

Curriculum Vitae

Name : **Dr. Krishnendu Gupta**
Date of Birth : 02-09-1967
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Present Position : Assistant Professor, Grade-II
Department of Geography
Vidya- Bhavana, Visva-Bharati

Date of Joining in Visva-Bharati : 01-07-2011 (As Assistant Professor)

Educational Attainments:

- Ph.D. in Applied Geomorphology from Visva-Bharati University, 2003.
- Post graduate Diploma in Remote Sensing Application in Human Settlement Analysis (Urban and Regional Planning) from Indian Institute of Remote Sensing, Dehradun, 1992.
- M.A. in Geography, Spl. in Regional Planning from Visva-Bharati University, 1990.

Area of Expertise/Interest: Applied Geomorphological studies, Watershed management, Urban and Regional studies

No. of Research Scholar: Awarded- 09, Working -04 and submitted -01

Research Experience:

Publications in National/International Journals:

Sl.No	Title with volume, number and page number	Journal Name	ISBN/ISSN/ Categorization Refereed/Non Refereed	Whether you are the main author or Co-author	Link
1	Mango culture as depicted in Gambhira folklore October 2020(online)	Geojournal Springer DOI: 10.1007/s10708-020-10323-z	ISSN: 0343-2521 (print); 1572-9893 (web) (Refereed)	Co-author	https://link.springer.com/article/10.1007/s10708-020-10323-z

2	Spatial Development Planning in peri-urban space of Burdwan city, WestBengal, India:Statutory infrastructure as mediating factors Vol 2(11),pp1-19,2020	SN Applied Sciences Springer	ISSN No.2523-3971 Open Access, Peer Reviewed Scopus Indexed	Co-author	https://link.springer.com/10.1007/s42452-020-03587-0
3	Application of Graph-Based Model for the Quantification of Transport Network in Peri- Urban Interface of Burdwan City, India, Vol 28 (4), pp-447-457, 2019	Spatial Information Research, Springer	2366-3286 (Refereed)	Co-author	https://link.springer.com/article/10.1007/s41324-019-00305-w
4	Soil survey to support land use/land cover planning in BPS and BPM region in Gangajalghati block, West Bengal, Vol 27 (5), pp-573-586, 2019	Spatial Information Research, Springer	2366-3286 (Refereed)	Co-author	https://link.springer.com/article/10.1007/s41324-019-00257-1
5	Morphotectonic analysis of the Sali River basin,Bankura District, West Bengal, Vol 12 (7), pp-1-14, 2019	Arabian Journal of Geoscience, Springer	1866-7511 (Referred)	Co-author	https://link.springer.com/article/10.1007/s12517-019-4406-0
6	Peri-Urban livelihood dynamics: a case study from Eastern India, Vol: XVIII (1), pp-40-52, 2019	Forum Geographic, Romania	1583-1523 (Refereed)	Co-author	http://forumgeografic.ro/2020/2543/
7	Impact of Socio-Economic factors on Floriculture in Kolaghat C D. Block, PurbaMedinipur, Vol: 4 (3), pp-61-69, 2019	International Journal of Innovative Studies in Sociology and Humanities	2456-4931 (Referred)	Co-author	https://ijissh.org/storage/Volume4/Issue3/IJISSH-040308.pdf
8	Driving forces of peri-urban growth of an Indian city: The Burdwan example, 2019	Indian Journal of Regional Science, Kolkata	0046-9017 (Referred)	Co-author	https://www.researchgate.net/publication/338790290
9	Trend and spatial pattern of area, production and productivity of mango crop in Malda district, West Bengal: A geographical analysis, Vol: 50(1), Pp-	Indian Journal of Regional Science,	0046-9017 (Referred)	Co-author	https://www.indianjournals.com/ijor.aspx?target=ijor:ijrs&volume=50&issue=1

