

4-Year Degree Under Graduate (UG) Syllabus

B Design – Foundation Course

Semester - II

Subject	Credits	Total Hours	Marks		
Material Studies	4	120	100	-	100
Practical			Internal	External	Total

OBJECTIVES:

The learner will be able to -

- 1) Use and apply the different materials that create different approaches and feelings in the product.
- 2) Relate various materials and explore them to enhance and reward various products.

CONTENT:

Block No	Objective	Topic/Content Analysis	Assignments	% of weight age Marks
1	To be able to explain the relevance & importance of Materials in design	To develop an understanding of behavior, characteristic, properties, dimensionality, physical and visual potential of the basic materials (Solid, Plainer, Linear and Granular)	A report presentation on Research of different basic materials	25
2	To be able to use hands-on experience with exploring different ways of manipulating material.	To educate and create an interest for material and their potentials through manipulations		25
3	To be able to use the technical tools for material manipulation and creation of product	Orientation of basic hand tools, cutting tools & techniques to manipulate following materials 1. Wood 2. Plastic 3. Metal 4. Glass	Creation of one product using any one material.	25
4	To be able to manipulate specified materials.	Materials- 1. Paper 2. Clay 3. Textiles 4. Leather	Submission of creative paper bags [4 bags of different shapes Submission of clay relief work and	25

		5 Wax	coil pottery.	
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Evaluation pattern –

Internal Assessment:100 marks continuous evaluation which includes Class Assignments (75 Marks) and Class test (25 Marks)

REFERENCE BOOKS:

1. Newman (June 1969), *"Plastic as an art form"*, Univ Book Service.
2. Thelmar V.R. (Mar 14, 2003), *"Material Science"*, Motilal UK Books of India.
3. Verhelst, Wilbert (January, 1988), *"Sculpture : Tools, Materials and Techniques"*, Prentice Hall; 2 Sub edition.