

WORKING AS

ASSISTANT PROFESSOR,
DEPARTMENT OF
GEOGRAPHY AND APPLIED
GEOGRAPHY, UNIVERSITY OF
NORTH BENGAL

DR. INDRAJIT ROY CHOWDHURY

ASSISTANT PROFESSOR



ABOUT ME

Dr. Indrajit Roy Chowdhury started his academic work in the field of Urban and Regional Planning, Transport Geography, GIS and remote sensing. He has more than 70 research publications in high-quality peer reviewed journals in the topics covering from urban environmental and infrastructural issues, regional planning, women empowerment and gender related issues in the various reputed international and national journals like International Journal of Humanities and Social Science Invention, International Journal of Research and Analytical Review, Geographical Review of India, Transactions, Indian Journal of spatial science and many other standard peer reviewed journals and edited books and monographs. Noteworthy to mention these publications are under the house of Elsevier, Sage and Springer entitled the Journal of Modelling Earth Systems and Environment, Arabian Journal of Geosciences and, Environmental Challenges, Sustainability, MDPI, Environment, Development and Sustainability, Springer, Geo-journal, Geo-Carto International, Current Research in Environmental Sustainability, Elsevier, Voice of Dalit, Sage and many more. Dr. Roy Chowdhury has published three edited volumes entitled 'Contemporary Regional Problems: Issues and Challenges (2020) Rajesh Publication, New Delhi, ISBN: 978-81-84687-25-7. Population, Development and Environmental Sustainability Challenges and Opportunities (2021): Rajesh Publication, New Delhi, ISBN: 978-93-91139-21-6 and Contemporary Issues of Urban Development in 21st Century: Planning and Practices (2022): Rajesh Publication, New Delhi, ISBN: 978-93-91139-48-3 His research has been funded by the Department of Science and Technology, Government of India and Government of West Bengal. Dr. Roy Chowdhury has recently completed a project on the '**Problem and Prospect and Opportunities of Homestay Tourism in Sub-Himalayan North Bengal**' funded by the University of North Bengal. Dr. Roy Chowdhury has been funded by ICSSR, New Delhi for Major Research Project, entitled '**Understanding Quality of Life (QoL) of the Tribe in the hilly region of Darjiling and Kalimong District, West Bengal, India: A Future Road Map Towards Sustainable Development**' He has also been completed by another minor research project funded by the University of North Bengal entitled '**Assessment of Livelihood Status of Tribal Communities in Darjiling Himalayan Region: A Geographical Study**'. He has also supervised another funded collaborative project with AKD Centre of Planning and Development, Viswabharati University Shantiniketan, West Bengal India, entitled '**Effect of COVID**

CONTACT

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SOCIETAL MEMBERSHIP

- I. Deccan Geographers, Pune.
- II. National Association of Geographers(NAGI), Delhi.
- III. Institute of Landscape, Ecology and Ekistics (ILEE), Kolkata
- IV. Indian Society of Remote Sensing (ISRS), Dehradun

EDUCATION

 **UNIVERSITY OF CALCUTTA**
B.Sc.
2005

 **UNIVERSITY OF CALCUTTA**
M.Sc.
2007

EDUCATION

 **UNIVERSITY OF CALCUTTA**
B.Ed.
2008

 **UNIVERSITY OF CALCUTTA**
M.Ed.
2009

EDUCATION

 **UNIVERSITY OF CALCUTTA**
Ph.D.
2015

Topic: Urban Transport and Related Emission in Kolkata City

19 outbreak on the Quality of Life of the Toto Tribe in Madarihat-Birpara Block, Alipurduar District, West Bengal, India'. He has served as a reviewer for many international journals. Dr. Roy Chowdhury did his graduation in Geography Honours from Asutosh College, Kolkata in 2005 and did his Masters in Geography from University of Calcutta in 2007. He was awarded Ph.D. degree by the University of Calcutta in 2015. His area of research in Ph.D. was '**Urban Transport and Vehicular Emissions in Kolkata city**'. A number of research scholars are also carrying out M.Phil. and Ph.D. research work under his supervision.

EXPERIENCE

ASSISTANT PROFESSOR (PRESENT)

Post Graduate Department of Geography & Applied Geography, University of North Bengal, Darjeeling, West Bengal
(11.07.2017 to till date)

ASSISTANT PROFESSOR

UG Department of Geography, Subarnarekha Mahavidyalaya, Jhargram, West Bengal
(15.06.2017 to 10.07.2017)

COLLEGE APPOINTED CONTRACTUAL WHOLE TIME TEACHER

UG & PG Department of Geography, Prabhu Jagatbandhu College, Howrah, West Bengal
(05.01.2016 to 14.06.2017)

GUEST LECTURER

UG Department of Geography Jadavpur university, Jadavpur, West Bengal
(24.08.2015 to 04.01.2016)

GUEST LECTURER

UG Department of Geography, Jogamayadevi College (Kolkata)
(01.02.2013 to 31.06.2015)

PART TIME LECTURER IN GEOGRAPHY

UG Department of Geography, Jotirmoyee School of Education (B.Ed.), Sonarpur
(01.03.2014 to 31.12.2015)

ASSISTANT CO-ORDINATOR

Netaji Subhas Open University
(01.06.2013 to 31.05.2015)

HONOURS & AWARDS

1. UGC-NET (2007, 2008)
Geography
2. Young Scientist Award,
International Conference,
Organized by Department of
Chemistry, Tribhuvandas
University, Kathmandu,
Nepal, December, 2015

HONOURS & AWARDS

3. Best Paper
Achievement Award
in Social Science
Category in 3rd
Regional Science and
Technology Congress,
Department of
Science, Technology
and Bio-Technology,
Government of West
Bengal, 2018.

SUBJECT SPECIALIZATION

*-Urban Geography
-Population Geography
-Environmental Geography
-Regional Planning &
Development
-Transport Geography
-Geography of Tourism
-RS-GIS*

GUEST LECTURER

PG Department of Geography, Vidyasagar University (Distance Education) Jogamayadevi College(Kolkata)
(01.02.2013)

FULL TIME CONTRACTUAL LECTURER

Under graduate (b.ed) Department of Geography, Jagadish Chandra basu siksha ksikshanmaha vidyalaya, Garfa.
(01.03.2010-31-06-2011)

ASSISTANT TEACHER

Dhulagori Adarsha Vidyalaya (Howrah)
(17.11.2007-31.06.2012)

PROFESSIONAL & CERTIFICATE EXPERIENCE

❖ **STATISTICS**

1. Passed a certificate course on "Understanding SPSS & its Application in Research", Organised A.K Dasgupta Centre for the Planning and Development, Visva Bharati, Santiniketan held on 4th to 8th September 2018.
2. Passed a certificate course on "2nd Workshop on Statistical Techniques Used in Research", Organised by Department of Statistics, The University of Burdwan, held on 21st to 24th February, 2017.

