

COURSE OUTLINE

I YEAR - I SEMESTER

1AC17 BASIC DESIGN - I	CRE 5	YEAR I	SEM I	TEACHING HOUR PER WEEK : 9 HRS	EVALUATION Percentage	
					<i>Int</i> 60	<i>Exam</i> 40

EMPHASIS

**Visual perception through simple design elements - line, plane and solid and perception of spaces through design elements and organisation.*

CONTENT (Information Base)

**Design process - analysis and synthesis.*

**Visual perception of forms analyzed through line, plane and solids and their combinational character.*

**Figure x ground relationship.*

**"Gestalt" principles of visual perception.*

**Scale and human perception.*

**Minimum space and anthropometrics.*

**Anthropometrics & design issues.*

DESIGN

**Understanding design issues through order, pattern, rhythm - ISSUES composition.*

**Composition: Symmetrical/Asymmetrical*

Balanced/Unbalanced

Steady/Dynamic

**Perception of forms through movement in space.*

**Space and light/colour/texture issues.*

**Comfort criteria of environment and forms.*

**Human scale to environment.*

PROJECTS

**Abstract exercises based on Design Issues, two dimensional and three dimensional exercises, sketches, model making. Analysis of products and products containing minimum functional space.*

1AK10 TECHNICAL REPRESENTATION DRAWINGS-I	CREDIT 4	YEAR I	SEM I	TEACHING HOUR PER WEEK : 6 HRS	EVALUATION Percentage	
					<i>Int</i> 60	<i>Exam</i> 40

EMPHASIS

**Drawing skills as tools to Design thinking, visualisation and representation.*

CONTENT

**Familiarizations with drawing materials and equipment.*

**Point and line, straight and curvilinear lines, lettering.*

**Principles of plane geometry, scale, orthographic projection, of points, line, planes and solids.*

**Sections of solids, simple and complex solids. Development of surfaces of solids.*

1AT04 BASIC STRUCTURE - I	CREDIT 2	YEAR I	SEM I	TEACHING HOUR PER WEEK : 4 HRS	EVALUATION Percentage	
					Int 60	Exam 40

EMPHASIS

**Exposure to built forms through its behaviour of materials and Basic Structure Systems.*

CONTENT

**Glossary of technical words, natural structures and their intuitive behaviour, their relationship with man made structures.*

**Functions of structures. Primary and secondary forces acting on structure - gravitational force, life load, wind, temperature variation.*

**Basic elements of structure and their behaviour.*

**Characteristic requirements of structural design - strength, stiffness and stability. Discussion on factors affecting them and ways of satisfying these requirements.*

**Study of behaviour of structures through models and testing them for given load.*

1AT01 BUILDING MATERIALS AND METHODS OF CONSTRUCTION-I	CREDIT 3	YEAR I	SEM I	TEACHING HOUR PER WEEK : 4 HRS	EVALUATION Percentage	
					Int 60	Exam 40

EMPHASIS

**Exposure to Built Forms (Architecture) through building materials and construction technology.*

CONTENT

**Basic Materials of construction their physical and behavioural properties, tools and technology of its application in built forms and parameter of design aspects of using various materials in construction of different elements of construction system in relation to the properties of materials.*

**Materials: Mud, Bricks, Stones, Concrete, Steel, Wood, Bamboo.*

**Visual quality of materials in terms of finishes through colour, texture modulations and pattern evolution.*

**Case studies as illustration, visual presentation, site visits and drawings.*

1GK05 SKETCHING - I	CREDIT 3	YEAR I	SEM I	TEACHING HOUR PER WEEK : 6 HRS	EVALUATION Percentage	
					Int 60	Exam 40

EMPHASIS

**Visual perception skills, use of different media and techniques.*

CONTENT

**Observation and recording through drawing - pencil, pen, brush, charcoal, crayons. Simple geometric objects, complex geometries and objects in nature. Line drawing, shade and shading techniques.*

1GT01 COLOUR WORKSHOP	CREDIT 3	YEAR I	SEM I	TEACHING HOUR PER WEEK : 6 HRS	EVALUATION Percentage	
					Int 60	Exam 40

EMPHASIS

**Colour as an inherent part of our environment and there for important aspect of Design - A wholestic attitudes towards colour by providing strong scientific base and sensibility towards colours.*

