

## CURRICULUM VITAE

### **BINAYAK CHOUDHURY**

Professor, Department of Urban and Regional Planning  
School of Planning and Architecture (SPA), Bhopal  
Neelbad road, Bhauri, Bhopal – 462030  
Madhya Pradesh, India  
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### **EDUCATION**

#### **Doctor of Philosophy in Regional Economics**

Gauhati University, Assam, India

Year 1994

*Dissertation Title:* 'Spatio –Temporal Dynamism in the Level of Development in Assam – An Econometric Approach'

*Advisor:* Prof. Srinath Baruah, Professor of Mathematical Economics and Econometrics  
Gauhati University, Assam

#### **Master of Regional Planning**

Indian Institute of Technology (IIT), Kharagpur

Year 1986

*Dissertation title:* 'Reducing Regional Disparities in Assam – An Approach to Decentralized Industrial Planning'

*Advisor:* Prof.R.N. Chattopadhyay, Department of Architecture and Regional Planning  
I.I.T., Kharagpur, India

#### **Master of Economics**

North Eastern Hill University, Shillong

Year 1984

### **TRAINING**

- ✓ City Management awarded by Administrative Training Institute, Government of West Bengal and certified by Department of Personnel & Training, Government of India
- ✓ Urban Transport & Traffic Management awarded by Institute of Urban Transport, Ministry of Urban Development, New Delhi
- ✓ Human Development Index and District Planning awarded by College of Agricultural Banking, Reserve Bank of India, Pune
- ✓ Training Need Analysis and Design of Training awarded by Assam Administrative Staff College, Government of Assam, Guwahati and certified by Department of Personnel & Training, Government of India

### **RESEARCH INTERESTS**

- ✓ Regional Planning & Development Analysis; Urban Economics; Municipal Governance & Finance; Application of Econometric & Statistical Methods in Urban & Regional Planning

### **RESEARCH EXPERIENCE**

#### At SPA, Bhopal

- ✓ Shelter for All under the Design Innovation Cente (DIC), a Ministry Education (Govt. of India) sponsored research

#### At ANSISS, Patna

- ✓ Urbanisation of Bihar

#### At RCUES, Lucknow

- ✓ Land based Municipal Finance

#### At AASC, Guwahati

- ✓ Urban Institutional Reform

#### At DTCP, Assam

- ✓ State Urban Strategy
- ✓ Status of Women and Children in Urban Assam

## **TEACHING AND MENTORING EXPERIENCE**

### At SPA, Bhopal, Madhya Pradesh, India

- Teaching various subjects, namely, - Urban Economics, Statistics, Urban Governance, Municipal Finance, Project Formulation, Environmental Economics and Transport Economics at undergraduate, postgraduate and doctoral level across Department of Urban and Regional Planning, Department of Environmental Planning and Department of Transport Planning
- Mentoring Thesis at undergraduate, postgraduate and doctoral level. Till date, mentored 27 undergraduate, 35 postgraduate and 5 doctoral scholars

### At AASC, Guwahati, Assam, India

- Trained elected representative, municipal functionaries and civil servants of All India cadre and different State cadres on various topics pertaining to urban governance, urban management, urban finance, urban planning and urban economics

### At N.C. College, Badarpur, Assam, India

- Taught various subjects, namely, - Urban Economics, Regional Economics, Statistics, Development Economics at undergraduate level

