

# NIRMA UNIVERSITY

## Institute of Architecture and Planning

### Bachelor of Architecture

#### Semester-IV

L	W	S	C
2	-	-	2

<b>Course Code</b>	<b>2AR467</b>
<b>Course Title</b>	<b>Introduction to Housing</b>

#### Course Learning Outcomes (CLO):

At the end of the course, students will be able to –

- Infer the importance of the “house and housing” as a basic need of the people.
- Discover the evolution of various housing typology at its merits and demerits
- Create different design alternatives, appropriate material construction technology, appropriate to the context and socio cultural attribution of the people

**Syllabus: 15 weeks (2 hours/week)**

**Total Teaching hours: 30 Hr**

Unit No.	Syllabus: Topic	Sub Topic	Teaching hours:
1	Various typology of house and housing	<ul style="list-style-type: none"><li>• What is Housing?</li><li>• Concept of Mass Housing</li><li>• Housing Design Understanding Through A Case Study (Analysis Based)</li></ul>	10 hours
2	Housing material, construction, techniques and quality monitoring	<ul style="list-style-type: none"><li>• Different type of concepts on housing</li><li>• Utopia to Heterotopia</li><li>• Accessible Housing</li></ul>	10 hours
3	Place, environmental, social, economical and cultural dimensions for housing	<ul style="list-style-type: none"><li>• Site Analysis and Scale of housing</li><li>• Context   Concept</li><li>• Need for Supporting Facilities</li></ul>	10 hours

L= Lecture, W= Workshop, S= Studio, C= Credit

**Suggested Readings:**

1. Leupen, Bernard, and Harald Mooij. *Housing Design: a Manual*. NAI Uitgevers, 2018.
2. Habraken, N. J., and Jonathan Teicher. *Supports: an Alternative to Mass Housing*. Urban International Press, 2011.
3. Bosma, Koos, et al. *Housing for the Millions: John Habraken and the SAR (1960-2000)*. NAI Publishers, 2000.
4. White, Edward T. *Site Analysis: Diagramming Information for Architectural Design*. ArchiBasX Press, 2013.
5. Correa, Charles. *Charles Correa Housing and Urbanisation*. Thames & Hudson, 2000.
6. Rybczynski, Witold. *How the Other Half Builds. Vol. 1: Space*, Centre for Minimum Cost Housing, 1984.
7. Barquin, Carlos. *How the Other Half Builds. Vol. 2: Plots*, Centre for Minimum Cost Housing, McGill University, 1986.
8. Bhatt, Vikram. *How the Other Half Builds. Vol. 3: Self-Selection Process*, Centre for Minimum Cost Housing, McGill University, 1990.
9. Wates, Nick, and Jeremy Brook. *The Community Planning Handbook: How People Can Shape Their Cities, Towns, and Villages in Any Part of the World*. Earthscan from Routledge, 2017.