

GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH NAME: M. Arch. (INTERIOR ARCHITECTURE)
SUBJECT NAME: Interior Construction and Technologies
SUBJECT CODE: X26202
1st Year
Semester: II

Prerequisite:

There is no prerequisite for taking this course.

Rationale:

Study of different interior materials and their construction and technology used in interior architecture

Teaching and Assessment Scheme:

Teaching Scheme			Credits C	Examination Marks				Total Marks	University Exam Type
Field work	Lectures	Studio		External exam		Internal exam			
			(ESE)Theory	(ESE) Viva	(PA)Theory	(PA)Viva			
NA	2	2	4	40	00	60	00	100	3 Hr. Exam

Content:

Sr. No.	Content	Total Hours*	% Weightage
1	Types of Glasses & polycarbonates, their properties & application. Glass construction technologies used in interior architecture	16	25%
2	Types of polymers and their properties. Common polymers used in interiors and their uses. Environmental impact of material application and technology.	12	25%
3	Surface materials and finishes (building and interior) used in Interior: Types of flooring used in interior construction Tiles, linoleum, cork, wooden flooring, stone etc. Different types of textiles used in interior. Their properties and applications. Other materials such as Plaster of Paris, rubber, leather, papers, resins, paints & varnishes and other contemporary finishes.	36	50%

*: indicative

References:

- Construction materials for interior design: principles of structure and properties of materials, William Rupp, Arnold Friedmann, Philip F. Farrell
- Inside: interiors of colour, fabric, glass, light by, Sibylle Kramer, Iris van Hülst
- Materiality and Interior Construction, book by James Christopher Postell and Nancy Gesimondo, 2011

- Interiors Construction Manual: Integrated Planning, Finishings and Fitting-Out, Technical Services, book by Gerhard Hausladen and Karsten Tichelmann, 2010

List of Projects/Assignments*:

Coursework shall consist of lectures/presentation on various topics listed above supported with visuals in form of drawings, sketches, photographs, models etc. Written assignments with sketches, drafted drawings for construction detailing and model making exercises, presentations etc can be given to students. Site visits, market surveys and various other ways to engage with industry must be incorporated in this course.

*- this is suggestive for common purpose.