

Curriculum Vitae

Dr. Amit Chatterjee

Associate Professor, Department of Geography

Visva-Bharati, Santiniketan, India

(Central University and An Institute of National Importance under Ministry of Education, Govt. of India)

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As an Urban Geographer and a professional Urban and Regional Planner, Dr. Amit Chatterjee has a combined experience of nineteen years in teaching, research and industry and is presently an Associate Professor in the Department of Geography at Visva-Bharati University, Santiniketan, India. Dr. Chatterjee served the industry in various capacities. He had the experience for working for mega planning projects, including Navi Mumbai Special Economic Zone, Dholera town planning scheme, besides formulating the twin city development plan, highway projects in PPP mode, slum-free city planning under RAY across various cities in India. Dr. Amit has completed successfully a number of collaborative research and consultancy projects, including those on Urban Co-benefits (UNU-IAS, Japan), Urban Missions in India- targets, performance and linkages to UN-SDGs (GIZ), Politics of Care in Pandemic Time (UCL's Global Engagement Funds), Urban Biodiversity (UNU-IAS, Japan), Shelter for All under Design Innovation Centre (Govt. of India), National Rurban Mission (Ministry of Rural Development, Govt. of Madhya Pradesh), Spatio-temporal and Socioeconomic rural transformation in Madhya Pradesh (Indian Council of Social Science Research), Development Plan of Saugor Cantonment Area (Saugor Cantonment Board, Ministry of Defence, Govt. of India) and Restoration and conservation of wetlands near urban areas with the help of traditional and local knowledge and citizen science (Joint Research Project under ICSSR, India and JSPS, Japan). Dr. Amit is a member of various professional organizations like International Society of City and Regional Planners (ISOCARP), Institute of Town Planners, India (ITPI), Institute of Urban Transport (IUT), India, National Association of Geographers, India (NAGI), etc. Dr. Chatterjee had published an authored book titled 'Satellite towns in Neo-Metropolitan Development in India-Lessons from Selected Cities' by Springer and an edited book titled 'Urban Water Ecosystems in Africa and Asia: Challenges and Opportunities for Conservation and Restoration', by Routledge, UK. Dr. Amit received appreciation from The United Nations Human Settlements Programme (UN-Habitat) in recognition of contribution towards Sustainable Cities Project in India. He had presented research papers in conferences like ISOCARP, RSAI, RGS, AUC, etc. His research articles appeared in publications like Routledge, Springer, ISOCARP, etc. He has worked with the application of sustainability studies, social and environmental aspects in different geographies in Japan, India, and the UK.

<https://orcid.org/0000-0002-8204-6082>

<https://www.scopus.com/authid/detail.uri?authorId=57191954847>

Qualification:

- PhD in Geography, Vidyasagar University, West Bengal, 2016
[Title: Decentralization of Metropolitan Growth through Revitalization of Satellite towns with case study in Mumbai Metropolitan Region]
- Master of Planning, School of Planning and Architecture, New Delhi, 2006 [First Class, 65.70%]
- M.A. in Geography, Visva-Bharati, Santiniketan, 2004 (Special Paper – Remote Sensing and Image Interpretation) [First Class, 72.12%]
- B.A. in Geography, Visva-Bharati, Santiniketan, 2002 (Special Paper – Remote Sensing) [First Class, 68.37%]
- Higher Secondary, West Bengal Council of Higher Secondary Education (Purulia Zilla School), 1999 [First Division, 70.30%]
- Secondary, The West Bengal Board of Secondary Education (Purulia Zilla School), 1997 [First Division, 79.87%]

Certificate Courses and Training attended:

- Training on ArcGIS 9.3.x from ESRI, India
- Training on ArcGIS Desktop 10 from ESRI, India
- Training on CUBE Base and Voyager from Citilabs
- Training on Statistical Package for the Social Sciences (SPSS) and R Programming Language from Malaviya National Institute of Technology Jaipur (MNIT)
- Certificate Course on Risk Sensitive Land use Planning from World Bank Institute and National Institute of Disaster Management, New Delhi.
- Certificate Course on Comprehensive Natural Disaster Risk Management Framework from World Bank Institute and National Institute of Disaster Management, New Delhi.
- Participated in the one week course on „Scenario Analysis for Planners and Policy Makers“ (by Prof. Arnab Chakraborty, University of Illinois, USA) under GIAN programme.
- Participated in International workshop on Sustainable Cities: Generating Climate Co-benefits in Urban Areas and attended the training programme on Co-benefits Assessment Tool

Work Experience: 19 years (Academic – 13.8 years, Rest 5 years Industrial)**Academic experiences (in descending order):**

1. Associate Professor, Department of Geography, Visva-Bharati, Santiniketan, India [A Central University and An Institute of National importance under Ministry of Education, Government of India] with effect from 18/10/2022 to till date
2. Associate Professor, Department of Geography, Sidho-Kanho-Birsha University (SKBU), Purulia, West Bengal, India [A State University] with effect from January, 2022 to October, 2022

