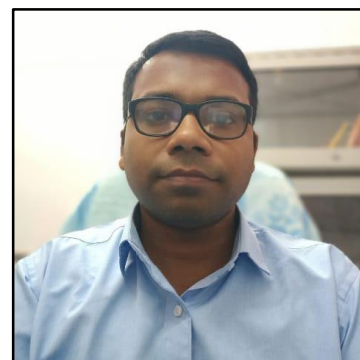


# Dr. Raghunath Pal

## Assistant Professor

Department of Geography, Vidya Bhavana, Visva- Bharati (A Central University and an Institution of National Importance),  
Santiniketan, Bolpur, PIN- 731235  
West Bengal, India



Date of Birth: January 14, 1989  
Mailing Address: Department of Geography, Vidya Bhavana, Visva- Bharati,  
Santiniketan, Bolpur, PIN- 731235, West Bengal, India  
Phone Number: +91 9582528296  
Email: raghunath.pal@visva-bharati.ac.in, raghunath.geo17@gmail.com

## Areas of Interest

Fluvial Geomorphology      Application of Remote Sensing and GIS      Hazard Studies

## Professional Experience

- **Department of Geography, Visva-Bharati, Santiniketan** (September 2022- Current)  
Designation- Assistant Professor
- **Amity Institute of Social Sciences Kolkata, Amity University, Kolkata** (August 2022-September 2022)  
Designation- Assistant Professor
- **School of Liberal Arts, Noida International University, Noida** (May 2021- August 2022)  
Designation- Assistant Professor
- **Centre for the Study of Regional Development, Jawaharlal Nehru University, New Delhi** (2016-2018)  
Designation- Teaching Assistant

## Academic Qualification

| Degree                     | University/ Board           | Institution/ Department                            | Year of Completion | Percentage/ CGPA |
|----------------------------|-----------------------------|--|--------------------|------------------|
| Doctor of Philosophy (PhD) | Jawaharlal Nehru University | Centre for the Study of Regional Development       | 2020               | N.A.             |
| Master of Philosophy       | Jawaharlal Nehru University | Centre for the Study of Regional Development       | 2015               | 77.50            |
| Master of Science          | Banaras Hindu University    | Department of Geography                            | 2012               | 74.10            |
| Bachelor of Science        | Vidyasagar University       | Department of Geography, Panskura Banamali College | 2010               | 63.63            |
| Higher Secondary           | WBCHSE                      | Sonakhali High School                              | 2007               | 74.20            |

## Dr. Raghunath Pal

---

---

|           |       |                                      |      |       |
|-----------|-------|--------------------------------------|------|-------|
| Secondary | WBBSE | Bhagwanchak Patiram<br>Sikshaniketan | 2005 | 69.50 |
|-----------|-------|--------------------------------------|------|-------|

---

---

### Other Certification Courses

---

---

| Course Name                         | Institution/ Department | Course Duration | Year of Completion |
|-------------------------------------|-------------------------|-----------------|--------------------|
| Basics of Remote Sensing and GIS    | Edusat e-learning       | 3 months        | 2018               |
| Remote Sensing and GIS Applications | Edusat e-learning       | 1 month         | 2018               |

