

## Curriculum Vitae/Resume

**Name:** Dr. Raghunath Pal

**Date of Birth:** 14.01.1989

**Designation:** Assistant Professor

**Department:** Geography, Vidya Bhabana, Visva-Bharati, Santiniketan, Bolpur, West Bengal, India, Pin-731235

**Email:** [raghunath.pal@visva-bharati.ac.in](mailto:raghunath.pal@visva-bharati.ac.in) , [raghunath.geo17@gmail.com](mailto:raghunath.geo17@gmail.com)

Academic Profile			
Year	Degree	Board/College/University	Remarks
2005	High School (10 <sup>th</sup> )	WBBSE	1 <sup>st</sup>
2007	Higher Secondary (12 <sup>th</sup> )	WBCHSE	1 <sup>st</sup>
2010	B.Sc. Hons. in Geography	Panskura Banamali College/Vidyasagar University	1 <sup>st</sup>
2012	M.Sc. in Geography	Banaras Hindu University (BHU)	1 <sup>st</sup>
2015	M.Phil. in Geography	Jawaharlal Nehru University (JNU)	1 <sup>st</sup>
2020	Ph.D.	Jawaharlal Nehru University (JNU)	Role of Quaternary Tectonics on Drainage Morphology in the Damodar-Kanshabati Interfluvium of Bengal Basin, India
2011	CSIR NET in Earth Sciences	CSIR	
2013	UGC NET-JRF in Geography	UGC	
2018	Basic of remote sensing and GIS	Edusat e-learning	Certificate Course (3 months)
2018	Remote sensing and GIS applications	Edusat e-learning	Certificate Course (1 month)
2021	Appointed as an Assistant Professor of Geography in SLA	Noida International University (NIU), Noida, UP	
2022	Appointed as an Assistant Professor of Geography in AISSK	Amity University Kolkata, New Town, Kolkata, WB	

2022	Appointed as an Assistant Professor in the Department of Geography	Visva-Bharati, Santiniketan, Bolpur, WB	
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**Award:**

1. A university silver medal for securing second position in B.Sc. in geography at Vidyasagar University, Midnapore (2010).
2. UGC NET JRF (2013) and SRF (2015)

**Area of Specialization:**

**Fluvial Geomorphology, Application of Remote Sensing and GIS, Hazard Studies**

**Research and Publications:**

Scopus H index		8		Web of Science H index		8	
Sl. no.	Title	Published in	Year	Published by	Authorship		
1	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 Sciences Volume 22, Issue 1, pp 1-10 Doi: <a href="https://doi.org/10.1016/j.ejrs.2018.01.007">10.1016/j.ejrs.2018.01.007</a>	2019	Elsevier (Scopus indexed, Web of Science)	First		
2	Bank vulnerability and avulsion modeling of the Bhagirathi-Hugli river between Ajay and Jalangi confluences in lower Ganga Plain, India	Model. Earth Syst. Environ., Volume 2, Issue 2, pp. 1-13, ISSN: 2363-6211, DOI: 10.1007/s40808-016-0125-7	2016	Springer (Scopus indexed, Web of Science)	First		

3	Seasonality, barrage (Farakka) regulated hydrology and flood scenarios of the Ganga River: a study based on MNDWI and simple Gumbel model	Model. Earth Syst. Environ. (2016) 2:57, Volume 2, Issue 2, pp. 1-11, DOI 10.1007/s40808-016-0114-x	2016	Springer (Scopus indexed, web of science )	First
4	Landslides and Floods in the Tista Basin (Darjeeling and Jalpaiguri Districts): Historical Evidence, Causes and Consequences	Journal of Indian Geophysical Union, v.20, no.2, pp: 66-72	2016	Indian Geophysical Union (Web of Science)	First
5	Recent Changes in Braided Planform of the Tista River in the Eastern Lobe of the Tista Megafan, India	Earth Science India, Vol. 9 (II), April, 2016, pp.104 - 113	2016	Earth Science India (UGC Care listed, Web of Science)	First
6	Bank erosion and accretion dynamics explored by GIS techniques in lower Ramganga river, Western Uttar Pradesh, India	Spatial Information Research Vol. 25, No. 1, 2017 pp. 23-38	2017	Springer (Scopus indexed, Web of Science)	Co-author
7	Meandering-braiding aspects of the middle-lower part of the Ganga River, India	Journal of Indian Geophysical Union Vol.21, No.3, pp: 191-197	2017	Indian Geophysical Union (Web of Science)	Sole

