

Proposed Scheme and syllabus for BACHELOR OF INTERIOR DESIGN at Veer Narmad South Gujarat University, Surat,
B.ID. II; Semester III:

METAL WORKSHOP

A	SUBJECT	CONTACT HRS.				CREDITS	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% of S	100%	45% of S	
	METAL WORKSHOP	-	-	4	4	2	20	60	-	40	120	48	-	-	80	80	32	200	90

EMPHASIS: Comparative analysis of various metal and their design parameters. Learning should be by feel and working with metals to explore design.

CONTENT: Types of metals, properties of metals, definitions of terms with reference to properties and uses of metal, various methods of working with metals, fixing and joinery in metals finishing and treatment of metals, finishes of metals, standard specifications.

Metals in 'Built Form' activity – horizontal, vertical and inclined surfaces – in interior environment elements – products and furniture forms – doors, windows, 'jaalis' railing, stairs etc.

Metals and other materials – forms and joinery.

Teaching Sessions:

- 1) Theory : types of metals
- 2) Theory : Properties of metals
- 3) Selection of product drawing
- 4) Product drawing models and theory : uses of metals
- 5) Product drawing models and theory : definition of terms
- 6) Site visit : metals workshop
- 7) Analysis + modifications, theory : fixing and joinery
- 8) Analysis + modification, theory : finishes
- 9) Preparation of final presentation : prototype fabrication
- 10) Site visit – powder coating plant, chrome – work plant

REFERENCES:

1. Joseph de chiara, McGraw Hill – time Saver standards for interior design and space planning – New ed.
2. Neufert – Architects Data
3. Ahmed kasu - interior design – an introduction to Art, craft science, Technique and profession of interior design
4. Ching, Francis D. K. - Form, space and Order
5. Ching, Francis D. K. – interior design Illustrated
6. Ching, Francis D. K. – Visual dictionary
7. Ruskin, Eugene – Architecture : scale and proportion
8. Berger john – Ways of Seeing
9. Alexander Newman – Metal Building Systems
10. W.L.Mackey - Building Construction – Vol 1& 2