## **PUBLICATIONS**

1. *Delineating the Growth Boundary of Indian Cities: Projection of the Urban Footprints*, Choudhury Binayak, Alam Ashfaq and Bansal Kumar Amit, being published in the forthcoming edition of *Environment and Urbanisation (Asia)*, Sage
2. *Travel Satisfaction of Bus Rapid Transit Users in A Developing Country: The Case of Bhopal City, India*, Saxena, A., Choudhury, B., Das Gupta, P. in *Transportation Research Record*, February, 2024 <https://doi.org/10.1177/03611981241230503>
3. *Car Parking in Indian Cities: A Review of the Impediments to Sustainable Mobility*, Kuriakose, P.N., Choudhury, B., *Lecture Notes in Civil Engineering* 2024, 434, pp. 747–761 [https://link.springer.com/chapter/10.1007/978-981-99-6090-3\\_59](https://link.springer.com/chapter/10.1007/978-981-99-6090-3_59)
4. *Evidence of Input Sharing and Labour Pooling in an Automobile Cluster of Central India*, Madhavi, P., Choudhury, B., Chatterjee, A. in *International Journal of Innovative Research and Scientific Studies*, 2022, 5(4), pp. 391–399
5. *A Chronological Exploration of Initiatives in an Automobile Cluster: A Case of Pithampur, Madhya Pradesh, India*, Madhavi, P., Choudhury, B., Kumar, A. in *Advances in Science, Technology and Innovation*, 2022, pp. 219–228
6. *Internalizing the Externalities of Urban Private Transport – A Case of Gurugram, National Capital Region, India*, in *Case Studies on Transport Policy*, available online August 20, 2022 <https://doi.org/10.1016/j.cstp.2022.08.002>
7. *When Guwahati turns into Venice*, in *The Assam Tribune*, July 11, 2022
8. *Assessing the Quality of Low Income Group Houses in India: Identification of Indicators*, in *Nagarlok*, Vol. LIV, Issue 2, June 2022
9. *India's Weird (Wired) Smart City*, in *Economic and Political Weekly*, Vol. LVII No. 22, May 28, 2022
10. *Addressing Urban Poverty through Empowerment and Inclusion in India* in *Rights and Security in India, Myanmar and Thailand*, C. Yamahata et.al (Ed) Palgrave Macmillan, 2020
11. *Towards A Smart Metropolitan Region: A Roadmap for Transforming Bangalore Metropolitan Region*, in *Smart Metropolitan Regional Development*, T.M. Vinod Kumar (Ed), Springer, 2018
12. *Critical Evaluation of Housing Scenario in India*, *IJSRST*, Vol. 4, Issue 5, ISSN: 2395-6011, 2018
13. *Co-benefits of Waste to Energy* in 'Mainstreaming Climate Co-benefits in Indian Cities- Post Habitat III Innovations and Reforms' edited by Mahendra Sethi and Jose A. Puppim de Oliveira, Springer, Singapore
14. *House or Shelter – Understanding the Understatement* in *NCHF Bulletin*, September – October, 2017
15. *Spatio Functional Determinants of Small Towns: A Case Study of Selected Indian Small Towns*, in *Review of Urban and Regional Development Studies*, [onlinelibrary.wiley.com/journal/10.1111/](http://onlinelibrary.wiley.com/journal/10.1111/) (ISSN)1467-940X
16. *Taxing Guwahatians – The Inside Story*, in *Nagarlok*, Vol. XLIV, Oct-Dec, 2012, No. 4

17. *Urban Bihar – Drafting An Agenda*, in Urban India, Vol. 33, Issue I, Jan – June, 2013  
October 2014, ISSN 2347-4912
18. *Planning for Urban North East – Issues and Imperatives* in Shelter Vol. 15 No. 2 October 2014, ISSN 2347-4912
19. *Alleviation of Urban Poverty through Empowerment & Inclusion*, in 58<sup>th</sup> National Town & Country Planners Congress' Compendium, January, 2010
20. *Managing Urban Traffic in Silchar* in the Jugasankho, 9<sup>th</sup> July, 2009
21. *Fiscal Autonomy vis a vis Urban Governance in Assam – The Issues and Imperatives* in Development Issues in the North East in the Turn of the Century, S. Borbora , J.K. Gogoi (Ed) Papyrus, 2007
22. *Urban Governance vis a vis Urban Renewal of North East India – Interventions through JNNURM* in Shelter, Vol.10 No. 1 April 2007
23. *Renewal of Urban North East – Issues & Imperatives* in Context, Vol. III. No. 2, December 2006
24. *Cities of Hope – The Agenda Before* in Shelter (HSMI), Special Issue, Vol. 9 No. 3, October, 2006
25. *Public – Private Partnership in Inter Urban Transport – The Assam Experience* in 53<sup>rd</sup> National Town & Country Planners Congress' Compendium, December, 2004
26. *Watershed Development Programme in Cachar District of Assam – An Appraisal* in A.K. Anwaruzzaman (ed) in Ecology and Sustainable Development Malda College , West Bengal , 2003
27. *Identification of Backward Districts for the Regional Agricultural Development – A Case Study of Assam* (Co authored) in Indian Journal of Regional Science , Vol. XXXIII No. 1 , 2001
28. *Regional Research vis a vis Regional Development – A Review* in Jaideep Biswas (ed) Economics and Commerce Education in North East India, Cachar College, Silchar, Assam , 1999
29. *Regional Planning for Sustainable Agricultural Development - A Case Study of Assam* (Co authored) in A. Shukla (ed) Regional Planning and Sustainable Development Rani Durgawati Viswavidyalaya Jabalpur, 1998, India
30. *Urbanization – the Haflong Experience* in the Commemorative volume of Centenary Celebration Souvenir of Haflong Town, Assam, India, 1995

