



GUJARAT TECHNOLOGICAL UNIVERSITY

BACHELOR OF INTERIOR DESIGN

Subject Code: 2X45103

Subject Name: INTERIOR MATERIAL & TECHNOLOGY -IV

Prerequisite:

It is mandatory to complete Interior material & technology III in order to opt for this course.

Rationale:

Construction of service areas: Toilet and Kitchen.

Teaching and Assessment Scheme:

Teaching Scheme			Credits C	Examination Marks				Total Marks
Lectures	Tutorials	Practical		External exam		Internal exam		
			(ESE) Theory	(ESE) Viva	(PA) Theory	(PA) Viva		
2	0	2	4	40	NA	60	NA	100

Content:

Sr. No.	Content	Total Hours *	Weightage *(%)
1	Unit 1 False ceilings and False Flooring. <ul style="list-style-type: none">• Basic• Advanced	12	20
2	Unit 2: Kitchens <ul style="list-style-type: none">• Sequences and interrelationships of service areas• Design criteria, space planning and parameters of various type• Readymade kitchens/Modular.	12	20
3	Unit 3: Toilets <ul style="list-style-type: none">• Segregation of dry area and wet area.• Design and detailed Drawing• Gadgets, equipment and their application	12	20
4	Unit 4: <ul style="list-style-type: none">• Exposure to specialized kitchens and toilets: Restaurants, Hotels, Hospitals, Colleges, residential, commercial, etc.• Application of related services namely plumbing and drainage system, electrification, artificial ventilation system, etc. in design.	16	20
5	Unit 5: <ul style="list-style-type: none">• Construction technology and sequence of events in execution.	12	20

*: indicative

Thrust / Projects

- Case studies of different types specialized and large scale kitchens and toilets.
- Drawings & details of minimum 2 types and sizes of Toilets / Toilet Blocks and Kitchens.
- Market survey of materials & costs.

Reference Books:

- Ching, F.D.K.: Interior design Illustrated.
- Neufert: Architect Data.
- Time Savers Standards for Interior Design and Space Planning.
- Donald Watson: Time saver standers for building material and systems.

*- this is suggestive for common purpose. Faculty may decide on this, considering student group and institution philosophy.