

2.12 40512 INTERIOR TECHNOLOGY & MATERIAL-2

- 1.1 This course introduces students to the art and science of building.
- 1.2 Emphasis will be placed gaining an understanding of construction materials, methods and the process of translating design ideas into built form.
- 1.3 Specific topics are introduced each week. These topics are then further, various design strategies, materials, fabrication techniques, and didactic built works are explored.
- 1.4 As both a qualitative and a basic quantitative understanding of elementary systems are mastered, the curriculum shifts its focus onto increasingly complex systems serving entire buildings.
- 1.5 The sequence's last two courses develop an understanding of how technical-utilitarian systems are resolved, integrated with other systems.
- 1.6 The material in class requires students to have some experience and understanding of architectural design, drawings and details.

2 FALSE CEILING

- 2.1 Introduction to ceilings- types of ceilings,
- 2.2 Metal coated strip sections, ply, p.o.p, gypsum [readymade branded ceiling systems]
- 2.3 Construction details of the above mentioned ceilings.

3. FLOORING MATERIALS AND ITS CONSTRUCTION

- 3.1 Introduction to flooring, types of flooring material ,natural stones,vtrified flooring tiles,
- 3.2 Cement paving blocks,
- 3.3 Synthetic flooring tiles or rolls, laminated flooring tiles,
- 3.4 Construction methods of above mentioned flooring materials.
- 3.5 Tile on tile construction method of fixing tiles.

4. METALS

- 4.1 Ferrous & nonferrous metals and alloys
- 4.2 Pig iron-cast iron-wrought, iron-mild, steel-high carbon, steel-copper-aluminum-brasses-bronze-monel metal
- 4.3 Uses of above mentioned metals, alloys, & their properties.