## **CONFERENCE PRESENTATIONS**

1. *Delineating The Urban – Case For Bhopal City, India* presented at the 14th Asian Urbanization Conference held in Bangkok, Thailand, January, 2018
2. *The Dynamics of Rurbanisation – A Case of Bhopal District in India* presented at the 52<sup>nd</sup> ISOCARP Congress held in Durban, South Africa in September, 2016
3. *Planning for Inclusive Cities* at Asian University Network Forum on Advances in Research at Aichi Gakuin University, Japan in November, 2015
4. *Inclusive Cities – The Agenda Before* in the National Seminar at Regional Centre for Urban and Environmental Studies' Osmania University, 22 February, 2013
5. *Urban Bihar – Drafting an Agenda* in the National Seminar at A.N. Sinha Institute of Social Studies, Patna, 5-6 November, 2011
6. *Governing Urban North East – Issues and Imperatives* in the seventh North East Economic conference, Silchar, 15-16 November, 2011
7. *Disaster Management vis a vis Urban Governance in Assam – Issues and Imperatives* in the National Seminar on the Role of Urban Local Bodies in Disaster Management organized by the Regional Centre for Urban and Environmental Studies, Lucknow University, March 23-24, 2007
8. *Urban Governance vis a vis Urban Renewal of North East India – Interventions through JNNURM* in the National Seminar on 'Urban Governance in the Context of JNNURM' organized by the Association of Municipalities and Development Authorities' New Delhi, November 2006
9. *The Economics of Urban Water Supply* in the Water Series Seminar sponsored by USAID, Kolkata, August, 2006

10. *Rural Urban Continuum vis a vis The PURA Interventions – A Blue Print for Guwahati Sub Region* in the National Seminar 'Vision 2020 for Developed India: PURA – As Growth Centers', IIT, Delhi, November, 2005
11. *Fiscal Autonomy vis a vis Urban Governance in Assam – Issues and Imperatives* in the Annual Conference of North Eastern Economic Association, Rajiv Gandhi University, Itanagar, October, 2005
12. *Rural – Urban Continuum , the Emerging Primacy of Guwahati City* in HUDCO Chair Conference, New Delhi, September, 2005
13. *Impact of Constitutional Seventy Fourth Amendment Act, 1992 on the Urban Governance in Assam* in HUDCO Chair Conference, New Delhi, January, 2005
14. *Development of Growth Centres – An Essential Prerequisites for Entrepreneurship Development*, at the State level seminar of North East Economic Association, Lala College, Assam, December, 2002
15. *TRIMS – The Surrogate for Trips* at the UGC National Seminar in G.C.College, Silchar, Assam, September, 2002
16. *Municipal Finance – the Silchar Experience* at the Regional seminar of North East Centre for Advanced Studies, Silchar , Assam, August, 2001
17. *The Economics of Investment in Urban Development*, at the Regional Workshop on Urban Affairs in AASC , Guwahati, February, 2000
18. *The Economics of Amartya Sen Behind Poverty and Famine* at the Regional seminar in the Department of Economics, Assam University, Silchar, Assam, January, 2000
19. *Is Reading in the Wane?* at the State level UGC Seminar at N.C. College, Assam, January, 2000
20. *Spatial Variation in the Level of Agricultural Productivity in Assam – A Quantitative Approach* at the 29<sup>th</sup> Annual International Conference of Regional Science at Delhi School of Economics, India, February, 1997 (Coauthored)
21. *Identification of Backward Districts for the Regional Agricultural Development in Assam – an Econometric Approach*, at the Social Science Congress Seminar, Visva Bahrain, Santiniketan, India, December, 1996 (Coauthored)
22. *Housing – the Economics Behind It* unpublished Term Paper, Department of Architecture and Regional Planning, IIT, Kharagpur, 1986
23. *The Backward Economy of Assam - the Problems Behind and the Prospects Before*, unpublished Term Paper, Department of Architecture and Regional Planning, IIT , Kharagpur, 1986