❖ **GIS & REMOTE SENSING**

1. One Week AICTE Sponsored Online Short-Term Training Programme on Basic of Remote Sensing, Geographical Information System (GIS) and Global Navigation Satellite System (GNSS), Organised by Francis Xavier Engineering College, 21-26 September 2020.
2. Passed a certificate course on "Introduction to Digital Photogrammetry", Organised by National Remote Sensing Centre (NRSC), Hyderabad, held on 22nd to 26th August 2016.
3. Passed a certificate course on "Open Source Software-Q-GIS", Organised by Webel and Opsis System, Kolkata, held on 18th May to 19th June 2016.

AREA OF RESEARCH INTEREST

- Application of RS-GIS
- Social & Cultural Geography
- Geography of Rural development
- Human Geography
- Geography of Tourism
- Regional Planning and Development

RESEARCH EXPERIENCE

- No. of Ph.D. students:** (a) Supervised: Nil (b) Ongoing: 04.
- No. of M.Phil. Students:** (a) Awarded: 02 (b) Ongoing: 0
- No. of M.Sc. Dissertation:** (a) Supervised: 65

SERVE AS REVIEWER

- Environment, Development & Sustainability*
- Modeling Earth System & Environment*,
- Geojournal*
- Risk Analysis*
- Geographical Review of India*
- International Journal of Human Rights*

4. Passed a certificate course on "Open Source Software-Q-GIS", Organised by Webel and Opsis System, Kolkata, held on 18th May To 19th June 20 course on "Workshop on GPS and Total Station Survey" Organised by Webel and Opsis System, Kolkata, held on 18th And 19th June 2016.
5. Passed a certificate course on "Certificate on Remote Sensing and GIS on 21st Century Software" Organised by 21st Century GIS Academy, Kolkata, held on May 2014 to September 2014.

ADMINISTRATIVE EXPERIENCE

1. Members, U.G board of studies, Department of Geography and Applied Geography, NBU
2. Organised Two Days National Seminar on "Environment, Development and Sustainability" as an Organising Secretary at North Bengal University, Jalpaiguri Campus, March, 2019.
3. Co-investigator, UGC SAP DRS-II programme on Disaster Management in Sub-Himalayan North Bengal, 2016-2021.
4. Core Committee members, Training and Placement cell.
5. Members, executive council, Indian society of remote sensing.
6. Working committee member, Visiting professors team, NBU.
7. Coordinator, Aikataan Cultural club, NBU.

LIST OF PUBLICATIONS

❖ RESEARCH PAPERS

1. Roy, Subham, Arghadeep Bose, Debanjan Basak, and Indrajit Roy Chowdhury. "Towards sustainable society: the sustainable livelihood security (SLS) approach for prioritizing development and understanding sustainability: an insight from West Bengal, India." *Environment, Development and Sustainability* (2023): 1-32. <https://doi.org/10.1007/s10668-023-03456-x>
2. Roy, S., & Chowdhury, I. R. (2023). Three Decades of GIS Application in Spatial Crime Analysis: Present Global Status and Emerging Trends. *The Professional Geographer*, 1-23. <https://doi.org/10.1080/00330124.2023.2223250>
3. Roy, Subham, Suranjan Majumder, Arghadeep Bose, and Indrajit Roy Chowdhury. "Does geographical heterogeneity influence urban quality of life? A case of densely populated Indian

- city." *Papers in Applied Geography*. (2023): 1-29. <https://doi.org/10.1080/23754931.2023.2225541>
4. Majumder, Suranjan, Subham Roy, Arghadeep Bose, and Indrajit Roy Chowdhury. "Multiscale GIS based-model to assess urban social vulnerability and associated risk: Evidence from 146 urban centers of Eastern India." *Sustainable cities and Society* (2023): 104692. <https://doi.org/10.1016/j.scs.2023.104692>
 5. Bose, Arghadeep, Debanjan Basak, Subham Roy, Indrajit Roy Chowdhury, Hazem Ghassan Abdo, Mohammed Aldagheiri, and Hussein Almohamad. "Evaluation of Urban Sustainability through Perceived Importance, Performance, Satisfaction and Loyalty: An Integrated IPA-SEM-Based Modelling Approach." *Sustainability* 15, no. 12 (2023): 9788. <https://doi.org/10.3390/su15129788>
 6. Roy, S., Bose, A., Majumder, S., Roy Chowdhury, I., Abdo, H. G., Almohamad, H., & Abdullah Al Dughairi, A. (2022). Evaluating urban environment quality (UEQ) for class- I Indian city: an integrated RS-GIS based exploratory spatial analysis. *Geocarto International*, 2153932. <https://doi.org/10.1080/10106049.2022.2153932>
 7. Roy, S., Bose, A., & Chowdhury, I. R. (2022): Darkness Under the City Lights: A Qualitative Study on the life of Urban Homelessness, Evidences from Siliguri City of West Bengal, India, *GeoJournal*, Springer, <https://doi.org/10.1007/s10708-022-10753-x>
 8. Roy, S., Singha, N., Bose, A., Basak, D., & Chowdhury, I. R. Multi-influencing factor (MIF) and RS-GIS-based determination of agriculture site suitability for achieving sustainable development of Sub-Himalayan region, India. *Environ Dev Sustain* (2022). <https://doi.org/10.1007/s10668-022-02360-0>
 9. Muhammad. S, Bose, A., Basir. B, Basak, D, Roy, S, Chowdhury, I. R, Als Salman. &A, Tsurusaki. N (2021) Urban Expansion Simulation Based on Various Driving Factors Using a Logistic Regression Model: Delhi as a Case Study, *Sustainability*, MDPI Journal, Sustainability 2021, 13(19),10805; <https://doi.org/10.3390/su131910805>
 10. Basak, D, Bose, A, Roy, S., & Chowdhury, I. R. (2021). Understanding Sustainable Homestay Tourism as a Driving Factor of Tourist Satisfaction through Structural Equation Modelling: A Case of Darjeeling Himalayan, Region, India, *Current Research in Environmental Sustainability*, Elsevier, Volume 3, 2021, 100098, <https://doi.org/10.1016/j.crsust.2021.100098>
 11. Roy, S., Bose, A., Singha, N., Basak, D., & Chowdhury, I. R. (2021). Urban waterlogging risk as an undervalued environmental challenge: An Integrated MCDA-GIS based modeling approach. *Environmental Challenges*, 4, 100194. <https://doi.org/10.1016/j.envc.2021.100194>
 12. Roy, S., Bose, A., & Chowdhury, I. R. (2021). Flood risk assessment using geospatial data and multi-criteria decision approach: a study from historically active flood-prone region of Himalayan foothill, India. *Arabian Journal of Geosciences*, 14(11), 1-25. [10.1007/s12517-021-07324-8. https://doi.org/10.1007/s12517-021-07324-8](https://doi.org/10.1007/s12517-021-07324-8)
 13. Kayal, P., Majumder, S., & Chowdhury, I. R. (2022). Modeling the spatial pattern of potential groundwater zone using MCDM-AHP and geospatial technique in sub- tropical plain region: a case