3. Assistant Professor, Department of Urban and Regional Planning, School of Planning and Architecture (SPA), Bhopal, India [An Institute of National importance under Ministry of Education, Government of India] with effect from October, 2011 to December, 2021

Professional/Industry experiences (in descending order):

1. Urban Planner, Design Point Vison India Consult Private Limited, Surat, India, with effect from September, 2010 to October, 2011
2. Senior Manager, Pratibha Industries Limited, Mumbai, India, with effect from December 2009 to August 2010
3. Manager, Urban Transport Infrastructure Private Limited (Reliance Group of Companies), Navi Mumbai, India with effect from July 2006 to November 2009

Fields of Specialization:

- Urban Geography
- Urban and Regional Planning
- Remote Sensing and GIS
- Settlement Geography
- Industrial Geography
- Social Geography

Research and Consultancy Projects (Selected):

- Restoration and conservation of wetlands near urban areas with the help of traditional and local knowledge and citizen science, **Joint Research Project under ICSSR (India)-- JSPS (Japan) Joint Research Programme (Completed, Project Director)**
- Co-benefits approach to Waste Management: A case of Surat, India, funding Agency - **United Nations University- Institute of Advance Studies (UNU-IAS), Japan (Completed, Co-Investigator)**
- Development Plan of Jhansi Cantonment Area, funded under **Jhansi Cantonment Board (Ministry of Defense, Govt. of India (Completed, Principal Investigator)**
- Collaborating for Climate. UK-India faculty, curriculum and network development project for Climate and Carbon Management, (Under Knowledge Economy Partnerships), Funded by **British Council (Partners Queens University, Belfast, IIT, Delhi, Completed, Co-Investigator)**
- Advancing locally based Green Practices to realize establishment of Sound Material Cycle Society in Asian Cities, funded by **Asia Pacific Network (APN) (Completed, Team member)**
- Politics of Care in Pandemic Time: North-South Knowledge sharing on Civil Society Solidarity Networks in London and Kolkata, Funded by **University College of London's Global Engagement Funds 2020/21 (Co-PI, Global Collaborator)** [[Politics of Care in Pandemic Time | Bartlett Faculty of the Built Environment](#)]

- Urban Missions in India: targets, performance and linkages to UN-SDG and Covid-19 Resilient urban Development, Funded by **The Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)** (Urban Expert, Completed)
- Design Innovation Centre (DIC), theme ‘Shelter for All’, Funded by **Ministry of Education, Govt. of India** (Team Member, Completed)
- National Rurban Mission (NRuM), ‘Plans of Seven Cluster Development Madhya Pradesh, Funded by **Ministry of Rural Development, Govt. of Madhya Pradesh** (Co-PI).
- Politics of Care in the Pandemic Time: Investigating Infrastructure of Solidarity Networks, Funded by **The Bartlett Development Planning Unit, University College of London** (Co-PI, Global Collaborator)
- Regional Planning for Coimbatore Region: Landuse Planning and Management, Funded by **The Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)** (Regional Planner, Completed)
- Landuse Planning and Management for Ganjam District and Hinjilcut, Orissa, Funded by **The Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)** (Urban and Regional Planner, Completed)
- Review of Area Based Development proposal of Bhopal Smart City, funded by **Bhopal Smart City Development Corporation Limited (BSCDCL)** (Completed, Team Member)
- Twin City Development Strategy of Baruch and Ankaleshwar, **Gujarat Industrial Development Board (GIDB), India** (Role-Urban Planner)
- Town Planning Scheme 1 (Area 51 sq. km), **Dholera Special Investment Region Development Authority, Gandhinagar**, India (Role-Urban Planner)
- Slum free city planning under Rajeev Awas Yojana (RAY), **Kota Development Authority, India** (Role-Urban Planner)
- Navi Mumbai Special Economic Zone (SEZ) (Role-Urban Planner)
- Global Studio on Local Biodiversity Strategies and Action Plan for Urban Areas of Bhopal, Partners-**UNU-IAS, ICLEI, MP State Biodiversity Board, Funding Agency-Madhya Pradesh State Biodiversity Board** (Role- Coordinator)
- Impact Assessment of Water supply to Gas Affected areas of Bhopal, India, **Bhopal Municipal Corporation (SMC), Bhopal, Madhya Pradesh** (Role-Team member)

Publications:

Book:

- Chakraborty, S., **Chatterjee, A.**, & Kumar, P. (Eds.). (2024). Urban Water Ecosystems in Africa and Asia: Challenges and Opportunities for Conservation and Restoration (1st ed.). **Routledge, London**. <https://doi.org/10.4324/9781003437833> (Scopus)
- **Chatterjee A**, Chattopadhyay RN (2020). Satellite Towns in Neo-Metropolitan Development in India – Lessons from Selected Cities, **Springer, Singapore**. <https://doi.org/10.1007/978-981-15-1502-6> (Scopus)

