



Autonomous (2016-17)

Malad Kandivli Education Society's

**NAGINDAS KHANDWALA COLLEGE**

**OF COMMERCE, ARTS & MANAGEMENT STUDIES**

**AND SHANTABEN NAGINDAS KHANDWALA COLLEGE OF SCIENCE**

(Re-accredited (3<sup>rd</sup> cycle) by NAAC with 'A' Grade)

ISO 9001 : 2015 Certified

Educational Excellence Award By Indus Foundation, U.S.A.

IMC Ramkrishna Bajaj National Quality Commendation Certificate

**New Courses introduced**

**2017-18 to 2020-21**

**DR. (MRS.) ANCY JOSE  
PRINCIPAL**



**Syllabus of Courses of  
B.Sc. in Interior Design  
at Semester II  
(Implemented during Academic Year 2020-2021)**

**3. Advance Technology in Construction & Building Materials**

**Modules at a Glance**

<b>Sr. No.</b>	<b>Modules</b>	<b>No. of lectures</b>
Module 1	Walls & partition building materials	15
Module 2	Wall cladding and panelling materials	15
Module 3	Simple modular furniture	15
Module 4	Simple modular furniture detailing	15
	<b>Total</b>	<b>60</b>

**Course Objectives**

- To learn and apply techniques of construction based on Interior design portfolio Sem-I
- To learn and apply different building cladding materials based on Interior Design Portfolio Sem-I

**Course Outcome**

After successful completion of the course the student will be able to:

CO1- Illustrate the design transformation from History to Modern Era and analyse the different forms & elements in interiors functionality & aesthetics using examples from history and analysis. (Cognitive level: Understand)

CO2- Apply historic design styles to contemporary interior environment settings and identify its impact on current trends. (Cognitive level: Apply)

## Detailed Syllabus

Module	Topics	No. of Lectures
<b>1</b>	<b>Walls &amp; partition building materials</b>	<b>15</b>
	Wooden framed fixed partition with single/double skin, aluminium framed partition, dry wall partition systems, full glass partition with architectural hardware.	
<b>2</b>	<b>Wall cladding and panelling materials</b>	<b>15</b>
	Wall cladding in different materials, wall panelling in different materials.	
<b>3</b>	<b>Simple modular furniture</b>	<b>15</b>
	Introduction to modular furniture, analysing the need and criteria for selection, materials used and constructional details.	
<b>4</b>	<b>Simple modular furniture detailing</b>	<b>15</b>
	Detailing of modular furniture and making constructional study through visits to vendors & expos & workshops.	

### Reference Books

1. Barry, R. (1999). The Construction of Buildings Vol. 2. 5th Ed. New Delhi : East-West Press.
2. Sushil Kumar (2010)- Building construction
3. Sharvari Gijare - Construction Technique for Interior Design
4. McKay, W. B. (2005). Building Construction Metric Vol. I-IV. 4th Ed. Mumbai : Orient Longman.
5. Rangwala, S.C. Building Construction: Materials and types of Construction, 3rd ed. John Wiley and Sons, Inc., New York, 1963
6. S.K.Duggal, Building Materials, Illustrated, A.A.Balkema,1998.