- study of Islampur sub-division, West Bengal, India. *Sustainable Water Resources Management*, 8(6), 185. DOI: <https://doi.org/10.1007/s40899-022-00759-1>
14. Majumder, S., Kayal, P., Chowdhury, I. R., & Das, S. (2022). Regional disparities and development in India: evidence from Wroclow Taxonomy and K-means clustering. *Geo Journal*, 1-34. DOI: <https://doi.org/10.1007/s10708-022-10805-2>
 15. Roy, S., Basak, D., Bose, A., & Chowdhury, I. R. (2023). Citizens' perception towards landfill exposure and its associated health effects: a PLS-SEM based modeling approach. *Environmental Monitoring and Assessment*, 195(1), 1-19. <https://doi.org/10.1007/s10661-022-10722-4>
 16. Majumder, S., & Chowdhury, I. R. (2023). Quality of Life and Associated Determinants among Female Tea Garden Workers of Indigenous Communities in Sub-Himalayan West Bengal, India: A Cross-Sectional Mixed Methods. *Contemporary Voice of Dalit*, <https://doi.org/10.1177/2455328X221150627>
 17. Majumder, S., Roy, S., Bose, A., & Chowdhury, I. R. (2022). Understanding regional disparities in healthcare quality and accessibility in West Bengal, India: A multivariate analysis. *Regional Science Policy & Practice*. <https://doi.org/10.1111/rsp3.12607>
 18. Bose, A., & Roy Chowdhury, I. (2023). Investigating the association between air pollutants' concentration and meteorological parameters in a rapidly growing urban center of West Bengal, India: a statistical modeling-based approach. *Modeling Earth Systems and Environment*, 1-16. <https://doi.org/10.1007/s40808-022-01670-6>
 19. Bose Arghadeep & Roy Chowdhury, Indrajit (2020): Monitoring and Modelling of Spatio temporal Urban Expansion and Land use / land cover change using markov chain model: A case Study in Siliguri Metropolitan Area, West Bengal, India, *Modelling earth System and Environment*, Springer, ISSN:2363-6203 <https://link.springer.com/article/10.1007/s40808-020-00842-6>
 20. Chowdhury, Debarati, and Indrajit Roy Chowdhury. "Knowledge and Practices of Menstrual Hygiene of the Adolescent Girls of Slums in Siliguri City, India: A Cross-Sectional Study." *Global Social Welfare* 10, no. 2 (2023): 167-179. <https://doi.org/10.1007/s40609-023-00281-y>
 21. Barman, M & Chowdhury, I.R. (2023). Assessing the Quality of Life (QOL) of Scheduled Tribes in Darjiling District of West Bengal using World Health Organization Quality of Life (WHOQOL)- 100. 14.
 22. Basak Debanjan & Roy Chowdhury, Indrajit (2020): Achievement and Failure of MGNREGA (Financial Year: 2017-18) at Panchayat Level with Special Reference to Nishiganj Gram Panchayat, Mathabhanga II Block, Coochbehar District, West Bengal, *Geographical Thought*, An Annual Journal of Department of Geography & Applied Geography, University of North Bengal, ISSN: 2229-466X, Volume: XVIII, 2020.
 23. Bose Arghadeep & Roy Chowdhury, Indrajit (2020): Mukha: The Art of Wooden Mask Associated with Economic and Social Empowerment of the Rural Mukha Makers: A Case Study of Kushmandi Block, Dakshin Dinajpore, *Geographical Thought*, An Annual Journal of Department of Geography & Applied

- Geography, University of North Bengal, ISSN: 2229-466X, Volume: XVII,2019.
24. Roy Chowdhury, Indrajit (2020):Societal Representation of Folk Culture: A Case of Chhow Mask Makers in Charida Village, Purulia, West Bengal, *Geographical Thought*, An Annual Journal of Department of Geography & Applied Geography, University of North Bengal, ISSN: 2229-466X, Volume: XVI,2018
 25. Chowdhury, I.R (2018): Future Prospect of AMRUT: A New Initiative for Good Governance in Urban Spheres of West Bengal, *The Observer*, The Students Geographical Association, Department of Geography, University of Calcutta,
 26. Chowdhury, I.R (2017):Profile of e-rickshaw Services as a Green Mode of Transport: A Case Study of Andul-Mouri Suburban Area, Howrah *The Observer*, The Students Geographical Association, Department of Geography, University of Calcutta, Vol:53, ISSN:2230-9535
 27. Chowdhury, I.R & Chatterjee Riyanka (2016): Development and Environment: Are They Contradictory? A Case Study of Manali Town, *The Observer*, The Students Geographical Association, Department of Geography, University of Calcutta, Vol:53, ISSN:2230-9535.
 28. Basak Debanjan & Roy Chowdhury, Indrajit (2020): Achievement and Failure of MGNREGA (Financial Year: 2017-18) at Panchayat Level with Special Reference to Nishiganj Gram Panchayat, Mathabhanga II Block, Coochbehar District, West Bengal, *Geographical Thought*, An Annual Journal of Department of Geography & Applied Geography, University of North Bengal, ISSN: 2229-466X, Volume: XVIII, 2020
 29. Basak Debanjan & Roy Chowdhury, Indrajit (2019): Geographical Accounts of Rural Livelihood and sustainability: A Case Study of Sital Pati makers of Ghugumari Village, Koch Bihar District, *International Journal of Research and Analytical Reviews (IJRAR)*, Volume 6, Issue 2, PP. 158- 166, ISSN: 2349-5138.
 30. Bose Arghadeep& Roy Chowdhury, Indrajit (2019): Impact of Expansion of Bypass Road for Asian Highway Development Project (AH) on Temporal Change detection of Land Use and Land Cover along the Linear Corridor of Siliguri- Jalpaiguri: A Geo-Spatial Analysis, *International Journal of Research and Analytical Reviews (IJRAR)*, Volume 6, Issue 2, PP. 176190, ISSN:2349-5138.
 31. Rajbanghshi Nirmal & Roy Chowdhury, Indrajit (2019): Man-Animal Conflict in North Bengal With Special Reference to Jharmatiali And Uttarkalamati Village Along The Forest Fringe Area of Gorumara National Park, *International Journal of*