Book Chapters, White Paper (Selected):

- Shamik Chakraborty, **Amit Chatterjee**, Pankaj Kumar (2024). From urban water resource management to urban water ecosystem management. In: Shamik Chakraborty, Amit Chatterjee, Pankaj Kumar (eds) Urban Water Ecosystems in Africa and Asia: Challenges and Opportunities for Conservation and Restoration, chapter 1, 10 pages, **Routledge, London**. [Urban Water Ecosystems in Africa and Asia | Challenges and Opportunities](#)
- Shamik Chakraborty, Gowhar Meraj, Geetha Mohan, Pankaj Kumar, **Amit Chatterjee**, Shib Sankar Bagdi (2024). Integrated resource use management practices for better urban water management through the application of SES lens. In: Shamik Chakraborty, Amit Chatterjee, Pankaj Kumar (eds) Urban Water Ecosystems in Africa and Asia: Challenges and Opportunities for Conservation and Restoration, chapter 2, 11 pages, **Routledge, London**. [Urban Water Ecosystems in Africa and Asia | Challenges and Opportunities](#)
- Shamik Chakraborty, Gowhar Meraj, Pankaj Kumar, **Amit Chatterjee** (2024). Water ecosystem management in Japan. In: Shamik Chakraborty, Amit Chatterjee, Pankaj Kumar (eds) Urban Water Ecosystems in Africa and Asia: Challenges and Opportunities for Conservation and Restoration, chapter 9, 14 pages, **Routledge, London**. [Urban Water Ecosystems in Africa and Asia | Challenges and Opportunities](#)
- Shamik Chakraborty, Amit Chatterjee, Pankaj Kumar (2024). Challenges and opportunities for urban water ecosystems in Asia and Africa - Conclusions and way forward. In: Shamik Chakraborty, Amit Chatterjee, Pankaj Kumar (eds) Urban Water Ecosystems in Africa and Asia: Challenges and Opportunities for Conservation and Restoration, chapter 15, 6 pages, **Routledge, London**. [Urban Water Ecosystems in Africa and Asia | Challenges and Opportunities](#)
- **Chatterjee, A.**, Mondal, M., Dhar, J., Nazir, M.I. (2023). Positioning of Mumbai in the Indo-Pacific Megacity System: Economic and Transport Opportunities. In: Vinod Kumar, T.M. (eds) Indo-Pacific Smart Megacity System. Advances in 21st Century Human Settlements. **Springer, Singapore**. https://doi.org/10.1007/978-981-99-6218-1_7
- Ray, R., **Chatterjee, A.**, Dutta, K., & Sousa-Limbu, D. (2022). Reimagining Infrastructure of Care in the Pandemic Time: Sketches from Kolkata. In Emma O'Dwyer, Luiz Gustavo Silva Souza (eds) Psychosocial Perspectives on Community Responses to Covid-19 Networks of Trust and Social Change, **Routledge, London**, 14 pages [Reimagining Infrastructure of Care in the Pandemic Time: Sketches from](#)
- Bagdi, S.S., Mondal, M., **Chatterjee, A.** (2022). Gas Tragedy and COVID-19 Vulnerabilities: An Analysis of Health Infrastructure in Bhopal, India. In: Vinod Kumar, T.M. (eds) COVID 19, Containment, Life, Work and Restart. Advances in 21st Century Human Settlements. **Springer, Singapore**. https://doi.org/10.1007/978-981-19-5940-0_2
- Tiwari, V., **Chatterjee, A.** (2022). Application of Artificial Neural Network in Master Planning—A Case of Simulating the Land Use and Land Cover Changes in Bhopal. In:

Vinod Kumar, T.M. (eds) Smart Master Planning for Cities. Advances in 21st Century Human Settlements. **Springer, Singapore**. https://doi.org/10.1007/978-981-19-2564-1_2