## **PROFESSIONAL EXPERIENCE**

### **July 2012 till date as Professor in the Department of Planning, School of Planning and Architecture (SPA), Bhopal**

- (a) Teaching / Supervising research at doctoral, postgraduate and undergraduate level in Department of Urban and Regional Planning, SPA, Bhopal
- (b) PhD examiner of Indian Institute of Technology, Kharagpur and Roorkee, National Institute of Technology, Nagpur (VNIT), National Institute of Technology, Bhopal (MANIT), National Institute of Technology, Calicut, Mysore University, Jadavpur University (Kolkata) and other Institutes in India
- (c) Under graduate / post graduate examiner of various planning schools across India
- (d) Reviewer of international journals: (i) Urban Affairs Review, (ii) Journal for Cleaner Production, (iii) Journal of Social and Economic Development, (iv) Modeling Earth Systems and Environment, (v) Sage Open
- (e) Member of Editorial Board of International Journal of Planning and Architectural Sciences
- (f) Visiting Professor at Tata Institute of Social Sciences, Solapur, India and Symbiosis School of Economics, Pune, India
- (g) Member of Board of Governors, Senate, Board of Studies in (School of Planning and Architecture, Bhopal), Board of Doctoral Studies (School of Planning and Architecture, Vijayawada), Board of Studies (School of Planning and Architecture, New Delhi) at different points of time
- (h) Team Leader / Team Member of various international / national projects at SPA, Bhopal
- (i) Chaired sessions at national / international seminars / conferences

### **June 2011 to June 2012 as Urban Management Consultant, A.N. Sinha Institute of Social Studies (ANSISS), Patna**

- (a) Prepared reading materials of the orientation programmes for the elected representatives and commissioners / executive officers of Bihar ULBs

- (b) Prepared reading materials for the training programmes on project formulation, appraisal & management, good governance, office procedure & management, municipal accounting and slum free city planning
- (c) Designed the two – year long roll out phase of training under the ‘Support Programme for Urban Reforms in Bihar’ (SPUR)
- (d) Undertaken a study on ‘Planning for Urban Bihar – Drafting an Agenda’
- (e) Presented a paper titled ‘Poverty in Urban Bihar – An Overview’ at the National Seminar on ‘A Century of Transformation of Bihar and Road Ahead’ November, 2011, ANSISS, Patna
- (f) Prepared the background note on urban sector plan for Bihar’s 12<sup>th</sup> Five Year Plan
- (g) Addressed the IAS probationers (NE cadre) on ‘Governing Urban North East – Issues and Imperatives’ at Assam Administrative Staff College, Guwahati in June, 2011
- (h) Drafted a paper titled ‘Urban Governance in North East – Drafting an Agenda’ for Institute of Town Planners, India, North East Regional Chapter

**July 2010 to May 2011 as Municipal Finance and Livelihood Development Specialist , Regional Centre for Urban and Environmental Studies (RCCUES), Lucknow**