- Research and Analytical Reviews (IJRAR), Volume 6, Issue 2, PP. 87-101, ISSN: 2349-5138.
32. Chanda Santanu & Roy Chowdhury, Indrajit (2019): Measurement and Monitoring of Road Traffic Congestion at Siliguri Air View More Traffic Intersection Point: A Geo- Planning Perspective, International Journal of Research and Analytical Reviews, Vol: 6, Issue: 1, PP. 161-172, ISSN: 2349- 5138.
 33. Pradhan Subhojit & Roy Chowdhury, Indrajit (2019): A Geo- Planning Appraisal of Acute Water Scarcity and Associated Problems in Selected CD Blocks of Bankura District: West Bengal, International Journal of Research and Analytical Reviews, Vol: 6, Issue: 1, PP. 173-187, ISSN:2349-5138
 34. Roy Chowdhury, Indrajit (2019): Rural Planning and Associated Development: A Micro Level Case Study of Aushgram land II Block, Burdwan district, West Bengal, International Journal of Basic and Applied Research, ISSN:2278-0505
 35. Kayal Prosenjit & Roy Chowdhury, Indrajit (2018): Level of Human Development of Raiganj C.D Block, Uttar Dinajpur District, West Bengal: A Geographical Analysis, International Journal of Research and Analytical Reviews, Vol: 5, Issue: 4, PP. 619- 628, ISSN:2349-5138
 36. Ghosal Soumik & Roy Chowdhury, Indrajit (2018): Land Degradation and its Possible Consequences on the Environment: A Case Study of Amta Gram Panchyat, Haora, West Bengal, International Journal of Research and Analytical Reviews, Vol: 5, Issue: 4, PP. 619-628, ISSN:2349-5138.
 37. Chowdhury, I.R (2018): Future Prospect of AMRUT: A New Initiative for Good Governance in Urban Spheres of West Bengal, The Observer, The Students Geographical Association, Department of Geography, University of Calcutta, Vol:53, ISSN:2230-9535.
 38. Chowdhury, I.R (2017): Profile of e-rickshaw Services as a Green Mode of Transport: A Case Study of Andul- Mouri Suburban Area, Howrah The Observer, The Students Geographical Association, Department of Geography, University of Calcutta, Vol:53, ISSN:2230-9535

39. Chowdhury, I.R & Chatterjee Riyanka (2016): Development and Environment: Are They Contradictory? A Case Study of Manali Town, The Observer, The Students Geographical Association, Department of Geography, University of Calcutta, Vol:53, ISSN:2230-9535.
40. Chowdhury I.R (2016): Scenario of Traffic Noise Pollution and its Impact on Human Health: An Empirical Case Study of Kolkata City, International Journal of Current Research, Vol: 8, Issue: 06, June, ISSN:0975-833X
41. Chowdhury, I.R (2016): Scenario of On Street Parking Demand: A Case Study of Kolkata City, India, Research Journal of Recent Science, International Science Community Association, Vol: 5, ISSN-2277-2502.
42. Chowdhury, I.R (2015) : Implementation of Inclusive Practices: A way Towards Comprehensive School Reforms: A Case Study of Blooming Dale Academy, Evolving Horizon, An Interdisciplinary Journal of Education, Humanities, Social and Behavioural Sciences, Satyapriya Roy College of Education, Vol:4, November, ISSN:2319-6521.
43. Chowdury, I.R (2015): Traffic Congestion and Environmental Quality :A Case Study of Kolkata City, International Journal of Humanities and Social Science Invention (IJHSSI), Invention Journal, Volume: 4, Issue:7, p-ISSN:2319-7714.
44. Chowdury, I.R & Saha Biswajeet (2015): Impact of Facebook as a Social Networking Site on Youth Generation: A Case Study of Kolkata City , International Journal of Humanities and Social Science Invention (IJHSSI), Invention Journal, Volume: 4, Issue:6, p-ISSN:2319-7714.
45. Chowdury, I.R (2015): Scenario of Vehicular Emission and its Effect on Human Health: A case Study of Kolkata City, International Journal of Humanities and Social Science Invention (IJHSSI), Invention Journal, Volume: 4, Issue:5, p-ISSN: 2319- 7714.
46. Chowdury, I.R (2014): Sarva Siksha Mission and Primary Education in Kolkata: Changes and Challenges, International Journal of Humanities and Social Science Invention (IJHSSI), Invention Journal, Volume: 3, Issue: 2, p-ISSN: 2319-7714.

47. Chowdhury, I.R. (2010): Mass Transport Services in Kolkata City, Indian Journal of Landscape System and Ecological Studies, Vol: 33, Issue: 1

❖ EDITED BOOKS

1. Contemporary Regional Problems: Issues and Challenges (2020): Edited by Dr. I.R. Chowdhury (Chief Editor) and Arghadeep Bose, Debanjan Basak, Mijanur Rahaman (Sub-Editors), *Rajesh Publication*, New Delhi, ISBN: 978-81-84687-25-7.
2. Population, Development and Environmental Sustainability Challenges and Opportunities (2021): Edited by Dr. I. R. Chowdhury (Editor), *Rajesh Publication*, New Delhi, ISBN: 978-93-91139-21-6
3. Contemporary Issues of Urban Development in 21st Century: Planning and Practices (2022): Edited by Dr. I. R. Chowdhury (Editor), *Rajesh Publication*, New Delhi, ISBN: 978-93-91139-48-3

❖ BOOK CHAPTERS

1. Roy, Subham, Arghadeep Bose, Debanjan Basak, and Indrajit Roy Chowdhury. "Open landfill site and threat to the proximity resident's: Addressing perceived consequences of unscientific solid waste dumping using GIS techniques." In *Urban Environment and Smart Cities in Asian Countries: Insights for Social, Ecological, and Technological Sustainability*, pp. 237-261. Cham: Springer International Publishing, 2023. https://doi.org/10.1007/978-3-031-25914-2_11
2. Basak, Debanjan, Arghadeep Bose, Subham Roy, and Indrajit Roy Chowdhury. "Understanding the forest cover dynamics and its health status using GIS-based analytical hierarchy process: a study from Alipurduar district, West Bengal, India." In *Water, Land, and Forest Susceptibility and Sustainability*, pp. 475-508. Elsevier, 2023. <https://doi.org/10.1016/B978-0-323-91880-0.00014-3>
3. Kayal, P., Chowdhury, I.R. (2022). Impact of Frequent Cyclonic Storms on Land Use and Land Cover Changes along the Coastal Areas of Indian Sundarban. In: Islam, M.N., Amstel, A.v. (eds) *India II: Climate Change Impacts, Mitigation and Adaptation in*