- **Chatterjee, A.,** Dasgupta, P., Vaidya, G. (2022). Smart Mega Global City: A Roadmap of Mobility as a Service for Mumbai. In: Vinod Kumar, T.M. (eds) Smart Global Megacities. Advances in 21st Century Human Settlements. **Springer, Singapore**. https://doi.org/10.1007/978-981-16-2019-5_5
- Chatterjee, A., Vaidya, G., Paulose, N.K., Das Gupta, P. (2020). Exploring Livability in the Era of Smart City: A Case of Bhopal. In: Vinod Kumar, T. (eds) Smart Living for Smart Cities. Advances in 21st Century Human Settlements. **Springer, Singapore**. https://doi.org/10.1007/978-981-15-4603-7_3
- **Chatterjee A** (2018) Surat, India as an example of a smart sustainable city, Smart Sustainable City White Paper, Review 14, 54th International Society of City and Regional Planners (ISOCARP) Congress, **Bodø, Norway**. [[Smart Sustainable Cities White Paper – Case Study \[03\] – ISOCARP](#)]
- **Chatterjee, A.,** Choudhary, B., Das Gupta, P., Vaidya, G. (2019). Towards a Smart Metropolitan Region: A Roadmap for Transforming Bangalore Metropolitan Region. In: Vinod Kumar, T. (eds) Smart Metropolitan Regional Development. Advances in 21st Century Human Settlements. **Springer, Singapore**. https://doi.org/10.1007/978-981-10-8588-8_6
- **Chatterjee A.,** Kapshe M., Kuriakose PN (2016) Surat, India: Urban Innovation and Climate Co-benefits in Municipal Sewage Management, Chapter 6.3, pages 212-218, In: Doll C., Puppim de Oliveira J. (eds) Urbanization and Climate Co-Benefits, **Routledge UK** [Surat, India | 21 | Urban innovation and climate co-benefits in munic](#)
- **Chatterjee A.,** Kapshe M., Choudhury B., Bade S. (2018) Co-benefits of Waste to Energy, Chapter 8, pages 191-209 In: Sethi M., Puppim de Oliveira J. (eds) Mainstreaming Climate Co-Benefits in Indian Cities. Exploring Urban Change in South Asia. **Springer, Singapore**, (Scopus Indexed)

Edited Journal and Technical Report:

- **Chatterjee A** Mandal NR (2016) Issue Editor of peer reviewed Journal ‘SPANDREL’ (Theme: Making Cities Smart and Competitive), ISSN 2231-4601
- **Chatterjee A,** Puntambekar K (2012) Local Biodiversity Strategies and Action Plan Bhopal-2012 SPA Press, School of Planning and Architecture, Bhopal, Madhya Pradesh, India

Journal Publication (Selected):

- **Chatterjee, A.,** Bagdi, S.S., & Mondal, M. (2024). Exploring inequalities of urban housing and basic services through the lens of COVID-19 and smart cities development: insights from Bhopal, India. **Human Geographies - Journal of Studies and Research in Human Geography**, 18(2), 1-18 (Scopus) [a1827](#)

- Mandal, S., **Chatterjee A.** (2024). Analysing Growth Dynamics of Census Towns and Access to Drinking Water: A Case Study of Murshidabad District, West Bengal. **International Journal of Science and Research (IJSR)**. 13(4),1865-1872 <https://dx.doi.org/10.21275/SR24428082105>
- Khare, S., & **Chatterjee, A.** (2023). The relationship between urban built environment and happiness in Bhopal, India. **Environment, Development and Sustainability, (Impact Factor-4.9)** (Scopus) <https://doi.org/10.1007/s10668-023-03539-9>
- Minhans, A., & **Chatterjee, A.** (2023). Application of Catastrophe Theory to Assess Transport Sector Vulnerability using Macro-Environment Factors – A Case of Floods in the Perlis State of Malaysia. **Journal of Settlements and Spatial Planning**, 14(1), 25-37. (Scopus) https://geografie.ubbcluj.ro/ccau/jssp/anhiva_1_2023/03JSSP012023.pdf
- Mondal, A., **Chatterjee, A.** (2023). The Socio-economic Status of Tribal Women in Paschim Medinipur, West Bengal: A Geographical Appraisal. *Satraachee*, Issue 28, Vol. 40, Shodhank-3, Part-I, pages 296-309 [UGC-CARE Enlisted]
- Madhavi, P., Choudhury, B., & **Chatterjee, A.** (2022). Sharing and Labour Pooling in an Automobile Cluster of Central India. **International Journal of Innovative Research and Scientific Studies**. Vol-5, n.4. 391-399. (Scopus) <https://doi.org/10.53894/ijirss.v5i4.958>
- **Chatterjee A.** (2021) Contemporary Urban Missions and Reflecting Reality in Deprivation of Civil Areas in Indian Cantonments – A Pragmatic View, **Journal of Settlement and Spatial Planning**, 12(2), 71-81, (Scopus) https://geografie.ubbcluj.ro/ccau/jssp/anhiva_2_2021/01JSSP022021.pdf
- Minhans, A., **Chatterjee, A.**, Popli, S. (2020) Public perceptions: An important determinant of transport users' travel behavior, **Human Geographies-Journal of Studies and Research in Human Geographies**, 14(2) 177-196 (Scopus)
- Verma S., Chatterjee A., Mandal NR. (2017) Analysing Urban Sprawl and Shifting of Urban Growth Centre of Bengaluru City, India Using Shannon's Entropy Method, **Journal of Settlement and Spatial Planning**, 8(2) 89-98 (Scopus)
- Rietveld LC et al. (2016) Improving health in cities through systems approaches for urban water management, (co-author) **Environmental Health** 15(1):31, page 151-171 2 (Scopus, **Impact Factor 4.817**)
- Chatterjee S, **Chatterjee A**, Nandi P (2017) Analysing Socio-cultural Transformation among Tribal communities: a case of Birbhum District, West Bengal, **The Spatio-economic Development Record (SDR)** 24(2), 32-39. 3.
- Bhargava T, **Chatterjee A** (2017) Co-benefits of Municipal Sewage Management: A case of Jaipur (India), **SPACE**, 21 (1-2), 95-109.
- **Chatterjee A**, Verma S (2016) Analyzing Carrying Capacity of a Metropolis through Geo Spatial Analysis: case of Bangalore City, **Indian Cartographer**, 36 (Part II): 46-52.
- Kumar R, **Chatterjee A**, Mehra J (2016) Backwardness index for the Naxal affected Districts, Case Study: Bihar, **International Research Journal of Engineering and**

