

**Subject : Housing and Space designing.**

**Paper No – RM 302**

**CC – 6**

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**Objectives:**

5. To acquired knowledge regarding importance of housing.
6. To acquired knowledge regarding housing and it's building hi – laws.
7. To provide knowledge domestic space requirement for different activities.

**Content**

**Unit – 1 Housing.**

- Need and its importance.
- Difference between home and house.
- Types of house (Structure wise).
- Factors to be considered while selecting housing.

**Unit – 2 Types of plan (used in housing).**

- Elevation, cross sectional, site, floor plan.
- Housing planning principles –  
Aspects, prospects, privacy, circulation, ventilation, roominess, groupness,  
sanitation, furniture requirement.

**Unit – 3 Types of materials used in house.**

- Construction materials.
- Building materials.

- Components of house structure.

Foundation, plintu, floor, walls, doors, windows, lintle, pa rapet, eating ect.

Unit – 4 Standards for residence.

- Area wise measurement.
- Rules and regulation for construction of building.
- Criteria for space designing.

Unit – 5 Wiring and water supply.

- Domestic wire planning.
- Domestic plumbing and gulner supply.
- Basic regulation for wiring and plumbing.

### **Practical**

- 1) To study about various symbole used in house plan.
- 2) To study market survey of building materials.
- 3) To draw types of drawing used in house plan.
- 4) To draw different house plan.
- 5) To visit construction site.
- 6) To collect structure wise house pictures.

### **References**

- 1) Housing for family living.
  - Gandotra vrena.
- 2) The house.
- 3) “Kautumbic Avas Yojana”