- (a) Prepared training module on Micro Business Centre
- (b) Facilitated and partially authored some chapters of the training module on ‘Municipal Accounting and Financial Management’
- (c) Prepared the background paper ‘Land Based Municipal Resources – An Inter State Analysis’
- (d) Drafted an exhaustive agenda note titled ‘Urban Strategy for the Next Quinquennium’ for Ministry of Urban Development, Government of India on behalf of RCUES, Lucknow
- (e) Prepared a questionnaire for the study on municipal finance of seven JNNURM mission cities
- (f) Presented a paper titled ‘Alleviation of Urban Poverty – Interventions through Convergence’ in the National Workshop organized by Ministry of Housing and Urban Poverty Alleviation at HUDCO Head Quarters, New Delhi in April, 2011
- (g) Designed training programme on the following topics
  - ✓ Planning for Inclusive Cities
  - ✓ Development of Micro Enterprise and Micro Business Centre
  - ✓ Municipal Resource Mobilisation
- (h) Developed training handouts on:
  - ✓ Mobilising Community Resources
  - ✓ Communicating with Community
  - ✓ Financial Option under Rajiv Awas Yojna
  - ✓ Participatory Planning and Community Empowerment
  - ✓ Community Mobilisation : Need & Importance
  - ✓ Housing Start Up Index : Concept and Formulation
  - ✓ Developing Skill of Urban Poor : Role of Market Scan
  - ✓ Engaging Institutions in Skill Training : An Indicative Framework
  - ✓ Skill Training for Employment Promotion Amongst Urban Poor : An Overview
  - ✓ Municipal Tax Regime : The Suggested Reforms
  - ✓ Alternative Municipal Resources
  - ✓ Planning Imperatives for Locating Street Vendors
  - ✓ Planning for Slum Free Cities
  - ✓ Addressing Poverty through Inclusion and Empowerment
  - ✓ Planning for Inclusive Cities
  - ✓ Urban Project Formulation and Appraisal

**April 2003 to June 2010 as HUDCO Chair Professor, Centre for Urban Management, Assam Administrative Staff College (AASC), Guwahati, Assam (7 Years +)**

- (a) Prepared / associated with the preparation of training design and development of reading materials on twenty eight different aspects relating to urban governance, urban planning, development and management
- (b) Conducted and coordinated seventy two training programmes in urban sector at AASC, Guwahati till March, 2010 mostly in urban governance and urban planning and management
- (c) Conducted research studies in the areas of municipal governance & administration, municipal finance, urban planning, urban poverty in Assam, namely:
  - ✓ Impact of Seventy Fourth Constitutional Amendment Act on Urban Governance in Assam
  - ✓ Second Tier Fiscal Federalism in Assam
  - ✓ Property Taxation under Guwahati Municipal Corporation
  - ✓ Role of ULBs in Urban Disaster Management
  - ✓ Municipal Finance – Case Study of Silchar Municipal Board
  - ✓ Urban Governance in North East
  - ✓ Rural – Urban Continuum : Primacy of Guwahati City
  - ✓ Identification of PURA region
  - ✓ Poverty in Urban Assam
- (d) Completed a major research work on State Development Report for Urban Sector of Assam (includes urbanization pattern in Assam, urban governance in Assam, poverty in urban Assam, municipal solid waste management, housing, land use pattern, municipal finance in Assam)
- (e) Authored the Background Paper on ‘Towards an Effective, Efficient & Sustainable Urban Institutions in Assam’
- (f) Led the team of BCEOM in the preparation of City Development Plan of four Meghalaya towns

- (g) Completed Training Need Analysis for Town & Country Planning Directorate of Govt. of Assam and the Urban Local Bodies of Assam ( taking all the ULBs together)
- (h) Documented the success story of Brahmajal (private sector initiative in urban water supply in Guwahati) and Deep Bahan (private sector initiative in urban poverty alleviation in Guwahati and other urban centers of Assam)
- (i) Undertaken a study on profiling eighty eight urban centers of Assam (twenty three town completed)

