

## **Studio Exercises in the Department of Regional Planning (2022-2024)**

August to December 2022

### **Metropolitan Region Plan for Ahmadabad, Gujarat, 2042**

Metropolitan regions are driven by city and hinterland relations, which is of great relevance in today's context of privatization and globalisation. The metropolitan regions also generate several agglomeration economies which act as economic opportunities for the region and create dynamism for it. The metropolitan region plays a significant role in economic interactions in terms of backward and forward linkages, work, accessing various kinds of services and facilities, and so on. The studio exercise provides an opportunity to comprehend such dynamism in a metropolitan region by understanding spatial, economic, social, and environmental relations.

The studio exercise in the third semester aims to prepare a metropolitan region plan. Tasks to be carried out for the exercise are as follows:

- Delineating the metropolitan region to be taken up for detailed study.
- Preparation of Base Map and data analysis pertaining to demography, socio-economic, livelihood, natural resources etc.
- Carry out spatial, socio-demographic, physical, economic, environmental and institutional analysis for the delineated area.
- Identify issues and potentials and suggest strategies. Give proposals for the metropolitan region.
- Identify projects based on proposals and prepare an implementation plan detailing the phasing of investment and sources of funds.
- Prepare Metropolitan Region Plan for Ahmadabad for 2042

January-June 2023

### **Block and Village Development Plan for Parseoni Block, Nagpur District, Maharashtra, 2043**

The Block and Village forms an essential unit of study as a part of decentralised planning and governance that possesses the required heterogeneity and is small enough to undertake people in planning and implementation. The preparation of a spatial plan for a district has assumed even greater significance after the implementation of 73rd and 74th Constitutional Amendment Act. The major objective of the in this regard constitutes to create a holistic rural development plan.

The output of this planning exercise is to come up with spatial strategies for the development of various sectors and to recommend policy interventions wherever required. The literature review covers a variety of topics related to block and village development planning. The study is divided into three parts: • Part A comprises of sectoral level analysis for the block. • Part B comprises of Village analysis • Part C provides the projections, proposals, and plan for both block and village. The analysis began with an examination of the importance of block planning and village planning and how the concept emerged throughout the historical time frame as a part of rural development policies and programs. This also embarks on the study plausible

approaches to promote an efficient rural development plan. The concepts, as well as the methods and approaches for its implementation were also studied. Finally, comprehensive case studies of three villages within the Parseoni block was studied to attain an economic, social and environmentally inclusive future for the Parseoni block

August-December 2023

### **Metropolitan Region Plan for Lucknow, Uttar Pradesh, 2043**

Metropolitan regions are pivotal in a nation's growth, serving as economic engines, cultural melting pots, and innovation hubs. Economically, they generate substantial wealth, housing diverse industries and businesses that drive GDP. These areas foster innovation through leading research institutions and tech companies, influencing global advancements. Their cultural diversity enriches society, offering a wide range of activities and promoting inclusivity. Infrastructure development, educational opportunities, and connectivity further enhance their significance, attracting investments and fostering sustainable development. Metropolitan areas also require specialized governance to address complex challenges like housing and public services while ensuring equitable growth. Their economic diversification strengthens resilience against downturns, impacting national policies and global trends due to their immense political, economic, and cultural influence. Ultimately, these regions are vital contributors to a country's progress, influencing not only local but also global affairs.

The output of this planning exercise is to come up with spatial strategies for the development of various sectors and to recommend spatial and policy interventions wherever required. The literature review covers a variety of topics related to Metropolitan region development planning. The study is divided into four part parts:

- Part A comprises of literature review and delineation of the region
- Part B comprises of sectoral analysis for the metropolitan region
- Part C details out the projections and proposals of the region
- Part D provides project report of the selected project.

The analysis began with an examination of the importance of metropolitan planning and how the concept emerged throughout the historical time frame as a part of regional development policies and programs. This study also embarks on the needs for metropolitan planning and the challenges encountered by a metropolitan region. The concepts, as well as the methods and approaches for its implementation were also studied. Finally, three project pertaining to the transportation, economic development, and physical infrastructure in the Lucknow metropolitan Region have been identified and detailed out.

January-May 2024

### **Block and Village development plan for Ghatigaon block, Gwalior District, Madhya Pradesh 2044**

The preparation of 'Block and Village Development Plan 2043 for Ghatigaon Block, Gwalior District, Madhya Pradesh' is a project undertaken by second semester (Batch 2022-2024) regional planning students at the School of Planning and Architecture, Delhi. The exercise is

carried out in three parts, starting with Part A, which includes a literature review, methodology and detailed analysis for the block along with issues and potentials. Part B details the analysis of three selected villages within the Ghatigaon Block which area Baharana, Ghatigaon and Tigra with its issues and potentials. Part C consists of the detailed proposals of each sector for the Ghatigaon block and the selected villages. The study contains analysis of several sectors and proposes strategies for each sector. The different sectors which are studied for the preparation of the plan include Demography and Settlement Pattern, Land Utilization, Economy, Transportation, Physical and Social Infrastructure, Environment and Disaster, Governance and Finance. The study is mainly based on secondary data sources and interaction with the stakeholders. The output of the analysis outline block and village growth strategy addressing its core issues and enhancing its potential.