

KRITTIKA ROY

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SUMMARY

I have always displayed an inclination towards incorporating data-oriented solutions in my understanding of urban spaces. In this broad field of study, my interests are geared towards understanding physical planning as is practised on-ground with a focus on the financial and logistical factors that shape it. My strengths lie in my eagerness to explore and adaptivity to new fields of study, research documentation and analytical base and a desire to perfect my work. I, therefore seek an opportunity to gain professional exposure to the field of urban planning that complements my strengths.

EXPERIENCE

FRESHER

INTERNSHIP

Climate Centre for Cities, National Institute of Urban Affairs (NIUA), Delhi (Aug, 2021 – Present)

Agartala Smart City Limited, Tripura (1.5 Months; May, 2020 to July, 2020). Assisted in the preparation of Feasibility Report, Baseline Report and Stakeholder Management Plan for the Riverfront Development Project.

Kolkata Municipal Corporation, West Bengal (01 Month; June, 2018 to July, 2018). Developed an understanding of the system, structure and maintenance of basic municipal services and infrastructure provided to a city for its functioning.

West Bengal Housing Directorate, West Bengal (01 Month; December, 2017 to January, 2018). Understanding construction processes and financing mechanism of Government housing projects.

EDUCATION

Master of Planning (Specialisation in Urban Planning) (2019- 2021)

CEPT University | CGPA – 4.0 / 5.0

Bachelor of Technology (Civil Engineering) (2015-2019)

Heritage Institute of Technology, Kolkata | MAKAUT University | C. G. P. A. – 9.21 / 10.00

Central Board of Secondary Education – 12th (2015)

Tagore International School, Delhi | Percentage – 94%

Central Board of Secondary Education – 10th (2013)

Tagore International School, Delhi | C. G. P. A – 10.00 / 10.00

SOFTWARE SKILLS

Microsoft Office, ArcGIS, AutoCAD, STAADPro, R Commander, Adobe Photoshop, GeoDa

AREA OF INTEREST

Policy-Making & Research, Development Plan and Town Planning Scheme Formulation, Rural Area Development, Urban Regeneration Projects

**PRIME
ACADEMIC
PROJECTS**

Review and Analysis of Statutory Framework for Assam, Sikkim and Manipur (2021):

Under the pilot project by MOHUA to enable micro-level planning, channelised through CRDF, my thesis is related to reviewing the statutory framework with respect to the existing planning paradigm in the study areas. I have developed a thorough understanding of the relevant acts, planning efforts and background of the 3 states.

The Rise of Innovation Districts: Local Area Plan for Bengal Silicon Valley, Kolkata (2020):

The Local Area Plan for Bengal Silicon Valley in Kolkata focuses on capitalizing the development of mass transit projects like Metro through local interventions and public realm projects thereby increasing the potential of stagnating land markets around it. My contribution to the team work included GIS mapping & identifying and developing project level interventions for the plan area.

Developing Surat as an Industrial Economy: Development Plan for Surat 2041 (2019):

Preparation of development plan with a focus on incorporating the influence and mitigating the externalities of industries in the city. I led the work in formulation of FSI distribution, development control regulations and project interventions in environmentally sensitive areas.

Understanding Transformation through the Lens of Employment – A Study of Virat Nagar, Ahmedabad (2019): Developing a broad understanding of the functioning of a city by studying a 1 sq.km pocket of Ahmedabad through the lens of urban transformation, economy generators, housing affordability and public realm.

Assessment of Seasonal Variation of the Water Quality in Keshtopur Canal and its Pollution Potential (2018): Undergraduate thesis on analysing pollution levels, causes and identifying effects on the residing population utilising the canal water for their use.

**ADDITIONAL
COURSES**

Financing Urban Infrastructure Projects – SWS CEPT University, 2021

Coastal Development, Vulnerability and Resilience – SWS CEPT University, 2020

Understanding World Cities: Kuala Lumpur and Singapore – SWS CEPT University, 2019

**PROFESSIONAL
SKILLS**

Throughout various academic projects I have displayed strong research, analysis and problem-solving skills, ease in public speaking and comfort in both team work and organizational leadership positions.

**MEMBERSHIP
DETAILS**

Member of Institution of Public Health Engineers (IPHE) – LAM794

Applied for membership of Institute of Town Planners, India (ITPI)

**PERSONAL
DETAILS**

Date of Birth: 03rd June 1997

Languages: English | Hindi | Bengali

Nationality: INDIAN

DECLARATION

I hereby declare that the above-mentioned details in this resume are true, complete and correct to the best of my knowledge and belief.

Krittika Roy

(Krittika Roy)

PLACE: Kolkata, West Bengal