	103-107, 2018	Kolkata			&article=011
10	Delineation of ground water potential zone in Sali River basin, West Bengal, India using remote sensing, GIS and MIF techniques Vol: 11(3), Pp- 332 – 347, 2018.	Ethiopian Journal of Environmental Studies & Management	1998-0507 (Refereed)	Co-author	https://www.researchgate.net/publication/343366209
11	Marketing efficiency and constraints analysis of fresh mango in Malda District, West Bengal, Vol:32(1), Pp-21-36,2018	Indian Journal of Agricultural Marketing	0971-8664 (Refereed)	Co-author	https://www.indianjournals.com/ijor.aspx?target=ijor:ijam&volume=32&issue=1&article=002
12	Mapping peri-urbanization in a non-primate city: A case study of Burdwan, Vol: V (11), Pp-6065-6081, 2018	European Academic Research	2286-4822 (Refereed)	Co-author	http://euacademic.org/UploadArticle/3466.pdf
13	A Geographical Study of Fresh Mango Export in Malda District, West Bengal, Vol: 59(2), pp-147-160, 2018	Indian Journal of Social Research	0019-5626 (Refereed)	Co-author	http://www.academic-and-law-series.com/component/content/article.html?id=1078
14	A Spatio-Temporal analysis of cropping pattern and agricultural productivity in Birbhum District, West Bengal, Vol: 49(2), Pp-146-153, 2017	Indian Journal of Regional Science, Kolkata	0046-9017 (Referred)	Co-author	https://www.indianjournals.com/ijor.aspx?target=ijor:ijrs&volume=49&issue=2&article=019
15	Mango Cultivation in Malda District, West Bengal: A Historical Perspective, Vol. 21(4), pp-309-318, 2017	Asian Agri-History	0971-7730 (Referred)	Co-author	
16	Assessment of water logging in Pagla river basin, Eastern India, By remote sensing and GIS	Researchers World - Journal of Arts, Science & Commerce	2231 -4172 (Refereed)	Co-author	https://www.worldwidejournals.com/international-journal-of-scientific-research-(IJSR)/article/morphometric-analysis-of-pagla-river-basin-eastern-india-using-geographical-information-system-gis/MTIxNDQ=?is=1
17	Morphometric analysis of Pagla river basin, Eastern India using Geographical Information System (GIS), Vol: 6(9), Pp-573-576, 2017	International Journal of Scientific Research	2277 – 8179 (Refereed) DOI:10.36106/ijsr	Co-author	https://www.researchgate.net/publication/352213252
18	Relationship between Net Irrigated area And Net Sown Area Mapping in Simlapal Block of Bankura District: An Assessment, Vol. 8 (08), pp-37443-37450, 2016	International Journal of Current Research	0975-833X (Refereed)	Co-author	http://mail.journalcra.com/article/relationship-between-net-irrigated-area-and-net-sown-area-

