channel hydrological characteristics of Chel Basin, North Bengal (India)

Period: 01-07-2019 to 30-06-2020

Journal: Spatial Information Research, Volume 28, pages 313–326 (2020)

Year of Publication: September, 2019

ISSN/ISBN: Electronic ISSN 2366-3294, Print ISSN 2366-3286

Peer-reviewed: Yes

Impact Factor: Abstracted and indexed in: SCOPUS

No. of Co-authors: NIL (Single Author)

API Score: 25

6.

Title: Determining the Spatio-temporal response of downstream

Date: November 2020

Journal: Modeling Earth Systems and Environment, Volume 7

DOI: <https://doi.org/10.1007/s40808-020-01028-w>

Electronic ISSN: 2363-6211

Print ISSN: 2363-6203

Abstracted and indexed in: SCOPUS

Peer-reviewed: Yes

No. of Co-authors: 01

Main author: Yes

➤ **Research Publication in Edited Volume**

1. Socio-Economic Status of Tea-Plucker Women and need for Empowerment: A Case Study of Selected Tea-Gardens of Dhupguri CD-Block, Edt. Book on Women Empowerment in India: Issues and Challenges, New Academic Publishers, ISBN: 978-81-86772-78-2, pp.68-78.
2. Rural Out-Migration of Tribal Labour Community from the Tea-gardens of Dhupguri CD-Block: Analysis of Push-pull Factors & Consequences, Edt. Book on Issues of Social Exclusion and Development In India, ISBN: 978-81-926968-1-2, pp.208-218.

➤ **list of invited lectures delivered or papers presented, along with the details of the conferences/seminars**

1. Title: MODELING CHANNEL AVULSION POTENTIAL ZONES....

Category/Type of Event: National

Date of Presentation: 2019-11-12

Duration: 10 mins

Conference/Seminar/FDP: Department of Geography & Applied Geography, 31st IGI, NBU

Invited Talk/Paper Presented: Paper Presentation in Seminar

2. Title: Changing Pattern of Channel Braiding and Occasional flooding

Category/Type of Event: International (within country)

Date of Presentation: 2022-11-12

Duration: 10 mins

Conference/Seminar/FDP: Department of Geography, Cooch Behar Panchanan Barma University

Invited Talk/Paper Presented: Paper Presentation in Seminar

3. Title: SPATIO-TEMPORAL DYNAMICS IN CHANNEL PATTERN.....

Category/Type of Event: State/University

Date of Presentation: 2018-12-13

Duration: 10 mins

Conference/Seminar/FDP: 3rd Regional Science & Technology Congress

Invited Talk/Paper Presented: Paper Presentation in Seminar

4. Title: An Analysis on the need for women empowerment in the present context: a case study of Dhupguri block

Category/Type of Event: National

Date of Presentation: 2018-03-28

Duration: 10 mins

Conference/Seminar/FDP: Sukanta Mahavidyalaya

Invited Talk/Paper Presented: Paper Presentation in Seminar

5. Title: Analysis on the fluvial dynamics of Chel River basin, North Bengal

Category/Type of Event: International (within country)

Date of Presentation: 2017-11-07

Duration: 10 mins

Conference/Seminar/FDP: Indian Institute of Geomorphology

Invited Talk/Paper Presented: Paper Presentation in Seminar

6. Title: DETREMINING PROCESS AND RECURRENCE OF OCCASIONAL FLOOD....

Category/Type of Event: National

Date of Presentation: 2019-03-16

Duration: 15 mins

Conference/Seminar/FDP: Department of Geography & Applied Geography, NBU

Invited Talk/Paper Presented: Paper Presentation in Seminar

7. Title: ANTHROPOGENIC PRESSURE ON RIVER DYNAMICS: A CASE STUDY OF CHEL RIVER

Category/Type of Event: National

Date of Presentation: 2019-02-23

Duration: 10 mins

Conference/Seminar/FDP: BANGIYO BHUGOL MANCHA

Invited Talk/Paper Presented: Paper Presentation in Seminar

➤ **Administrative Responsibilities in College**

Governing Body member (Acting)

Coordinator of IQAC technical committee (Acting)

NAAC Coordinator (Acting)

Bursar (2021-23)