- Developing Countries. Springer Climate. Springer, Cham. https://link.springer.com/chapter/10.1007/978-3-030-94395-0_2
4. Suranjan Majumder & Chowdhury I. R. (2022): Role of Students Socio-Economic status on online Learning And Open Book Examination in the Higher Education: Evidences from India During COVID-19 Outbreak, Impact of COVID-19 on Health and Economic Issues of India , Prof. Debashis Bhattacharya and Daya Shankar Kushwa (Edited) New Delhi Publisher, New Delhi, ISBN: 978-93-93878-53-3 pp. 51- 90.
 5. Guneswar Barman & Chowdhury I. R. (2022): COVID-19 Pandemic Crisis on Migrant Labours: A Geographical Study in Sitai Block, Cooch Behar District, West Bengal, Impact of COVID-19 on Health and Economic Issues of India (2022): Prof. Debashis Bhattacharya and Daya Shankar Kushwa (Edited) New Delhi Publisher, New Delhi, ISBN: 978-93-93878-53-3 pp. 115-154
 6. Chowdhury Debararati & Chowdhury I. R. (2021): Factors Influencing Selection of Homestay: An Exploratory Study of Visitors? Behaviour Characteristics in Darjeeling District, West Bengal: Book: Population, Development and Environmental Sustainability Challenges and Opportunities (2021): Edited by Dr. I.R. Chowdhury (Editor) Rajesh Publication, New Delhi, ISBN: 978-81-947715-1-7 pp. 172-189.
 7. Chowdhury Debararati & Chowdhury I. R. (2020): An Assessment of the Status of Household Solid Waste and its Management : A Case Study of Jalpaiguri Municipality, West Bengal , India : An Insight, Environmental Sustainability in the 21st Century: Emerging Issues and the Way Forward, Ranjan Sarkar (Edited)) Namaya Press , New Delhi, ISBN: 978-81- 947715-1-7 pp.343-355
 8. Kayal Prasenjit & Chowdhury I. R. (2020) : Role of Micro Finance in Empowering Rural Women : An Empirical Study of Falta C.D Block, South 24 Parganas District, West Bengal , Geography in the 21st Century: Emerging Issues and the Way Forward, Ranjan Sarkar (Edited)) Namaya Press , New Delhi, ISBN: 978-81- 947715-9-3 pp. 135- 158.
 9. Bose Arghadeep, Mandal Gautam & Chowdhury I.R.(2020): A Study on Inter Block Level Regional

Disparity Analysis of Uttar Dinajpur District, West Bengal , Geography in the 21st Century: Emerging Issues and the Way Forward, Ranjan Sarkar (Edited)) Namaya Press , New Delhi, ISBN: 978-81-947715-9-3 pp.225-249

10. Basak Debanjan & Chowdhury I. R. (2020) : Economic Performance Analysis and Problems of Selected Micro, Small and Medium Scale Industry (MSME): A Study of Mathabhanga Municipality , Cooch Behar District, West Bengal, Geography in the 21st Century: Emerging Issues and the Way Forward, Ranjan Sarkar (Edited)) Namaya Press , New Delhi, ISBN: 978-81-947715-9-3 pp.249-274
11. Majumder Suranjan & Chowdhury I. R. (2020) : Gender Disparity in Literacy Status: A Case Study of Nadia District, West Bengal, India , Education in the 21st Century: Emerging Issues and the Way Forward, Ranjan Sarkar (Edited)) Namaya Press , New Delhi, ISBN: 978-81-947715-8-6 pp. 206-232
12. Kayal Prasenjit & Chowdhury I. R. (2020) : Role of Micro Finance in Empowering Rural Women : An Empirical Study of Falta C.D Block, South 24 Parganas District, West Bengal , Geography in the 21st Century: Emerging Issues and the Way Forward, Ranjan Sarkar (Edited)) Namaya Press , New Delhi, ISBN: 978-81-947715-9-3 pp. 135- 158
13. Rahaman Mijanur & Chowdhury I. R. (2020) : Assessment of Urban Infrastructure Facilities and Developmental Prospect of Haldibari Municipality: A Geo Planning Perspective , Contemporary Issues of Urbanisation in North Bengal, Arindam Basak (Edited)) LAP Lambert Academic Publishing, ISBN: 978-620-2-80140-9 pp.37-78
14. Chowdhury I. R. (2020): Measurement and Monitoring of Road Traffic Congestion at Siliguri: A Geographical Perspective, Contemporary Issues of Urbanisation in North Bengal, Arindam Basak (Edited)) LAP Lambert Academic Publishing, ISBN: 978-620-2-80140-9 pp.93-162
15. Chowdhury I. R. (2020): Future Exploration of AMRUT Mission: A New Initiative for Urban Good Governance in West Bengal, India, Sustainable Urbanisation in East India: Presents Trends and

- Future Concerns, Prabir Kumar Kundu (Edited)) Levant Books, Sarat Book Distributors, ISBN: 978-93-2-88099-43-4 pp.93-162
16. Maitra Amlan & Chowdhury I. R. (2020): A Comparative Study on Urban Planning of Chandigarh and Amritsar City: A Geographical Analysis, Contemporary Regional Problems: Issues and Challenges, Chowdhury I. R. et al. (Edited)) Rajesh Publication, New Delhi, ISBN: 978-81-84687-25-7 pp. 1-41
 17. Ghosh Ashis & Chowdhury I. R. (2020): Traffic Congestion and its Impact on Environment: A Geo-Environmental Study between Chandigarh and Amritsar,
 18. Chowdhury. et al. (Edited). Contemporary Regional Problems. Rajesh Publication, New Delhi, ISBN: 978-81-84687-25-7, pp.42-96
 19. Chanda Santanu & Chowdhury I. R. (2020): Measurement and Monitoring of Road Traffic Congestion at Siliguri Air View More Traffic Intersection Point: A Geo- Planning Perspective, Contemporary Regional Problems: Issues and Challenges, Chowdhury I.R. et al. (Edited)) Rajesh Publication, New Delhi, ISBN:978-81-84687- 25-7,pp.97-121
 20. Das Koushik & Chowdhury I.R. (2020) :An Overview on Water Supply and Sanitation Facilities of Chandigarh and Amritsar: Challenges and Concerns, Contemporary Regional Problems: Issues and Challenges, Chowdhury I. R. et al. (Edited)) Rajesh Publication, New Delhi, ISBN: 978-81-84687-25-7, pp.122-173
 21. Barman Krishna & Chowdhury I.R.(2020): Solid Waste Management in Chandigarh and Amritsar: Practices and Challenges, Contemporary Regional Problems: Issues and Challenges, Chowdhury I.R. et al. (Edited)) Rajesh Publication, New Delhi, ISBN: 978-81- 84687-25-7, pp.174-224
 22. Sarkar Madhumita & Chowdhury I. R. (2020): Comparative Study on Urban Morphology of Chandigarh and Amritsar City: A Geographical Analysis, Contemporary Regional Problems: Issues and Challenges, Chowdhury I. R. et al. (Edited)) Rajesh Publication, New Delhi, ISBN: 978-81-84687-25-7, pp. 225-276.
 23. Majumdar Nishikanta & Chowdhury I. R. (2020): Connectivity and Accessibility of Transport Infrastructure in Chandigarh and Amritsar City: A Spatio- Temporal Study, Contemporary Regional Problems: Issues and Challenges, Chowdhury I. R. et al. (Edited))