Technology, Vol 3 (4) 1965-1968 <https://www.irjet.net/archives/V3/i4/IRJET-V3I4388.pdf>

- Chatterjee S., Nandi P., **Chatterjee A** (2016) Analysing relationship between general and tribal status on Human Development: a case of Birbhum District, West Bengal, **Hill Geographer**, Vol 32 (2) 99-107.
- **Chatterjee A**, Chatterjee S (2015) Satellite town Development in India in Retrospect and Prospect: A case of Navi Mumbai, **Spandrel**, Issue 9, 1-10.
- Khan A, **Chatterjee A** (2014) Information Technology Boom in Pune: Retrospect and Prospect, **The Spatio- economic Development Record (SDR)**, Vol. 21 (6) 128-135.

Conference Proceedings (Full Paper Published):

- Abdullah A, **Chatterjee A** (2019) The high cost of urban governance: Evidence from Kerala, International Conference on Future Cities-2019, Department of Architecture and Planning, Indian Institute of Technology, Roorkee, 11-13 December, 2019
- **Chatterjee A.**, Chatterjee S., Chattopadhyay R.N. (2016) Transforming Mumbai city: removing the bottlenecks to achieve future sustainability. 52nd International Society of City and Regional Planners (ISOCARP), 12-16 September, 2016, Durban, South Africa, Proceedings of the 52nd ISOCARP Congress 1-3: isocarp.org/app/uploads/2016/09/2016_Proceedings_1-3-1.pdf

Conference Paper Presented (International) and Invited Lectures:

- Revisiting Indian Cantonments – Planning Paradigms, National Level Lecture (online) dated 23rd April, 2022, Haryana Regional Chapter, Institute of Town Planners, India (ITPI) [Invited Lectures]
- Urban Transformation towards Sustainable Lifestyle and Climate Change, National Level Workshop on the occasion of World Environment Day (06th June, 2022), Regional Centre for Urban & Environmental Studies, Lucknow (under Ministry of Housing and Urban Affairs, Govt. of India) [Invited Lectures]
- Geo-Mapping of Covid-19 Incidence and its Relationship with Inequalities of Urban Housing and Basic Services in Bhopal city (India), International seminar on ‘Emerging Trends in Digital Cartography for Sustainable Ecosystems and Geospatial Economy’, Indian National Cartographic Association (INCA), November 6-8, 2023 at Regional Remote Sensing Centre - West, NRSC/ISRO, Jodhpur, Rajasthan
- Analysing Growth Dynamics of Census Towns and Access to Drinking Water: A Case Study of Murshidabad District, West Bengal, International seminar on ‘Emerging Trends in Digital Cartography for Sustainable Ecosystems and Geospatial Economy’, Indian National Cartographic Association (INCA), November 6-8, 2023 at Regional Remote Sensing Centre - West, NRSC/ISRO, Jodhpur, Rajasthan
- Do the Contemporary Urban Policies and Missions focuses beyond Megacities in India, Royal Geographical Society with the Institute of British Geographers (RGS-IBG) Annual

International Conference 2019, 27-30th August, 2019, Imperial College, London
<http://conference.rgs.org/AC2019/65>

