

CODE	SUBJECT	MARKS
ID –	BASIC DESIGN – 2	
FOCUS		
	-To develop the perceptions towards using the basic principles of aesthetics which can be useful to create a built form - emphasis on 3D form/space	
CONTENT		
	<ul style="list-style-type: none"> - Observing and analyzing the natural objects and transferring into manmade patterns - Generation of 3D forms from 2D shapes: exploration of various techniques (extrusion, repetition, addition, twisting etc.) - Modification of 3D forms - Volumetric study v/s analysis through height v/s 2D configuration - 3D composition using 2D geometric shapes - Study of solid v/s transparency (void) - Exploration of form from within 	
METHODOLOGY		
	<ul style="list-style-type: none"> – theoretical explanation - Series of graphical exercises and transform/conversion into 2D and 3D models through exploring different media – understanding tangibility of spaces by converting 2D graphical designs into 3D compositions through models - preparing the 3D compositions using the different materials to express reflection of the perception 	
REFERENCE BOOKS		
	Art in Everyday life- Harriet Goldstein Logic and design –Krome Barrat 101 things I learnt in Architecture –Mathew Fredrick Pattern language –Christopher Alexander Form, Space and Order –D.K.Ching What is Design-Paul Grilo	

CODE	SUBJECT	MARKS
ID –	ARCHITECTURAL GRAPHICS – 2 (TRD)	
FOCUS		
	To develop understanding of technical drawing as a tool for communication	
CONTENT		
	<ol style="list-style-type: none"> 1. Sciography 2. Perspective <ul style="list-style-type: none"> - 1-point - 2-point - 3-point 3. Rendering techniques 4. Architectural Drawing Development of Drafting skills for architectural drawings 	
METHODOLOGY		
	Various drawing exercises	
REFERENCES		
	Engineering drawing- N.D. Bhatt Engineering drawing and geometry- Hoelscher and Springer Rendering with Pen and ink – Robert W. Gill Perspective- Robert W. Gill	

CODE	SUBJECT	MARKS
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ID –	MATERIAL & CONSTRUCTION – 2	
FOCUS		
	To understand advance building materials and construction techniques for building and composite architecture	
CONTENT		
	<p>Openings(doors and windows) Types of lintel Arches Internal finishes</p> <p>Material : Wood (market form of wood and wood based products) Construction:</p> <ol style="list-style-type: none"> 1. Terms 2. Principles of Joinery 3. Classification of joints 4. Widening joints 5. Angle and Oblique joints 6. Fastenings 7. Tools uses <ul style="list-style-type: none"> • Wooden (floor and roof) system <p>Understanding physical and behavioral properties, method of application, different construction techniques and criteria for selection of materials and design aspects for different types of material</p>	
METHODOLOGY		
	Lectures based on theory and class given assignments, practice questions and sketching and drawings, Case Studies and practices, site visits to study material, model making etc..	
REFERENCE BOOKS		
	<p>Engineering Materials – S.C. Rangwala Building Materials – B.C.Punmaia Construction of building – Vol 2 – R.Barry Building construction metric vol 1 – W.B.Mckay Building Construction – B.C.Punamiya Buidling materials and components – CBRI Roorkee Building construction Illustrated by – Fransis D.K.Ching Building Materials –S.K. Duggal Building Construction Handbook- Roy Chudley and Roger Greeno</p>	

CODE	SUBJECT	MARKS
ID –	HISTORY OF INTERIOR DESIGN – 1	
FOCUS		
	To inform about the development of interior design in the ancient western world • To understand interior design as evolving within specific cultural contexts including aspects of politics, society, religion and climate	
CONTENT		
	<ul style="list-style-type: none"> -introduction of subject - evolution of interior design as discipline -Understanding contextual reference (social, technology etc.) - Influence of different art movements on interior design - Interior design in “Indian Context” - evolution of furniture design and study of period furniture 	
METHODOLOGY		
	theoretical explanations and group discussions Class work and assignments/presentation	
REFERENCE BOOKS		
	Interior Design Illustrated- Ching and Bingel	

CODE	SUBJECT	MARKS
ID-	DESIGN STUDIO -1 (SPACE PLANNING)	
FOCUS		
	Introduction to Design studio, Anthropometry and Space Planning	
CONTENT		
	<ul style="list-style-type: none"> - function and importance of design - Important function in relation to its form, realization of dimension and related proportion - Importance of human dimension in working out the size and volume which leads to the solution of arriving to the space of various activities. 	
METHODOLOGY		
	<p>Exercises</p> <ol style="list-style-type: none"> 1. Measure drawing of the articles used in any domestic activity and to study relative proportions 2. With the help of measured objects arrive to dimension of usable functional space in 2D 3. Study of anthropometry with dimensions for various activities of day to day life 	
REFERENCE BOOKS		