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| **Name of Course** | Area Planning Studio (MPIS 101) |
| Programme & Sem: | **M Plan Integrated semester** |
| Course Duration:  | August 2023-December 2023 |
| Course Coordinator: | Mr. J.M.Bhagwat, Assistant Professor, Dept. of PlanningDr. Solanki Ghosh, Assistant Professor (adhoc), Dept. of Planning |
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**Objective of the Studio:**

The objective of the studio exercise is to enable the students to understand the socio-economic and political context along with the land use dynamics of the study area concerning the village and city.

**Studio Brief**

The studio exercise seeks to develop in students the skills needed by a spatial planner to critically assess the condition of a settlement and plan for it accordingly. For this purpose, area appreciation studies are done at the village, neighborhood, and sub-city levels to gain exposure to the socioeconomic, spatial-cultural, and environmental characteristics. The studio includes three exercises:

1. **Area development plan**

This exercise aims to make the students understand the characteristics of an area (sub-city level) in the context of its land use, demography, physical and social infrastructure, transportation, environment, socio-economic conditions, and governance. It included the preparation of area profiles and studying the impact of land use, and economic and socio-cultural activities on the physical environment of the area.

***Case Area - Visakhapatnam***

Once a small fishing village, Visakhapatnam had witnessed the reigns of Ashoka, the Pallavas, the Cholas and the Gangas. Today you can see the country's largest shipbuilding yard with natural harbor and beach, stretching endlessly against the backdrop of low hills and dotted with secluded caves and creeks.

The picturesque beaches and the 30 km's long Bheemili-Visakhapatnam coastal road that runs along the sea offer scenes of breathtaking beauty.

The blue waters caressing the golden sands at different points along the length of the coast thrill fun-loving holiday makers underlying the fun and relaxation wherever you go and whatever you do. In Visakhapatnam, there are two prestigious universities one is ANDHRA UNIVERSITY and the other one is the prestigious and oldest medical colleges, ANDHRA MEDICAL COLLEGE. Also, there are many reputed colleges, schools, and other educational institutions.

Keeping in view the sustainable development, the Greater Visakhapatnam Municipal Corporation brings a conscious change to logistic approach for a well-drafted city development plan to see its reality.

* Three areas were selected from Visakhapatnam by students of specific parameters.

The class was divided into three groups of 17-19 students for each of the above-said areas. An area appraisal was made which included documenting, benchmarking, and analyzing the land use, demography, physical and social infrastructure, transportation, environment, socio-economic conditions, and governance of these areas. An attempt has been made by the students to come out with broad recommendations/proposals for a few selected sectors.

1. **Village Planning**

This exercise aims at learning how villages/rural areas are different in physical and social structure from urban areas. Students are expected to understand and appreciate how development impacts the area and the people and the need to balance development with livelihood. Students need to understand the need for a balanced development with the incorporation of elements like sustainability, livelihood, environmental protection, inclusive growth, and institutional engagement.

Group 1: Ch.N.Agraharam and Chepaluppada gram panchayat of Vishakapatnam District (one along the highway corridor and one along the coast respectively)

Theme: Planning strategies for village in transition

Group 2: Telaprolu Panchayat of Krishna district

Theme: Implementation of GPSDP

1. **Neighbourhood/Site planning**

This exercise aims preparation of neighbourhood/site plan considering different user groups. This involved the preparation of residential/site plans in areas where new developments are coming up. The students were given a problem statement to plan Greenfield for a population of a minimum of 3000 with a density of 200-250 persons/hectare adhering to the local bylaws. The students have been divided into groups of three who then identified sites of size 10-12 Hectares from in and around Vijayawada. The exercise involved site analysis, site zoning, area calculations, land use plan, plotting and building prints, and infrastructure demand calculations and layouts.