- Urban Innovation and Climate Co-benefits in Municipal Waste Management: Lessons from three Indian Cities, 14th International Asian Urbanization Conference, 11-13th January, 2018, King Mongkut's Institute of Technology Ladkrabang (KMITL), Bangkok
http://www.arch.kmitl.ac.th/auc2018aura/assets/download/schedule/Schedule%20of%20the%2014th%20International%20Asian%20Urbanization%20Conference%202018_02.pdf
- Pathways to Metropolitan Regional Sustainability: Challenges and Opportunities for Mumbai Metropolitan Region, 14th International Asian Urbanization Conference, 11-13th January, 2018 King Mongkut's Institute of Technology Ladkrabang (KMITL), Bangkok, Thailand
http://www.arch.kmitl.ac.th/auc2018aura/assets/download/schedule/Schedule%20of%20the%2014th%20International%20Asian%20Urbanization%20Conference%202018_02.pdf
- Analyzing Carrying Capacity of a Metropolis through Geo-Spatial Analysis: case of Bangalore City, 36th INCA (Indian National Cartographic Association) International Congress, 2016, Visva-Bharati, Santiniketan, West Bengal, India.
http://www.visvabharati.ac.in/files/349111116_36TH_INCA2016_TECHNICAL_SESSION_DETAILS.pdf
- Transforming Mumbai city: removing the bottlenecks to achieve future sustainability, 52nd International Society of City and Regional Planners (ISOCARP), 12-16 September, 2016, Durban, South Africa, 2016
http://isocarp.org/app/uploads/2016/09/2016_Proceedings_1-3-1.pdf
- Urban Development with Climate Co-Benefits in waste management, International Conference Urban Development with Climate Co-Benefits: Aligning Climate, Environmental and Other Development Goals in Cities, New Delhi, organized by TERI, UNU-IAS and SPA-Bhopal, 2013
http://archive.ias.unu.edu/resource_centre/climates_cobenefits_delhi_programme.pdf
- Low carbon cities in Indian scenario, Knowledge Economy Partnerships organized by British Council in Project Coordinators Meet, Pune, 2014

Thesis Guidance:

- **Post -Doctoral Fellow**
Supervisor of Dr. Pathik Ankur, awarded ICSSR Postdoctoral Fellowship, 2024-25 for two years w.e.f. 03.12.2024 on the research theme 'Urban Corridors in India: A Study of Spatio-Temporal Perspectives' affiliated to Visva-Bharati (ongoing)
- **Awarded PhD as Supervisor (04)**
 - Transport Network Analysis and Transport Efficiency of Murshidabad District, West Bengal (Ankabehari Saha, Visva-Bharati, 2025)

- Social Ecology of Tribes in Paschim Medinipur District, West Bengal (Aparesh Mondal, Visva-Bharati, 2025)
- Growth of Census Towns with its Economic and Environmental Implications in Murshidabad District of West Bengal (1971 To 2011) (Sanjoy Mandal, Visva-Bharati, 2025)
- Economic Impact of Industrial Clusters on a Region – A study of Automobile and Pharmaceutical Clusters in Madhya Pradesh (Pratyosh Madhavi, School of Planning and Architecture, Bhopal, 2023)
- **Ongoing PhD (03) as Supervisor– Research Domain**
 - Urban Transport (Shib Sankar Bagdi, Visva-Bharati)
 - Green Spaces and Urban Health (Bhivas Shit, Visva-Bharati)
 - Climate Change and impact on Agriculture (Anupam Biswas, Visva-Bharati)
- **M.A. in Geography Dissertation Supervisor**
 - Mamon Roy - A geographical study of an emerging medical hub in Rampurhat city and its surroundings, West Bengal
 - Nairrita Jha - Awareness perception regarding preservation of wetlands among the students and socio-economic conditions of cultivators of East Kolkata wetland
 - Antara Roy - Exploring the cause and impact of closed industries: A case study on Kalyani Silpanchal area, West Bengal, India
 - Keniz Fatema Mondal - Impact of Kanyashree scheme on educational progress of school going girls a case study of Dubrajpur Block in Birbhum district of West Bengal
 - Moumita Halder - Quality of life in the context of kancharapara eastern railway workshop
 - Sneha Koley - Urban growth and development of Chandernagore, West Bengal: From French colonial rule to recent times
 - Dipabali Majumder - Urbanization and its relation with core- periphery development in Kalyani men's polity and its surroundings
 - Md. Imran Nazir - Accessibility and influence of social media on the youth Santhal tribe: A case study of selected villages of Bolpur Sriniketan block
 - Bishal Singha - Documenting traditional knowledge and practices of it by Santhal tribes: A case study of selected villages of Pakuria Block, Jharkhand
 - Sonia Paul - Impact of rural development along state highway case of selected villages of Mayureshwar II block, Birbhum
 - Souvik Mondal - Population growth and its impact on urban infrastructure in Bolpur municipality
 - Sayan Mukherjee - Socio-economic and health condition of the three selected villages in Bolpur Sriniketan block
 - Ramkrishna Pramanik - Status of healthcare services of the elderly population in the Bolpur municipality, Birbhum, West Bengal