8	Urban expansion and wetland shrinkage estimation using a GIS-based model in the East Kolkata Wetland, India	Ecological Indicators Vol. 83, 62-73	2017	Elsevier (Scopus indexed, Web of Science)	Co-author
9	Coastal vulnerability assessment of the predicted sea level rise in the coastal zone of Krishna-Godavari delta region, Andhra Pradesh, east coast of India	Environment, Development and Sustainability, 2015, DOI 10.1007/s10668-015-9708-0	2015	Springer (Scopus indexed, Web of Science)	Co-author
10	Climatic influence on the magnitude of COVID-19 outbreak: a stochastic model-based global analysis	International Journal of Environmental Health Research, 2020, DOI: 10.1080/09603123.2020.1831446	2020	Taylor and Francis (Scopus indexed, Web of Science)	Co-author
11	Application of Remote Sensing and GIS in Understanding Channel Confluence Morphology of Barakar River in Western Most Fringe of Lower Ganga Basin	Quaternary Geomorphology in India (as a book chapter)  DOI: 10.1007/978-3-319-90427-6	2018	Springer International Publishing AG  Web of Science-Book Citation Index (BKCI)	Co-author

12	Sea Level Rise and Coastal Vulnerability along the Eastern Coast of India through Geo-spatial Technologies	Journal of Geophysics & Remote Sensing DOI: <a href="https://doi.org/10.4172/2469-4134.1000145">10.4172/2469-4134.1000145</a> Corpus ID: 55744511	2015	Longdom	Co-author
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### Attended Faculty Development Programmes (FDP):

FDP 1	7-13 February, 2022	Research in Social Sciences: Contemporary Trends, Perspectives and Pedagogy	Organized by Galgotias University and Jawaharlal Nehru University
FDP 2	10-14 March, 2022	Future Learning Skills and Techniques	Organized by Noida International University

### Teaching Experience:

Years	Course Title	UG/PG	Insatitution	Remarks
2016-2017	RD 401 Geomorphology and Pedology with special reference to India &	MA (Practical class)	CSR/D/SSS, JNU	Monsoon & Winter Semesters (Teaching assistantship)
2017-2018	RD 525 Fluvial Processes in Geomorphology			
2021-2022	BA (Honours) and MA Geography	M BA Honours and MA	Dept. Of Geography, School of Liberal Arts, Noida International University	Assistant Professor
08.08.2022 Onwards	B.Sc. (Honours) and M.Sc. Geography	B.Sc. (Honours) and M.Sc.	Department of Geography, Amity Institute of Social Sciences, Amity University kolkata	Assistant Professor-I

**Conference/ Seminar/Workshop:**

Geomorphology and Geospatial Technology in Environment Management and Societal Development (National)	14-17 Nov, 2014	Present a paper: <i>Role of human induced factors in changing the fluvial system: a case study of the Barakar River, India</i>	Dept. of Geography and Environment Management and Department of Remote Sensing and GIS, Vidyasagar University, Midnapore in Digha. Indian Institute of Geomorphologists (IGI)
Human Impact on Landscapes (National)	29-31 Oct, 2015	Present a paper: <i>Recent changes in the braided planform of the Tista river in the Eastern lobe of the Tista Megafan, India</i>	Dept. of Geography, North-Eastern Hill University, Shillong. Indian Institute of Geomorphologists (IGI)
30 <sup>th</sup> IGI conference on geomorphology	3-5 October, 2018	Paper title: <i>Influence of late Quaternary tectonics on drainage structure in the Damodar-Kanshabati interfluve of Bengal basin, India</i>	Dept. of Geography, Jamia Millia Islamia, New Delhi
Environmental and ecological sustainability: engaging the stakeholders	4-5 October, 2018	<i>Late Quaternary tectonics and geomorphological evolution of Damodar-Kanshabati interfluve of Bengal basin, India</i>	School of interdisciplinary and trans-disciplinary studies, IGNOU, New Delhi
Historiography	02 July, 2021	<i>Historiography: Recent Trends</i>	School of Liberal Arts, Noida International University

Introduction to 'R'	23-25 Mar, 2015		Centre for the Study of Regional Development, Jawaharlal Nehru University, New Delhi
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Emerging Hydrometric Techniques for Discharge Estimation and Rating Curve Development	03-08 April, 2017		Indian Institute of Technology, Roorkee
Hydrometrological Disaster Management- One Day online Workshop	15- May- 2018		EDUSAT Institutes Old, CSRD/SSS, JNU, New Delhi
OSL Analysis on Lexsys Smart Reader	29 <sup>th</sup> April- 3 <sup>rd</sup> May 2019		Centre for the Study of Regional Development, Jawaharlal Nehru University, New Delhi
Suicide Prevention Day	10 September, 2021	Rethink the importance of Mental Health	School of Liberal Arts, Noida International University