

Proposed Scheme and syllabus for BACHELOR OF INTERIOR DESIGN at Veer Narmad South Gujarat University, Surat.

B.I.D.-I, Semester-II

BASIC STRUCTURE-II

A	SUBJECT	CONTACT HRS..				CRE DITS	INTERNAL 60%						EXTERNAL 40%					Grand Total	
		Lecture	Studio	Workshop	Total Hrs.		Credits	Presence	Continuous evaluation	Internal Test	Mid.-Sem. jury	Total Internal (H+I+J+K)	Passing (40% OF L)	Final Exam.	Final Jury	Portfolio Submission	Total External (N+O+P)	Passing (40% of Q)	Total (L+Q)
	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
							10% of S	30% of S	20% S		60% of S	24% of S	40% of S				16% S	100 %	45% of S
	Basic Structure-II	2	-	-	2	2	20	60	40	-	120	48	80	-	-	80	32	200	90

EMPHASIS: Behavior of materials and basic structural systems.

CONTENT: Structural properties of basic materials like masonry, timber, concrete and steel. Introduction to basic structural systems such as post-beam, bearing wall system, Trusses, rigid frames, and their behavior. Distribution of loads through the elements of the system. Case Studies.

Effect of simple geometric forms on the overall structural behavior.

Working out structural systems and their layout for a small building, elements of interior spaces – false ceilings etc. and furniture forms.

Details regarding various types of structure like masonry structure, framed structure (R. C. C. or steel) and structural systems.

REFERENCES: Bear & Johnston – Vector mechanics for engineers – static
Desai and Mistry – Engineering Mechanics, Static & Dynamics
Junarkar & H. J. Shah – Applied Mechanics
Jeffery Cook – Seeking Structures from Nature