- Mitali Mondal - Status of municipal solid waste management in Bolpur Town, West Bengal, India
- Moumita Mandal - Tourist perception study as a tool for tourism development a case of Bolpur-Sriniketan
- Dipanwita Das - Urban expansion and its impact on local economy a comprehensive study on Bolpur Municipality
- **Master of Planning (Urban and Regional Planning) Thesis Supervisor**
 - Vidhulekha Tiwari- Application of ANN for improving the process of preparing a master plan
 - Anjali Gupta - Spatial clustering of knowledge-based industry
 - Sukhneet - Shrinking for Red Corridor (Naxal hit areas)
 - Vallary Gupta - Transformation of Retail Spaces in Delhi
 - Anees Ahmad Abdullah - Sustainable Land Governance for the Settlements of Kerala
 - Rana Paul - Integration of Urban Land-Use, Transportation Network and market force using Urban Simulation Modeling along Transit corridor
 - Ipsita Chandra – Crime against Women in Public Space: A case study of Kolkata
 - Madhuri Kalah - Socio-spatial Inequalities in Tribal Education Services, Case study Mayurbhanj, Odisha
 - Paritosh Goel - Process of Land Acquisition for New Towns: Case study Amravati, Andhra Pradesh
 - Bhagyashree Gapat - Urban Form and Air Quality of Metropolitan Area: case study Nagpur, Maharashtra
 - Fuwad Athar - Urban Spatial Growth Modeling Using Geo Spatial Technologies- case study of Lucknow
 - Mahinder Bawaria - Analyzing relationship between crime pattern and responsive factors: Case study Bhopal
 - Bibek Mahato - Assessing Public Transport using Level of Services, a case study of Bhopal
 - Sanjeev Kumar - Determinants of Collector Rate: An innovative Approach (Awarded Best Thesis)
 - Rakesh Kumar - Development strategies for Naxal affected backward district: Case study of Jehanabad district, Bihar
- **Master of Planning (Environmental Planning) Thesis Supervisor**
 - Garima Puri Goswami - Interdependency of meteorological and socio-demographic variables with suicides of farmers
 - Rohan Mishra – Assessing sustainability of Urban Transportation by using Ecological Footprint Analysis

- Deepsikha Tapan Bhattacharyay - Socio-ecological resilience of Coastal area : A case of Eastern Waterfront Mumbai
 - Chaitra Sai Malika.S - Environmental Impacts of Shrimp Farming on Coastal Ecosystem of East Godavari District
 - Priyandri Laha- Linking Socio-economic conditions with Blue and Green spaces: Case study of South Dum Dum Municipality
 - Aamil Khan - Assessing and Mitigating the impacts on Human Health – Post Dam Construction Scenario
 - Pinky Rome - Strategic framework for Environmentally Sustainable Development in the Peri Urban Area, Case study-Kolkata Metropolitan Area (Awarded Best Thesis)
 - Bikas Mahato – River front development: Bharalu river, Assam
- **Bachelor of Planning Thesis Supervisor**
 - Disha Chaturvedi - Planning interventions for substance abuse in Teenagers of Bhopal city
 - Seelam Joshi - Assessing the Spatial Pattern and Impacts of E-Commerce on Transport and Urban Geography
 - Prakash Nagesh – Comprehending Population Growth Dynamics for delineating Urban Growth Boundary of Hyderabad City
 - Sarthak Verma - Assessment of spatial variation of land values in urban areas (Awarded Best Thesis at National Level)
 - Gorli Kalyaani Mathurima - Spatial Dynamics of a Temple Town-A Case study of SriRangam
 - Kushagra Sinha - An Assessment of Transport Accessibility of Kolar Road Area of Bhopal
 - Tanya Mukherjee - Evaluating planning paradigm for Urban Development: Case study Lucknow
 - Monika Singh - Pedestrianisation for old city: Case study Lucknow
 - Prakash Mahato - Impact of BRTS on travel pattern : case study Bhopal
 - Piter Biswas - A comparative study of peripheral development of Municipalities within Kolkata Metropolitan Area
 - Rashmi Bhardwaj - Planning strategies for development of backward region : case study Chattarpur District, Madhya Pradesh
 - Bibek Mahato - Transit Oriented Development along BRTS: Case study Bhopal
 - Nirav Gheewala - Town Planning Scheme as a development tool for Madhya Pradesh
 - Sushil Kumar Yadav - Self-sufficient development practice in Rural settlement: case study Ralegan Siddhi, Maharashtra
 - Dibyendu Mrugaraj - Planning for cross-border market place, Jaigaon-Phuentsholing (Indo-Bhutan cross boarder market)

Conference Committees and Organizational Responsibilities:

