

PROFILE

I am an Urban and Regional Planner with specialization in Infrastructure by training inculcating three years and four months of professional experience. I bring in a composite experience of expertise in consulting for urban projects and academics, preparation of research reports, consultation with people at grassroot level and respective organizations, conducting research primarily in water, sanitation, transport, and Urban issues. During my professional tenure, I have gathered an acumen to work in projects which will create a social impact. I have organized mass awareness events on need of planning education, organized symposium, shared my research on Urban Water issues and challenges to peri-urbanization at a global level.

KEY SKILLS AND OTHER RESPONSIBILITIES

- My skill sets include analytical and research, Quick Learner and Team Player
- SPA-B Alumni Association- Secretary-2019 onwards, Former National Adviser Member-NOSplan, Former Unit Coordinator- NOSplan-CEPT
- GATE AIR 542 (2018), Qualified HPSC (2018), Qualified DDA Assistant Director-48 out of nearly 9000 candidates (2019)

PROFESSIONAL EXPERIENCE

Organization	Roles	Duration	Projects and Research
School of Planning & Architecture, Bhopal	Assistant Professor & Consultant	Feb 2018 to present	<ul style="list-style-type: none">• Ongoing Project- Infrastructure Expert for AMRUT-GIS based masterplan for greater Imphal (July,2019 onwards).• Completed Project- Urban Planner for Smart Cantonment Plan of Saugor, Madhya Pradesh (Mar,2018- Oct,2019).• Completed Project-Urban Planner for Coimbatore Regional Plan in MOU of SPA-B with GIZ & T.N. government (May,2018- April 2019).• Research presented on "Planning Imperatives for NRW Reduction of Ahmedabad" at Bangkok, Thailand (July,2019).• Research presented on "Spatial Temporal Dynamics of Peri-Urbanization of NCR" at Busan, South Korea fully funded by GIZ German consultant (Nov,2018) Research Interest: Water and Sanitation, Urban Issues and Policy.
Amity University, Gurgaon	Assistant Professor	Aug 2016 to Feb 2018	<ul style="list-style-type: none">• Author of Book titled: Assessing Accessibility of Metro stations of Faridabad published by Lambert Publishers with ISBN:978333006955 (May 2017).• Research publications on Non-Revenue water challenges and masterplan for advertisement devices.• Research presented on "Public Transit Accessibility" at Smart Cities Conclave in Thane (Jan,2018).• Research presented on "Future Prospects of Manufacturing in India at Gujarat (Oct,2018). Research Interest: Water and Sanitation, Urban Transport

EDUCATIONAL QUALIFICATION

Name of the Degree	Institution	Year of Passing
Master of Urban and Regional Planning	CEPT University, Ahmedabad	2016
Bachelor of Planning	School of Planning & Architecture, Bhopal	2014

PROFESSIONAL PROJECTS

Infrastructure Expert for AMRUT-GIS Based Masterplan for Greater Imphal, SPA Bhopal and Manipur T&CP Department. (July 2019 – Present)

The Preparation of the Master Plan of Greater Imphal along with its municipal area and outgrowth highlighting notified Master Plan for horizon period of up to 2020-2040 as per Manipur Town & Country Planning Act, 1975 which includes demand assessment, identification of issues, projected requirements, development strategy and draft proposals on the GIS base map and sector-wise data analysis with a focus on Infrastructure of the city of Imphal and its surroundings.

Roles and Responsibilities

- As Infrastructure Planner, I shall be spear heading all the physical infrastructure which includes identification of water and sanitation issues in the city, data collection and analysis, carry out stake holder consultations and identification of potential partners
- Preparation of detailed Inception reports which includes technical feasibility assessment, preparation of financial budget and obtaining required approvals from officials
- Organizing meetings with Government officials at Imphal.

Urban Planner for Smart Cantonment Plan of Saugor, SPA Bhopal and Saugor Cantonment Board. (March, 2018 – Oct,2019)

Smart Cantonment Plan is an unique exercise as it has a lot of land restrictions for development. It lies in the vicinity of the Saugor city and majority i.e. 70% internal to external trips as per household survey data of the resident population travels outside for work. The city and cantonment are interdependent for resources. Therefore, there is a need to enhance the facilities that may resolve the urban planning issues that need urgent attention.

Roles and Responsibilities

- As Urban Planner and academician, we integrated the project with academic studio exercise, we went to the Saugor Cantonment and resided in the cantonment for two weeks to understand the characteristics of Saugor Cantonment and collect necessary information.
- The information majorly included Land Classification, Land-Use, Housing condition, Traffic flow characteristics, Water and Sanitation systems and socio-economic characteristics of population.
- Preparation of detailed reports which included sectoral identification of issues and solutions.

