

GUJARAT TECHNOLOGICAL UNIVERSITY

Syllabus for Bachelor of Interior Design

SEMESTER-3

SUBJECT NAME – INTERIOR MATERIAL & TECHNOLOGY - III
SUBJECT CODE – 1035104

EMPHASIS:

- Construction of horizontal & vertical planes such as flooring, partitions, false ceilings, roofs and staircases.

CONTENT:

- Terminology, understanding of components, design parameters, requirements & methods of construction, criteria for selection of materials of all of the above.
- Floors: Dry & wet floors, timber, wooden, steel, pre-cast r.c.c. floors, metal decks, etc.
- False ceilings: Suspended, Plaster of Paris, cement sheet, gypsum board, fiber board, metal, etc.
- Roofs: Basic introduction and design consideration.
- Staircases: Various types of staircases and their detailing with various materials used namely metal, wood, glass, etc.
- Appropriate technology used for design and construction.
- Incorporation of services in the design of the above.

THRUST/PROJECTS:

- Minimum 1 case study of each of the element above mentioned in the contents.
- Drawings and models.
- Construction site visits.
- Market survey.

REFERENCES:

- Mackay W. B. : Building Construction – Volumes I, II, III & IV.
- Barry R.: The Construction of Buildings – Volumes I, II, III, IV, V & VI
- Arora S. P. & Bindra S.P. : Building Construction.
- F.D.K.Ching : Building construction illustrated.
- F.D.K.Ching : Interior design illustrated.