- Organized International Workshop (Organizing Secretary) on Restoration and Conservation of Urban Wetland in collaboration with Graduate school of Sustainability studies, university of Toyama, Japan and Institute for Global Environmental Strategies (IGES), Japan Under ICSSR, India and JSPS, Japan Bilateral Research Programme (Date: 23rd and 24th August, 2024)
- Organize and Chair Special Session 12 (theme: Transforming Metropolitan Regions: Ideas and Examples) in 12th Regional Science Association World Conference (RSAI), Goa, 2018
http://www.regionalscience.org/2018worldcongress/uploads/1/7/2/5/17254170/ss12_transforming.metropolitan.chatterjee.pdf
- Member of School of Planning and Architecture Convocation organizing Committee (2014, 2015, 2016, 2017, 2018)
- Rapporteur of one Session in 36th INCA (Indian National Cartographic Association) International Congress, 2016
- Member of Annual National Organization of Students of Planning (NOSPlan) Convention Committee, 2015
- Core team member of Integral Studio on Smart railway stations for smart cities: redevelopment of Bhopal junction railway station, July 17 – 23, 2016
- Member of organizing team for Sensitization Programme on Sustainable Urban Habitat, March, 2015
- Member of National Workshops of Planning Schools on Revision of UDPFI guidelines, 30th January, 2014, Bhopal
- Co-Coordinator of International Workshop on Sustainable cities Generating Climate Co-benefits in Urban Areas, 02-03 December, 2013, Organized by UNU-IAS, APN, Kyoto University, UNU-ISP and SPA, Bhopal
- Coordinated training programme on Project Formulation in terms of T&CP Act (Town Development Scheme), for various executive Engineers and assistant Engineers, Country Planning Department, Govt. of Madhya Pradesh, 1012 July, 2012

Peer- Reviewer (Journals):

- Cities (Elsevier)
- Environment, Development and Sustainability (Springer)
- Journal of Urban Affairs (Routledge)
- Journal of Cleaner Production (Elsevier)
- Cities & Health (Taylor & Francis)
- GeoJournal (Springer)
- Journal of Urban Management (Elsevier)

Professional Membership:

- Life Member, National Association of Geographers, India (NAGI)

- Associate Member, Institute of Town Planners, India (ITPI)
- Life Member, Institute of Urban Transport (IUT), India

Awards and Achievements

- Received Certificate of Appreciation from **UN-Habitat** for Sustainable Cities Integrated Approach Pilot Projects (SCIAP) in India
- Guided a Fulbright Scholar from Virginia Commonwealth University, USA (proposal awarded)
- University overall Rank Second in Graduation
- Cleated UGC NET (July 2005 and December, 2005)

External Examiners, Paper setters, Moderators:

- Maulana Azad National Institute of Technology (MANIT), Bhopal.
- Guru Nanak Dev University, Amritsar
- School of Planning and Architecture (SPA), Vijayawada
- School of Planning and Architecture (SPA), Bhopal
- Presidency University
- Burdwan University
- Sidho-Kanho-Birsha University

Administrative and Academic Responsibilities

Visva-Bharati, Santiniketan

- Member, Internal Quality Assurance Cell (IQAC), and NIRF and AIHSE sub-committee of Visva-Bharati
- Member, Board of Studies (BoS), Department of Geography, Visva-Bharati
- Member, Admission Committee, Department of Geography, Visva-Bharati
- Member, Syllabus Revision Committee, Department of Geography, Visva-Bharati
- Member, Departmental Research Committee, Department of Geography, Visva-Bharati
- Member, Department Internal Quality Assurance Cell, Department of Geography, Visva-Bharati
- Member, Purchase Committee, Department of Geography, Visva-Bharati

Sidho-Kanho-Birsha University, Purulia

- Member, Incubation Center and Innovation hub sub-committee of Sidho-Kanho-Birsha University (SKBU), Purulia
- Member, PG Certificate Skill Development Course (SDC) Board of Studies (BoS) on Geo-informatics (Remote Sensing and GIS), Sidho-Kanho-Birsha University (SKBU), Purulia
- Member, P.G. Board of Studies Department of Geography, Sidho-Kanho-Birsha University (SKBU), Purulia

- Member, Admission Committee, Department of Geography, Sidho-Kanho-Birsha University (SKBU), Purulia
- Member, Syllabus Revision Committee, Department of Geography, Sidho-Kanho-Birsha University (SKBU), Purulia
- Member, Departmental Research Committee, Department of Geography, Sidho-Kanho-Birsha University (SKBU), Purulia

School of Planning and Architecture, Bhopal

- Faculty Coordinator, Master of (Urban and Regional Planning) Programme
- Faculty Coordinator, Alumni Association, SPA, Bhopal (2015 to 2018)
- Member, Training and Placement Cell, (2018 -2020)
- Member, Library Committee
- Member, Centre for Geo-informatics
- Member, Advisory Committee, Bachelor of Planning and Master of Planning (Urban and Regional Planning)
- Member, Scrutiny Committee (recruitment)
- Chairperson/Member of various Local Purchase Committees as constituted by the Competent Authority

Country Visited (with Govt. of India funding or Research Grant):

UK, Thailand, South Africa, Japan

Certified that the above information is an accurate portrayal of my background and expertise in Geography and Urban and Regional Planning.

(Dr. Amit Chatterjee)

Date: 06.07.2024

Place: Santiniketan, India