Urban Planner for Coimbatore Regional Plan in MOU of SPA-B with GIZ & T.N. government (May,2018-April,2019).

A collaborative project with GIZ German consultants and Tamil Nadu Government. The GIZ consultants intends to identify four Tamil Nadu four districts namely Coimbatore, Erode, Nilgiri and Tirupur forming a region and the four districts were given to four planning batches at SPA B for research study. The research study focused on the regional characteristics and regional disparity broadly in terms of economy, resources, Infrastructure, environment and Policy Framework.

Roles and Responsibilities

- Studio Coordinator of Planning seventh semester worked on Erode Sub-regional Plan.
- Integrating work of all the identified sub regions.
- Preparation of inception, Interim and final report.
- Organizing Exhibition to show the intensive plan preparation process of regional plan after many iterations.

COMPUTER INTELLECT

MS Office, AutoCAD, Adobe Photoshop, Arc GIS (Basics), Google Sketch-up, IBM SPSS Statistics (Basics)

RESEARCH AND ACADEMIC PROJECTS

Research presented on “Planning Imperatives for NRW Reduction of Ahmedabad” at Bangkok, Thailand (July,2019).

The research presentation highlighted the emerging issues pertaining to water supply in India. The preliminary research showcased the wholistic issues related to accessibility of water supply in Indian cities. It endeavours to focus on supply and demand of water distribution. The supply side exhibits the existing institutional mechanism of water supply in India. The demand side highlights the inadequacy in terms of water distribution in Indian cities. The research examines the NRW in context of Ahmedabad. Ahmedabad has a population of 62 lakhs of which 78 percent resides within the municipal area .It illustrates present water supply in Ahmedabad. It evaluates the amount of non-revenue water which majorly include physical losses, commercial losses and unbilled authorized consumption. After assessment of NRW, the tentative solutions are recommended for the locations with higher percentage of Non-Revenue water.

Research presented on “Spatial Temporal Dynamics of Peri-Urbanization of NCR” at Busan, South Korea fully funded by GIZ German consultant (Nov,2018).

This research paper visualizes the spatial dynamics of National Capital region. The paper exhibits the emergence and evolution of Faridabad as a urban agglomeration to Delhi. It depicts the transition in land use, rural-urban migration in peri-urban areas through maps. The visualization of maps showcases the diversified spatial temporal dynamics of the city in terms of accessibility to public transit systems, emerging new networks, conversion of primary landholdings in to build up areas and internal migration to the city due to lower land values. The research takes in to account the proposed statutory transformation in the development plan of Faridabad through two decades. It elaborates the spatial fragmentation and social undulations in the urbanization process leading to emergence of contested spaces.

Author of Book titled: Assessing Accessibility of Metro stations of Faridabad published by Lambert Publishers with ISBN:978333006955 (May 2017).

This book has been a result of research work done for master’s dissertation at CEPT university, Ahmedabad. The research focus on accessibility challenges for commuters. In India, MRTS play a vital role for work trips from home. in many Indian Metropolitan cities, induction of Metro has taken place but have failed significantly in terms of promoting accessibility for people. Although, Delhi Metro network has expanded from Delhi border to Faridabad but commuter’s still face a lot of challenges while they travel from home to the metro stations . The study includes the detail information about the commuters who travel to the metro stations of Faridabad city. The para transit mode in the city includes buses, shared auto rickshaws and E rickshaws. The accessibility for the metro stations has been analysed during different time of day by using public transit accessibility level thus calculating equivalent doorstep frequency of each mode.

Academic Project- Preparation and Review of the Urban Development Plan of Samdrupjongkhar. (Ministry of Works and Housing, Royal Government of Bhutan, May 2013)

As a student, I contributed in infrastructure for studio exercise at SPA, Bhopal. The academic studio was a step towards preparation of Urban Development Plan for Samdrup Jongkhar Thromde, Bhutan, Department of Human Settlements, Ministry of Works & Human Settlement, Royal Government of Bhutan.

PERSONAL DETAILS

Date of Birth: 11th March 1992
Permanent Address: D-1309, Sainik Colony, Sector-49, Faridabad, Haryana ,PIN-121001
Contact Number: +91 9998474695
e-mail: vibhorebakshi2011@gmail.com
Linkedin: <https://in.linkedin.com/in/vibhore-bakshi-51915b104>

Place: Bhopal
Date: 01-Nov-2019

Signature: 