Rajesh Publication, New Delhi, ISBN: 978-81- 84687-25-7,pp.277-343

24. Ali Rasan & Chowdhury I.R. (2020): Health Care Infrastructure in Chandigarh and Amritsar: A Geo Environmental Perspective, Contemporary Regional Problems: Issues and Challenges, Chowdhury I.R. et al.(Edited) Rajesh Publication ,New Delhi, ISBN: 978-81-84687-25-7,pp.344-374
25. Pradhan Subhajit & Chowdhury I. R. (2020): A Geo-Planning Appraisal of Acute Water Scarcity and Associated Problems in Selected CD Blocks of Bankura District, West Bengal, Contemporary Regional Problems : Issues and Challenges Chowdhury I.R. et al.(Edited)) Rajesh Publication, New Delhi, ISBN: 978-81- 84687-25- 7, pp375- 398
26. Bhattacharjee Swaraj & Chowdhury I. R. (2020): Tourism in Chandigarh and Amritsar City: Potentialities, Problems and Possibilities, Contemporary Regional Problems: Issues and Challenges, Chowdhury I. R. et al. (Edited)) Rajesh Publication, New Delhi, ISBN: 978-81-84687-25-7, pp. 399-467
27. Chowdhury, I.R (2020): Retrospective Implementation of Smart City Mission: A Case Study of Vijag City, Andhra Pradesh, , Application of Geospatial Technology in Geomorphology and Environment, IGI Seminar Proceedings, University of North Bengal, ISBN:978-81-925799-3-1
28. Prasenjit Kayal & Chowdhury, I. R (2020):Selected Indicators for Rural Development: A Case Study of Raiganj Community Development Block, Uttar Dinajpur District, West Bengal, India, Socio Economic Development and Environmental Sustainability, The Indian Perspective, Edited By Dr. Ranjan Sarkar, Namya Press.com, ISBN: 978- 93-90124-61-9.
29. Chowdhury, I.R (2019): Man and Animal Conflict in Jharkhali Region with Special Reference to Sunderban Region, Prasanga Sunderban, ISBN:978-81- 940447-0-3
30. Chowdhury, I.R (2019): Eco friendly Fuel Efficient Mode of Vehicles: An Alternative Planning for Mitigating Environmental Hazards in Siliguri, Disaster Management in Sub- Himalayan North Bengal, Published by Registrar, University of North Bengal, ISBN978- 81-921692-9-3

DETAILS OF CONFERENCES & SEMINARS

1. Roy Chowdhury, Indrajit (2008): "A Way to Rural Development at Kotghi Village in Rudraprayag District" Poverty and Development in South Asia, International Seminar, Organised by ILEE, University of Calcutta.
2. Roy Chowdhury, Indrajit (2010): "Vehicular Emissions and Its Effect on Human Health in Kolkata City" Ganga Delta: Planning Perspective, National Seminar, Organised by SAP DRS I, Department of Geography, University of Calcutta.
3. Roy Chowdhury, Indrajit (2010): "Modern Methods for the Study of Human Development Prospect Rudraprayag, Auli Areas, Uttaranchal" Research Method and Techniques for Sustainable Development in India, National Conference, Organised by ILEE, University of Calcutta.
4. Roy Chowdhury, Indrajit (2011): "Efficiency of Bus Services and Its Role on Rural Urban Linkages" Technology, Energy and Sustainable Rural Development, International Conference, Organised by Benaras Hindu University
5. Roy Chowdhury, Indrajit (2011): "Case Study on Pollution Status, Nature and Its Management on Bhagirathi-Hoogli River in West Bengal" Natural Resource Management, National Seminar, Organised by SAP DRS I, Department of Geography, University of Calcutta.
6. Roy Chowdhury, Indrajit (2011): "Mass Transport and Vehicular Emission in Kolkata City" Transport In Kolkata: Problem and Policies, National Conference, Organised by Department of Economics, University of Calcutta
7. Roy Chowdhury, Indrajit (2012): "Waste Water Treatment and Management: A Case Study of East Kolkata Wetland" Dimensions of Development and Resource Conservation, International Seminar, Organised by East Kolkata Wetland Development Board, Kolkata

8. Roy Chowdhury, Indrajit (2012): "Slums as a Hindrance to Urban Growth: A Case Study of Kolkata City" National Association of Geographers India (NAGI) 33rd Indian Geography Congress, National Conference.
9. Roy Chowdhury, Indrajit (2012): "Cycle Rickshaw as a Green Vehicle: A Case Study of Kolkata City" IGU Conference, Kerala, National Conference, Organised by Institute of Social Science Studies, Kerala.
10. Roy Chowdhury, Indrajit (2013): "Effect of Vehicular Emission on Human Health: A Case Study of Kolkata City" IIG Conference Rohtak, Haryana, International Conference.
11. Roy Chowdhury, Indrajit (2014): "Sarva Siksha Mission and Primary Education in Kolkata" Osmania University, Hyderabad, National Conference.
12. Roy Chowdhury, Indrajit (2014): "Scenario of Inclusive Education: A Case Study of Blooming Dale Academy, Kolkata" All Bengal Teacher's Training Institute, National Conference.
13. Roy Chowdhury, Indrajit (2014): "On Street Parking Scenario in Kolkata City" National Seminar, Organised by ILEE, University of Calcutta.
14. Roy Chowdhury, Indrajit (2015): "Effect of Vehicular Emission on Human Health: A Case Study of Kolkata City" National Seminar, Organised by SAP DRS II, Department of Geography, University of Calcutta.
15. Roy Chowdhury, Indrajit (2015): "Globalisation and Inclusive Education: Looking Beyond Sustainable Development" Organised by Cumming University China, International Conference.
16. Roy Chowdhury, Indrajit (2015): "Women Empowerment through Self-Help Group: A Case Study of Satgachia Ps, Budge Budge, and South Twenty Four Parganas" Organised by Department of Geography, Raidighi College, National Conference.
17. Roy Chowdhury, Indrajit (2015): "Water Quality Assessment of Barapani Lake near Shillong City" Organised by Department of Geography, Women Christian College, National Conference.

18. Roy Chowdhury, Indrajit (2015): "Traffic Congestion Scenario and Environmental Quality: A Case Study of Kolkata City" Udaipur, Rajasthan, India, International Conference.
19. Roy Chowdhury, Indrajit (2015): "On Street Parking Demand: A Case Study of Kolkata City" Organised by Department of Chemistry, Tribhuvan Das University, Kathmandu, Nepal, International Conference.
20. Roy Chowdhury, Indrajit (2016): "Emerging Trends of Urban Development: Udaipur as A Smart City" Department of Geography, University Of Calcutta, International Conference.
21. Roy Chowdhury, Indrajit (2016): "Inequalities in Feminism and Remedies through Right to Education (RTE): An Empirical Case Study on Rural and Urban Areas in West Bengal, Pailan College of Education, International Conference.
22. Roy Chowdhury, Indrajit (2016) "Present Status of Girls Education: A Case Study of Khidderpore Area, Under Kolkata Municipal Corporation" Organised by Foundation of Practicing Geographers, National Conference.
23. Roy Chowdhury, Indrajit (2016) "Scenario of Road Traffic Congestion and Changing Environment in Kolkata City: An Empirical Study" Organised by Department of Geography, Bhairab Ganguly College" National Conference.
24. Roy Chowdhury, Indrajit (2016): "Air Conditioned Bus Services in Kolkata City: Environmental Impact" Organised by Department of Geography, West Bengal State University, National Conference.
25. Roy Chowdhury, Indrajit (2016): "Scenario of Traffic Noise Pollution and its impact on human health: An Empirical Case Study of Kolkata City" Organised by Department of Geography, Aligarh Muslim University, National Conference.
26. Roy Chowdhury, Indrajit (2016): "Emerging Trends of Urban Development: Udaipur a Smart City" Organised by Department of Geography, Osmania University, Hyderabad" International Conference.
27. Roy Chowdhury, Indrajit (2016): "Profile of Air Conditioned Bus Services in Kolkata City: An Environmental Impact and