---

---

## Publications

---

---

### Journal

---

---

- Pramanik M, Chowdhury K, Rana Md J, Bisht P, Pal R, Szabo S, Pal I, Behera B, Liang Q, Padmadas SS, Udmale P (2020) “**Climatic Influence on the Magnitude of COVID-19 Outbreak: A Stochastic Model-based Global Analysis**” International Journal of Environmental Health Research, 32(5), 1095-1110, doi: 10.1080/09603123.2020.1831446 (Scopus Indexed, Web of Science)  
<https://doi.org/10.1080/09603123.2020.1831446>
- Pal R, Pani P (2019) “**Remote Sensing and GIS-based Analysis of Evolving Planform Morphology of the Middle- Lower Part of the Ganga River, India**” The Egyptian Journal of Remote Sensing and Space Science, 22(1), 1-10, doi: 10.1016/j.ejrs.2018.01.007 (Scopus Indexed, Web of Science)  
<https://doi.org/10.1016/j.ejrs.2018.01.007>
- Pal R (2017) “**Meandering- Braiding Aspects of the Middle- Lower Part of the Ganga River, India**” Journal of Indian Geophysical Union, 21(3), 191-197 (Web of Science)
- Mukherjee R, Bilas R, Biswas SS, Pal R (2017) “**Bank Erosion and Accretion Dynamics Explored by GIS Techniques in Lower Ramganga Rivere, Western Uttar Pradesh, India**” Spatial Information Research, 25, 23-38, doi: 10.1007/s41324-016-0074-2 (Scopus Indexed, Web of Science)  
<https://link.springer.com/article/10.1007/s41324-016-0074-2>
- Mondal B, Dolui, G, Pramanik P, Maity S, Biswas SS, Pal R (2017) “**Urban Expansion and Wetland Shrinkage Estimation Using a GIS-based Model in the East Kolkata Wetland, India**” Ecological Indicators, 83, 62-73, doi: 10.1016/j.ecolind.2017.07.037 (Scopus Indexed, Web of Science)  
<https://doi.org/10.1016/j.ecolind.2017.07.037>
- Pal R, Biswas SS, Pramanik MK, Mondal B (2016) “**Bank Vulnerability and Avlusion Modeling of the Bhagirathi- Hugli River Between Ajay and Jalangi Confluences in Lower Ganga Plain, India**” Modeling Earth Systems and Environment, 2(65), 1-13, doi: 10.1007/s40808-016-0125-7 (Scopus Indexed, Web of Science)  
<https://doi.org/10.1007/s40808-016-0125-7>

- Pal R, Pani P (2016) “**Seasonality, Barrage (Farakka) Regulated Hydrology and Flood Scenarios of the Ganga River: A Study Based on MNDWI and Simple Gumbel Model**” *Modeling Earth Systems and Environment*, 2(57), 1-11, doi: 10.1007/s40808-016-0114-x (Scopus Indexed, Web of Science)  
<https://doi.org/10.1007/s40808-016-0114-x>
- Pal R, Biswas SS, Mondal B, Pramanik MK (2016) “**Landslides and Flood in the Tista Basin (Darjiling and Jalpaiguri Districts): Historical Evidence, Causes and Consequences**” *Journal of Geophysical Union*, 20(2), 66-72 (Web of Science)
- Pal R, Pani P (2016) “**Recent Changes in Braided Planform of the Tista River in the Eastern Lobe of the Tista Megafan, India**” *Earth Science India*, 9(2), 104-113, (UGC Care, Web of Science)
- Pramanik MK, Biswas SS, Mondal B, Pal R (2015) “**Coastal Vulnerability Assessment of the Predicated Sea Level Rise in the Coastal Zone of Krishna- Godavari Delta Region, Andhra Pradesh, East Coast of India**” *Environment, Development and Sustainability*, 18, 1635-1655, doi: 10.1007/s10668-015-9708-0 (Scopus Indexed, Web of Science)  
<https://doi.org/10.1007/s10668-015-9708-0>
- Pramanik MK, Biswas SS, Mukherjee T, Roy AK, Pal R, Mondal B (2015) “**Sea Level Rise and Coastal Vulnerability Along the Eastern Coast of India through Geo-spatial Technologies**” *Journal of Geophysics and Remote Sensing*, 4(2), 1-8, doi: 10.4172/2169-0049.1000144 (Scopus Indexed, Web of Science)  
<http://dx.doi.org/10.4172/2169-0049.1000144>

