

**BACHELOR OF INTERIOR DESIGN**  
**Veer Narmad South Gujarat University, Surat.**

**B.ID. I; Semester II**

**INTERIOR MATERIALS AND TECHNOLOGY II**

Sub  1	Cod e No.  2	Teaching Scheme (Contact Hours)			Examination Scheme (MARKS)						Grand Total / Min <sup>m</sup> Passi ng 9+10
					Internal (50%=10%+20%+20%)				External		
		Lect ure 3	Studio 4	Total Credit 5	Internal / Attend (10%) 6	Conti n. Eval. (20%) 7	Final Review (20%) 8 (Jury/Viva/ Test)	Total (50%) (6+7+8) 9	(50%)		
		Total 10	Min. Pass 11								
Interior Materials & Technology II		2	2	4	20	40	40	100	100	100 / 40%	200 / 45%

**TECHNOLOGY**

**EMPHASIS:** Understanding of making of openings

**CONTENT:** Definition & terminology of opening  
 Introduction of materials used for making of an opening – wood, M. S. Steel, Aluminium  
 Design standards & criteria of openings  
 Construction sequence & method of openings  
 Construction of opening out of wood, steel & Aluminium  
 Specifications of openings  
 Understanding & exposure of Hardware  
 Hinges, Handles, Fasteners, Locking devices

**MATERIALS: SURFACE FINISHES**

**EMPHASIS:** Material sciences relevant to interior design fields – with specific reference to their surface related qualities.

**CONTENT:** Surface finish – as a science, the environment, the substrate conditions, the originating demands layered and other composites.

1. Wood, wood products and derivatives.
2. Coatings, clear and pigmented finish, technical or protective coatings.
3. Fabrics – fibers, weaving techniques, fabric treatments, carpets durries tapestries, fabric crafts.

**☞ REFERENCES:**

- 1) Mackay W. L. – Building Construction – Volume – I – II - III
- 2) Barry R – The Construction of Building
- 3) Cowan Henry – Handbook of Architectural Technology
- 4) Atten Edward – Fundamentals of Building Construction