

Studio Brief: Built Environment and Site Planning Studio (PLN301)

Name of Course: Built Environment and Site Planning Studio (PLN301)
Programme & Sem: Bachelor of Planning, Semester three
Course: Studio
Duration: August to December, 2023
Studio Coordinator: Ms. Ekta, Assistant Prof., Dept. of Planning (St. Co.)
Studio Faculty

Objective: To do hands on experience on the built environment and components of site planning.

Introduction: The studio exercise focuses on imparting knowledge of planning and development at the lowest planning level of site/neighbourhood level, with an intention of developing a cohesive understanding of functional and design relationship between people, natural environment and built up. The studio will happen in three phases:

Sl.. No	Duration	Details	Mode
1	Week 1-2	Understanding the components of site planning site analysis and built environment: Site planning process, site and user analysis including built environment and the quality of life. Site Analysis and study of built environment would be taken up further which will include study of topography, site services, context, climate, social and behavioral factors etc.	Lecture, case studies, discussions
2	Week 3-5	Study of Existing Layouts: Study and documentation of a planned housing layout within the case area; Blocks, building mass and void analysis, built form and open space relationships, three-dimensional relationship of spaces, density, footprints, layout regulations, infrastructure components, circulation, landscape elements, etc. study of residential, commercial, institutional or industrial neighborhoods. And Field Visit	Literature study, Case study- desktop study, on site documentation
3	Week 6	Assessment 1	
4	Week 7-8	Layout design: for the case area based on site analysis and built environment study carried out in the case area. Detailed programme for the Layout design to be developed based on the analysis. Evaluation of standards, formulation of alternative strategies and final proposal.	Discussion
5	Week 9	Mid sem assessment	
6	Week 10-17	Layout design: for the case area based on site analysis and built environment study carried out in	Discussion

		the case area. Detailed programme for the Layout design to be developed based on the analysis.Evaluation of standards, formulation of alternative strategies and final proposal.	
7	Week 18	Internal Review	

This studio aims to enhance site planning abilities with a focus on the housing component of a region. The importance of neighbourhood planning concepts and how they apply to land development is stressed. A neighbourhood is a unit used for master plan detailing. It calls for the placement of housing units in addition to the necessary recreational, educational, retail, and other amenities. Additionally, it has sociocultural value.

People living in a well-planned neighbourhood will feel more unified and connected to one another. Planning should prioritise the development of concepts that aim to achieve this. A neighborhood's land use, roadway layout, infrastructure, constructed form, and planned open spaces are its fundamental design components. These must be combined in a way that is both useful and appealing. The neighbourhood must, in a broader sense, be involved in the planning and development of the area surrounding it. To create concepts that are pertinent to the neighborhood's setting, an analysis of the area's demographic, socioeconomic, and physical aspects is required.

Along with the current and planned patterns of future expansion, factors including the location and kind of land uses and infrastructure facilities need to be taken into consideration. To evaluate the project's viability, it is also required to analyse the likely development costs. The site conditions, prospective infrastructure, municipal development bylaws, and development restrictions must all be taken into account during this research.

Source:

1. Dechiara, Joseph., Panero, Julius and Zelnik, Martin (2001), *Time-Saver Standards for Interior Design and Space Planning*, Mc-Graw hill, Boston.
2. Dixon, John (2007), *Urban Spaces*, Visual Reference, Dixu.
3. Lagro, J.A.Jr (2001), *Site Analysis Linking Program and Concept in Land Planning and Desing*, John wiley, Canada.
4. Government of India (2015), *Urban and Regional Development Plans Formulation and Implementation (URDPFI) Guidelines*. Vol. 1, Town and Country Planning Organisation, Ministry of Urban Development, New Delhi.

Note:

1. Any other closed holidays as declared by SPAV shall supersede the above lecture plan. Holidays shown above may alter as per Notice from time to time.
2. Assessment Sessions may be re-scheduled, with prior intimation.
3. Reading lists provided is not exhaustive and is subject to addition – students are advised to follow progression of class to keep abreast of the new reading lists, if any.