### Book/ Book Chapter

---

---

- Pal R (2023) “**Spatio-Seasonal Runoff and Discharge Variability in the Ganga River Basin, India: A Hydrometeorological Perspective**” pages 185-193, In: P. K. Shit et. al. (Eds.), *Geospatial Practices in Natural Resources Management*, Pub: Springer International Publishing. DOI: [10.1007/978-3-031-38004-4\\_9](https://doi.org/10.1007/978-3-031-38004-4_9)
- Biswas SS, Pal R, Pani P (2018) “**Application of Remote Sensing and GIS in Understanding Channel Confluence Morphology of Barakar River in Western Most Fringe of Lower Ganga Basin**”, pages 139-153, In: Das B, Ghosh S, Islam A(eds.) *Quaternary Geomorphology in India. Geography of the Physical Environment*. Springer, Cham. (Web of Science) [https://doi.org/10.1007/978-3-319-90427-6\\_8](https://doi.org/10.1007/978-3-319-90427-6_8)

### Conferences

---

---

- “**Historiography: Recent Trends**”, National Conference on Historiography, 2<sup>nd</sup> July 2021, School of Liberal Arts, Noida International University, Noida
- “**Late Quarternary Tectonics and Geomorphological Evolution of Damodar- Kanshabati Interfluve of Bengal Basin, India**”, Conference on environmental and Ecological Sustainability: Engaging the Stakeholders, 4-5 October 2018, School of Interdisciplinary and Trans- disciplinary Studies, IGNOU, New Delhi

## Dr. Raghunath Pal

---

---

- **“Influence of the Quarternary Tectonics on Drainage Structure in the Damodar- Kanshabati Interfluve of Bengal Basin, India”**, 30<sup>th</sup> IGI Conference on Geomorphology, 3-5 October 2018, Department of Geography, Jamia Millia Islamia, New Delhi
- **“Recent Changes in the Braided Planform of the Tista River in the Eastern Lobe of the Tista Megafan, India”**, National Conference on Human Impact on Landscapes, 29-31 October 2015, Department of Geography, North- Eastern Hill University, Shillong
- **“Role of Human Induced Factors in Changing the Fluvial System: A Case Study of the Barakar River, India”**, National Conference on Geomorphology and Geospatial Technology in Environment Management and Societal Development, 14-17 November 2014, Vidyasagar University, Midnapore

## Workshops

---

---

- **“Rethinking the Importance of Mental Health”**, 10<sup>th</sup> September 2021, Noida International University, Noida
- **“OSL Analysis on LexsygSmart Reader”**, 29<sup>th</sup> April- 3<sup>rd</sup> May 2019, Jawaharlal Nehru University, New Delhi
- **“Hydrometeorological Disaster Management”**, 15<sup>th</sup> May 2018, Jawaharlal Nehru University, New Delhi (Online)
- **“Emerging Hydrometric Techniques for Discharge Estimation and Rating Curve Development”**, 3-8 April 2017, Indian Institute of Technology, Roorkee
- **“Introduction to R”**, 23-25 March 2015, Jawaharlal Nehru University, New Delhi

## Faculty Development Programmes

---

---

- **“Future Learning Skills and Techniques”**, 10-14 March 2022, Noida International University, Noida
- **“Research in Social Sciences: Contemporary Trends, Perspectives and Pedagogy”**, 7-13 February 2022, Jawaharlal Nehru University and Galgotias University, New Delhi

## Faculty Induction Programmes

---

---

- UGC sponsored Faculty Induction Programme (FIP), 12<sup>th</sup> July- 17<sup>th</sup> August 2023, HRDC- Aligarh Muslim University, Aligarh

## Awards and Achievements

---

---

- Awarded University Grants Commission (UGC) National Entrance Test (NET) Senior Research Fellowship (SRF) in Geography for the period 2015-2018

## Dr. Raghunath Pal

---

---

- Awarded University Grants Commission (UGC) National Entrance Test (NET) Junior Research Fellowship (JRF) in Geography for the period 2013-2015
- Qualified West Bengal State Entrance Test (WB SET) in Geography in 2012
- Qualified Council of Scientific & Industrial Research (CSIR) National Entrance Test (NET) in Earth Sciences in December 2011
- Awarded University Silver Medal for securing second position in B.A./ B.Sc in Geography at Vidyasagar University, Midnapore

### Declaration

---

---

I, the undersigned, hereby testify that the above-said information is true to the best of my knowledge and belief.

Date:  
24<sup>th</sup> July 2023

Signature  
*Raghunath Pal*