- Challenges" 38th Indian Geography Congress, University Of Mysore, National Conference.
28. Roy Chowdhury, Indrajit (2016): "Spatial Variation of Automobile Emissions and Its Effect on Human Health: A Case Study of Kolkata City" 36th Inca International Congress, Visva Bharati, International Conference.
 29. Roy Chowdhury, Indrajit (2016): "Emerging Dimension of Biodiversity Conservation: A Case Study of West Bengal" St, Bedes Collegew, Shimla, Himachal Pradesh, India, International Conference.
 30. Roy Chowdhury, Indrajit (2017): "Assessment of Traffic Congestion and Environmental Quality: A Case Study of Kolkata City" Organised by Foundation of Practicing Geographers, National Conference.
 31. Roy Chowdhury, Indrajit (2017): " Identifying the Causes of Water Scarcity and Sustainable Water Conservation for Improving Livelihood in Bankura District, west Bengal : A Geographical Perspective, International conference on Natural Resource Management for Sustainable Development and Rural Livelihood
 32. Roy Chowdhury, Indrajit (2017): "Demand of Fuel Efficient Mode of Vehicles for Sustainable Environment in Kolkata City" Organised by Department Of Geography, Rabindra Bharati University, Kolkata, National Conference.
 33. Roy Chowdhury, Indrajit (2017) "Biodiversity Conservation and Sustainable Eco- Tourism: A Case Study of Jharkhali Region, South 24 Parganas, West Bengal" IGU Conference, International Conference.
 34. Roy Chowdhury, Indrajit (2017) "Eco Friendly Fuel Efficient Mode of Vehicles and Sustainable Environment: A Case Study of Kolkata City" UGC-DRS Seminar, Department Of Geography, University Of Calcutta, National Conference.
 35. Roy Chowdhury, Indrajit (2018) "Eco Friendly Fuel Efficient Mode of Vehicles and Sustainable Environment: An alternative planning for Mitigating Environmental Hazard in Siliguri City" Organized by Department of Geography& Applied Geography, University of North Bengal, UGC SAP DRS II, National Conference.

36. Roy Chowdhury, Indrajit (2018) "Assessment of Road traffic Congestion and its Mitigating Planning Strategies: A case study on Siliguri Air view more traffic intersection point" Department of Geography, University of Gour Banga, International Conference.
37. Roy Chowdhury, Indrajit (2018) "Future Prospect of Amrut: A New Initiative for Good Governance in Urban Spheres of West Bengal" Department of Geography, Rajiv Gandhi University, National Conference.
38. Roy Chowdhury, Indrajit (2018) "Impact of Extension of Bypass road for Asian Highway Development Project on Temporal Change Detection of Land Use and Land Cover along the Linear Corridor of Siliguri-Jalpaiguri: A Geo-Spatial Analysis" 3rd Regional Science and Technology Congress, Department of Science, Technology and Bio-technology, Government of West Bengal, state Conference.
39. Roy Chowdhury, Indrajit (2018) "Road Traffic Congestion and its Detrimental Impact on Environment of Siliguri City: A Geo Environmental Perspective" 3rd Regional Science and Technology Congress, Department of Science, Technology and Bio-technology, Government of West Bengal, state Conference.
40. Roy Chowdhury, Indrajit & Pradhan Subhajit (2019) "Water Scarcity and Drinking Water Problem in Some Selected Community Blocks of Bankura District, West Bengal" Department of Geography & Applied Geography, University of North Bengal , Jalpaiguri Campus, March 15-16, 2019, National Conference.
41. Roy Chowdhury, Indrajit & Bose Arghadeep (2019) "Change Detection Analysis of Land Surface Temperature Associated with Land Use & Land Cover Change in Siliguri City" Department of Geography & Applied Geography, University of North Bengal, Jalpaiguri Campus, March 15-16, 2019, National Conference.
42. Roy Chowdhury, Indrajit & Bhanja Bipul (2019) "An Appraisal of Socio-Economic Status of Gosaba Region, Sundarban, West Bengal: An Empirical Study" Department of Geography & Applied Geography, University of North Bengal, Jalpaiguri Campus, March 15-16, 2019, National Conference.

43. Roy Chowdhury, Indrajit & Kayal Prasenjit (2019) "Level of Human Development: A Case Study of Raiganj CD Block, Uttar Dinajpur District" Department of Geography & Applied Geography, University of North Bengal, Jalpaiguri Campus, March 15-16, 2019, National Conference.
44. Roy Chowdhury, Indrajit & Basak Debanjan (2019) "Rural Livelihood and Sustainability: A Case Study of Sitalpati Makers of Ghugumari Village of Koch Bihar District" Department of Geography & Applied Geography, University of North Bengal, Jalpaiguri Campus, March 15-16, 2019, National Conference.
45. Roy Chowdhury, Indrajit & Basak Debanjan (2019) "Selection of Solid Waste Landfill Suitability Site Using Geographic Information System and Remote Sensing: A Case Study of Cooch Behar Municipality" 4th Regional Science and Technology Congress, Department of Science, Technology and Bio-technology, Government of West Bengal, State Conference.
46. Roy Chowdhury, Indrajit & Bose Arghadeep (2019) "Dynamic Simulation of Urban Expansion Through Markov Chain Modelling and Machine Learning : A Case Study of Siliguri and Adjacent Buffering Domain" 4th Regional Science and Technology Congress, Department of Science, Technology and Bio-technology, Government of West Bengal, state Conference
47. Roy Chowdhury, Indrajit & Rahaman Mijanur (2019) "Delineation of Flood Prone Area Using Geo Spatial Techniques: A Case Study of Alipurduar District, West Bengal, India" 4th Regional Science and Technology Congress, Department of Science, Technology and Biotechnology, Government of West Bengal, State Conference.
48. Roy Chowdhury, Indrajit (2019) "Delineation of Flood Prone Areas Using Remote Sensing and GIS Technique : A Case Study of Alipurduar District, West Bengal, India " 31st IGI Conference and National Seminar on Applications of Geospatial Technology in Geomorphology and Environment, Department Geography & Applied Geography, University of North Bengal, November 12-14, 2019
49. Roy Chowdhury, Indrajit & Basak Debanjan (2019) "Future Prediction Modelling on Land Use and Land Cover Changes and

its Impact on Natural Habitat: A Case Study of JorePokhri Wild Life Sanctuary, Darjeeling, west Bengal, India " 31st IGI Conference and National Seminar on Applications of Geospatial Technology in Geomorphology and Environment, Department Geography & Applied Geography, University of North Bengal, November 12-14,2019