**April 1998 to April 2003 as Senior Lecturer in the Department of Economics N.C. College, Badarpur, Assam (5 Years)**

- (a) Taught Regional & Urban Economics, Development Economics and Mathematical Economics at undergraduate level
- (b) Served as Examination – in – Charge and as Examiner and Scrutinizer in Assam University examinations for two consecutive years

**March 1987 to April 1998 as Assistant Director in the Department of Town & Country Planning (DTCP), Government of Assam (11 Years)**

- (a) Associated with the preparation of Master Plan of three Assam towns
- (b) Associated with the preparation, execution and evaluation of projects under various urban development programmes in Assam, namely - Nehru Rozgar Yojna (NRY), Integrated Development of Small & Medium Towns (IDSMT), National Slum Development Programme (NSDP), Environmental Improvement of Urban Slums (EIUS)
- (c) Assisted ULBs in the preparation of projects under Integrated Low Cost Sanitation programme
- (d) Assisted ULBs in the constitution of Neighbourhood Committee and Community Development Society under NRY
- (e) Assisted ULBs in poverty mapping under NRY
- (f) Assisted ULBs in slum mapping under NSDP and EIUS
- (g) Associated with the preparation of Urban Strategy Paper on Assam (Part II)
- (h) Associated with the preparation of UNDP and UNICEF Status Paper on Urban Sector Reforms and Urban Women and Children in Assam respectively

**INSTITUTIONAL SERVICE AT SPA, BHOPAL**

- i. Head of Department, Department of Planning 2012 – 2016
- ii. Dean (Research and Development), 2016 -17
- iii. Dean (Academics) 2018-19
- iv. Head of Department, Department of Transport Planning, 2019 – 2020
- v. Head of Department, Department of Urban and Regional Planning 2022 – 2023
- vi. Chief Vigilance Officer, 2014 – 2021
- vii. Member Senate 2012 till date
- viii. Member, Board of Governors (3 terms)
- ix. Member of Interview Board, Scrutiny Committee, Disciplinary Committee, and various other committees from time to time

**SKILLS**

- ✓ Policy analysis for urban governance and municipal management
- ✓ Preparation of urban, regional plan and village plan
- ✓ Analysis of municipal finance
- ✓ Analysis urban poverty and migration
- ✓ Analysis of urban informal sector
- ✓ Formulation, execution and evaluation of urban development programmes
- ✓ Cost benefit analysis of projects
- ✓ Conducting training need analysis in urban institutions and design of training
- ✓ Preparation of training modules for urban sector training
- ✓ Quantitative research in regional & urban economics / planning
- ✓ Service delivery improvement plan
- ✓ Economic analysis of urban water supply, housing, urban transport

**LANGUAGES**

- ✓ English – Speaking, Reading, Writing
- ✓ Bengali – Speaking, Reading, Writing
- ✓ Assamese – Speaking, Reading, Writing
- ✓ Hindi – Speaking & Reading

## **REFERENCES**

- ✓ **Prof. Manmohan Kapshe**, Department of Architecture and Planning; Maulana Azad National Institute of Technology, Bhopal – 462 003, Madhya Pradesh, India; E-mail: mkapshe@gmail.com ; Mobile Number: 98930 64696
- ✓ **Prof. Subrata Chattopadhyay**, Department of Architecture and Regional Planning; Indian Institute of Technology, Kharagpur, India; E-mail: schat@arp.iitkgp.ernet.in; Mobile Number: 94340 05801
- ✓ **Shri Rajiv Sharma**, Executive Director(P); Housing and Urban Development Corporation, Government of India; Email: hsmi\_rs@yahoo.co.in; rajivsharma@hudco.org; Mobile Number: 98683 15379
- ✓ **Prof. Chetan Vaidya**, Former Director, National Institute of Urban Affairs, Government of India, E-mail: vaidya.chetan@gmail.com ; Mobile Number 98113 11436

*Certified that the above information is an accurate portrayal of my background and expertise in urban planning, development and management.*

(Binayak Choudhury)