					mapping-simlapal-block-bankura
19	Changes in socio-economic and health condition of rehabilitated slum dwellers in Kolkata, West Bengal, Vol: 1(2), Pp-117-122, 2016	International Journal of Human Capital in Urban Management	2476-4698 (Refereed) DOI: 10.22034/ijh cum.2016.01.02.005	Co-author	http://www.ijh cum.net/article_21422.html
20	Conceptualising Medical Geography, Vol: 38(1), Pp-127-135, 2016	Transactions of the Institute of Indian Geographers	0970-9851 (Refereed)	Co-author	http://iigeo.org/wp-content/uploads/2016/09/12_Conceptualising-Medical-Geography.pdf
21	Child Marriage of Girls: A Violation to Health in Malda District, West Bengal, Vol:47(1), Pp-57-64, 2015	Indian Journal of Regional Science, Kolkata	Print ISSN : 0046-9017. Online ISSN : 2456-6519 (Refereed)	Main author	https://www.indianjournals.com/ijor.aspx?target=ijor:ijrs&volume=47&issue=1&article=008
22	Perspective Research to Investigate the Socio-Economic Sketch of Coal Mine Territory: An Integral Scrutiny, Vol: 1(2), Pp-165-172, 2015	International Journal of Innovative Research and Creative Technology	2454-5988 (Refereed)	Co-author	https://www.researchgate.net/publication/282020768
23	Spatio-Temporal Changes of Settlement Along the Urban Corridor of Asansol Durgapur Region Using Remote Sensing and GIS Techniques, Vol. 4, No. 10, pp-1-11, (2015)	Golden Research Thoughts	Print ISSN: 2231-5063 Peer-reviewed	Main author	http://oldgrt.lbp.world/ViewPdf.aspx?id=5434
24	Morphometric Analysis of the Polygenic Drainage Basin: A Study in Sali River, Bankura District, West Bengal, Vol. 4, No. 2, pp-11-23, (2014)	Geo-Analyst	ISSN 2249-2909 (Print), Peer-reviewed	Co-author	http://gswb.in/wp-content/uploads/2015/04/NO.2-1.pdf
25	Growth and Development of Medical Geography and Its Thrust Area, Vol. 17, No. 2, pp. 77-88, (2013)	Practising Geographer	ISSN 0975-3850 (Print), Peer-reviewed	Co-author	https://www.academia.edu/29187265/GROWTH_AND_DEVELOPMENT_OF_MEDICAL_pdf
26	Regional Disparities in the Level of Agricultural Development in West Bengal: A District Level Study, Vol. 3, No. 1, pp. 77-88, (2013)	Indian Streams Research Journal	ISSN: 2230-7850 (Online) Peer-reviewed Journal DOI:10.9780/22307850	Co-author	http://oldisrj.lbp.world/ArchiveArticle.aspx?ArticleID=2060

28	Agricultural Water Utilisation Through HAPA System: A Study on Bankura District, West Bengal, Vol. 2, No. 1, pp. 146-150, (2012)	Geo-Analyst	ISSN 2249-2909 (Print), Peer-reviewed	Co-author	http://gswb.in/geo-analyst-issn-2249-2909-volume-2-number-2-december-2012/
29	Impact of Educational Institution on Literacy and Gender Gap: Correlation and Regression Modelling in Murshidabad, West Bengal, Vol: 4, No. 2, pp- (2012)	Geo-Analyst	ISSN 2249-2909 (Print), Peer-reviewed	Co-author	http://gswb.in/wp-content/uploads/2012/08/v2n1jully2012_10.pdf
30	Municipal Solid Waste Management: A Case Study of Tarkeswar-Temple Town in Hooghly District, Vol. 16, No. 2, pp. 221-231, (2012).	Practising Geographer	ISSN 0975-3850 (Print), Peer-reviewed	Co-author	
31	Role of Climate and Geomorphic Process in Regolith Development: A Study in Dwarakeswar River Basin, Vol. XXIV No. 1&2 pp- 11-26, (2008)	Hill Geographer	ISSN. 0970-5023	Main author	
32	Urban morphology of a medium size Town: A case study of Bolpur Municipality, Vol. XXXXI, No2, pp.95-109, (2007)	Indian Journal of Regional Science	ISSN. 0046-9017	Co-author	
33	Rural Surface Water Management: A Case study of Birbhum district, West Bengal, Vol. VI No.1-4, pp. 69-75, (1993)	Journal of Applied Hydrology	ISSN. 0971-670X Peer-reviewed	Co-author	
34	Remote sensing and Monitoring of Urban sprawl and Analysis – A case study of Delhi City, Vol. XI (1), pp.30-35, (1993)	Journal of Social Science and Humanities, North Eastern Hill University	ISSN.0972-8406 Peer-reviewed	Co-author	

Articles/Chapters published in Books:

Sl. No	Articles/Chapters and Title with page numbers	Book title, Editor & Publisher	ISBN/ISSN No	Whether main author/ Co-author
1	Remote Sensing and GIS Application for Sustainable Land Use/Land Cover Management in Sonamukhi Block, Bankura District, West Bengal.pp138-153	Proceedings on Application of Space and Modern Technology in Agriculture and Environment, Mukund Publication, New Delhi. 2020	978-93-84335-35-9	Co-author
2	Remote Sensing and GIS Application for ecologically sustainable water resource management in Sonamukhi Block,Bankura District,West Bengal.pp63-74	Hydrology: Application of Remote Sensing and GIS. Edited By Niranjan Bhattachrajee. Synergybooksindia, New Delhi. 2020	978-81-944668-7-1	Co-author

3	Impact of Stone Mining on Environment and Local Livelihoods: A Case Study of Mohammad Bazar Block, Birbhum, pp19-124	West Bengal: Geoinformatics for Sustainable Environment Management, Netaji Subhas Open University	978-93-82112-63-1	Co-author
4	Resource Inventory and Information System: An Approach for Micro-level Planning. pp92-102	Geomorphology and Remote Sensing. Edit.by Prof V.C Jha. acbpublications,Kolkata 2000	81-87500-01-08	Main-author

Seminar/Symposium/ Conference:

Participated / Paper presented in Ten National and International seminars/conferences

Research Project:

Co-Principal investigator(PI Prof V.C Jha,Dept.of Geography,Visva-Bharati) of a R&D project entitled “Land Degradation, Desertification and Integrated Management of the lateritic surfaces in Birbhum District, West Bengal Using Field and Remote Sensing techniques sponsored by Department of Science and Technology,Govt. of West Bengal from April 2006 to Nov 2008.The total amount sanctioned for the project was nearly 9.00 lakhs

Working Experience :

- Worked as cartographer in the Department of Geography, Visva-Bharati University from May 1997 to June 2011.
- Worked as Senior Project Scientist and Group Head since September 1995 to May 1997 in the State Remote Sensing Centre, Department of Science and Technology, Govt. of West Bengal, Kolkata in the IMSD project, in collaboration with NRSA, Department of Space, Govt. of India.
- Worked as Project Scientist from December 1993 to August 1995 in the State Remote Sensing Centre, Department of Science and Technology, Govt. of West Bengal, Kolkata in the Project entitled “Integrated Mission for Sustainable Development” (In collaboration with National Remote Sensing Agency, Department of Space, Govt. of India).
- Part time lecturer in June 1992 to April 1997 in the Department of Geography, Visva-Bharati University, Santiniketan, West Bengal.
- Field Investigator in the Indian Council of Agricultural Research sponsored project entitled “Agricultural Efficiency Relations and Optimum Landuse Pattern” between 15.09.1990 – 03.02.1992 in the Department of Geography, Visva-Bharati University, West Bengal.

Courses attended :

- Attended seven days refresher course on ‘Soil Testing and Fertilizer Application’ sponsored by the Department of Science and Technology, Government of West Bengal, Organised by Soil Testing Laboratory, Palli Siksha Bhavana, Visva-Bharati University.
- Undergone one month training on Microstation, GIS, Mapping and Image Processing modules of Intergraph Softwares on Rolta Station 6001 conducted by Rolta India Ltd. (Sponsored by State Remote Sensing Centre, DST & NES, Govt. of W.B.).

Membership in professional bodies:

- i. Life Member in the *Indian Society of Remote Sensing (ISRS)*, IIRS, Dehradun, India, since 1991.
- ii. Fellow in the *Institute of Landform Ecology and Ekistics*, Department of Geography, Calcutta since 1994.
- iii. Life Member in the *Indian National Cartographic Association (INCA)*, Since 1998.
- iv. Life Member in *The Hill Geographer*, North Eastern Hill University, Shillong since 2008.
- v. Life Member in the *Indian Journal of Regional Science*, Kolkata , Since 2009
- vi. Life Member in the *Practising Geographer*, Kolkata, Since 2012