50. Roy Chowdhury, Indrajit & Rajbangshi Nirmal (2019) "Role of Local People for Sustainable Forest Management: A Case Study on Lataguri Forest Fringe and Adjoining Area" 31st IGI Conference and National Seminar on Applications of Geospatial Technology in Geomorphology and Environment, Department Geography & Applied Geography, University of North Bengal, November 12-14, 2019
51. Roy Chowdhury, Indrajit & Bose Arghadeep (2019) "Urban Growth Dynamics Using Remote Sensing to Propose Future Urban Growth in Siliguri and Adjacent Buffering Domain: A Case Study" 31st IGI Conference and National Seminar on Applications of Geospatial Technology in Geomorphology and Environment, Department Geography & Applied Geography, University of North Bengal, November 12-14, 2019.
52. Roy Chowdhury, Indrajit & Mustafi Subham (2021) "Assessment of Spatio-temporal Changes of Urban Green Space: A Case of Kolkata Municipal Corporation"40th INCA International Congress on "Digital Mapping Innovation in Make India Initiatives, Organised by National Atlas Thematic Mapping Organisation in collaboration with INCA, India, February 10-12,2021
53. Roy Chowdhury, Indrajit & Kayal Prasenjit (2021) "Impact of Frequent Cyclonic Storm on Land Use and Land Cover Changes along the Coastal Areas of Indian Sundarban Using Multi-Temporal Remote Sensing Data" 40th INCA International Congress on "Digital Mapping Innovation in Make India Initiatives, Organised by National Atlas Thematic Mapping Organisation in collaboration with INCA, India, February 10-12,2021.

DETAILS OF WORKSHOPS

1. International Symposium on Challenges of Urbanisation and Planning in China and India, organised by Department of Geography, University of Calcutta held on 2nd and 3rd January 2017.
2. 2nd Workshop on Statistical Techniques Used in Research, organised by Department of Statistics, the University of Burdwan held on 21st to 24th February 2017.
3. Introduction to Digital Photogrammetry, organised by National Remote Sensing Centre (NRSC) held on 22nd to 26th August 2016.
4. Open Source Software-Q- GIS, organised by Weibel and Opsis System, held on 18th May to 19th June 2016.
5. Workshop on GPS and Total Station Survey, organised by Weibel and Opsis system, held on 18th and 19th June 2016.
6. UGC Sponsored National Seminar on Education, Skill Development and Economic Growth in India, organised by Department of Economics, Prabhu Jagat Bandhu College, held on 6th and 7th December, 2016.
7. National Seminar on Geography and Development, organised by Department of Geography and Applied Geography, University of North Bengal, Jalpaiguri Campus, held on 1st March, 2020.
8. One Day Webinar on Air Quality During lockdown: Experience of West Bengal, organised by Department of Geography, Sahid Matangini Hazra Government College for women, West Bengal, 2nd October, 2020.
9. Geographical Perspective of Water Resource and Challenges, organised by Russian Geographical Society and The National Association of Geographers, India (NAGI), held on 16th July, 2020.
10. International Webinar on Covid-19 Pandemic: A Geo Ecological Perspective, organised by Foundation of Practicing Geographer, Kolkata, held on 26th and 27th September, 2020. An Open Air State Level Workshop on Environment, River and Man, organised by Department of Geography, Siliguri Mahila Mahabidyalaya, Siliguri, Darjeeling, held on 21st September, 2019

LIST OF PROJECTS

No	Name of the project and Reference No	Funding Agency/Division	Cost (in lakhs) & Duration	Status
1	Homestay Tourism in North Bengal: Problems and Potentialities (Ref. memo no. 2048/ R-2020 dated 03/07/2020, FY 2020-2021)	University of North Bengal	150000	Completed
2	Assessment of livelihood conditions of tribal communities in Darjiling Himalayan region: A geographical Study (Vide Ref. No. 2299/ R-2022 dated 17/05/2022, FY 2022-2023)	University of North Bengal	150000	Completed
3	A study on the effect of covid-19 pandemic & future adaptation strategies on the livelihood of Toto community in sub-Himalayan North Bengal. (Ref. No. AKD/RP/001/2022-23 dated 19/07/2022, FY 2022-2023)	AKD center for planning and development, Visvabharati University, West Bengal	20,000	Completed
4	21 days National Winter School (level-1) program on "Geospatial Science and Technology" (File No. NRDMS/11/1848/011/L-1/17)	Department of Science and Technology (DST), under National Geospatial Program (NGP), New Delhi	10,00,000	Completed
5	Understanding Quality of Life (QoL) of the Tribes in the Hilly Region of Darjiling- Kalimpong District, West Bengal: A Future Road Map for the Sustainable	Indian Council of Social Science Research (ICSS R)	6,50,000	Ongoing

Development (F.No. Gen-32/2021- 22/ICSSR/RP)			
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SUPERVISING SCHOLARS

Scholars Name	Title of Thesis	Ph.D./ M.Phil.	Fellowship status	Date of Registration
Arghadeep Bose	Urban Transport and Associated Vehicular Emissions in Siliguri City	Ph.D. (ongoing)	NTA UGC NET-JRF	02.01.2019
Debanjan Basak	Role of Self Help Groups on Socio-Economic Empowerment of Rural Women: A study in Mathabhanga Subdivision, Koch Bihar District, West Bengal	Ph.D. (ongoing)	NTA UGC NET-JRF	02.01.2019
Suranjan Majumder	A Geographical Study on Livelihood Status and Associated vulnerabilities of Oraon tribe in Mal Subdivision, Jalpaiguri District, West Bengal	Ph.D. (ongoing)	NTA UGC NET-JRF	02.01.2020
Prosenjit Kayal	Strategies for the Development of Rural Livelihood in Islampur C.D. Block, Uttar Dinajpur District, West Bengal: A Geographical Study	Ph.D. (ongoing)	NTA UGC NET-JRF	02.01.2020
Nirmal Rajbanshi	Role of Forest Protection Committees in the Managements of Forests: A Study on Lataguri Forest Range Under Mal Subdivision, Jalpaiguri District, West Bengal	M.Phil. (awarded)	NTA UGC NET-JRF	03.01.2019

Subham Mustafi	Spatio-Temporal Study of Urban Green Space in Kolkata Municipal Corporation	M.Phil. (awarded)	SVMCM	02.01.2020
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EXTERNAL LINKS

Scopus id:

<https://www.scopus.com/authid/detail.uri?authorId=57217135397>

ORCID id: <https://orcid.org/0000-0001-9491-2999>

Research Gate Profile:

https://www.researchgate.net/profile/Indrajit_Roy_Chowdhury

Google Scholar citations:

<https://scholar.google.com/citations?user=EmOBE60AAAAJ&hl=en&authuser=3&oi=ao>

Web of Science id :

<https://www.webofscience.com/wos/author/record/AAZ-4853-2021>

SKILLS



Declaration

I, Dr. Indrajit Roy Chowdhury, hereby declare that the information contained herein is true and correct to the best of my knowledge and belief.