CONTENT

- *Colour - the Science, colour uses light as a vehicle.*
- *Physics, Physiology and Psychology of colours.*
- *Colour as system and its application.*
- *Colour in nature, geographic regions and colour perception.*
- *Modifying factors to colour - namely light, surface quality, distances and scales.*
- *Manifestation of colours in various cultures.*
- *Perception of colour and form.*

1AS15 HISTORY-I (CULTURAL ANTHROPOLOGY)	CREDIT 2	YEAR I	SEM I	TEACHING HOUR PER WEEK : 4 HRS	EVALUATION Percentage	
					Int 60	Exam 40

EMPHASIS

**Awareness of social and cultural dimensions to design through the study of cultural Anthropology.*

CONTENT

- *Clear perception of our own society and culture.*
- *Scientific knowledge of what is sociology, anthropology, culture and so on.*
- *How these aspects creates design bound dimensions and play major role in Interior Design.*
- *Various elements of society - Modernization and change in society, change in thought process and behaviour patterns, role of communication media in change patterns.*
- *Behaviour patterns and its correlation to design elements.*
- *Perception of indian value system and assimilation of 'East & West'.*

1AS13 COMMUNICATION SKILLS	CREDIT 2	YEAR I	SEM I	TEACHING HOUR PER WEEK : 2 HRS	EVALUATION Percentage	
					Int 60	Exam 40

EMPHASIS

**Art of Communicating in English in professional world.*

CONTENT

- *Speech and mannerism for various occasions.*
- *Importance of speech in communicating types of informations.*
- *Use of appropriate words and clarity of messages giving.*
- *Speech and image making - speach and personality development.*

I YEAR - II SEMESTER

2AC18 BASIC DESIGN – II	CREDIT 4	YEAR I	SEM II	TEACHING HOUR PER WEEK : 9 HRS	EVALUATION Percentage	
					Int 60	Exam 40

EMPHASIS

**Realization of absurdity of Interior Design profession today - creating comfortable, functional and esthetically appealing harmonious interior environment in absurd built forms.*

CONTENT

- *Man and his basic living activity.*
- *Perception of absurdity in built forms by site surveys.*
- *Creating spaces through analysis and synthesis.*
- *Functional analysis, anthropometrics, space planning for living activity.*
- *Graphics, products and its uses to make meaningful visual perception.*
- *Materials and use of structural systems built form and its expression, light-air and views as issues.*
- *Display of spaces as coordinated system.*
- *Drawings, 3D views, model.*

2AK11 TECHNICAL REPRESENTATION OF DRAWING-II	CREDIT 4	YEAR I	SEM II	TEACHING HOUR PER WEEK : 6 HRS	EVALUATION Percentage	
					Int 60	Exam 40

EMPHASIS

**Drawing skills as tools to Design thinking, visualisation and representation.*

CONTENT

- *Intersection of solids & development of surfaces through working with models and drawings.*
- *Shades and shadows and composite forms.*
- *Measure drawings of a building and Interior Elements.*
- *Rendering techniques and presentation techniques in different media.*

2AT05 BASIC STRUCTURE – II	CREDIT 2	YEAR I	SEM II	TEACHING HOUR PER WEEK : 2 HRS	EVALUATION Percentage	
					Int 60	Exam 40

EMPHASIS

**Behaviour of materials and basic structural systems.*

CONTENT

- *Structural properties of basic materials like masonry, timber, concrete and steel.*
- *Introduction to basic structural systems such as post-beam, bearing wall system, trusses, rigid frames, and their structural behaviour. Distribution of loads through the elements of the system. Case studies.*
- *Effect of simple geometric forms on the overall structural behaviour.*
- *Working out structural systems and their layout for a small building.*
- *Working out structural systems for elements of Interior Spaces - fall ceilings etc. and furniture forms.*

2AT02 BUILDING MATERIALS & METHODS OF CONSTRUCTION – II	CREDIT 3	YEAR I	SEM II	TEACHING HOUR PER WEEK : 4 HRS	EVALUATION Percentage	
					<i>Int</i> 60	<i>Exam</i> 40

EMPHASIS

**Understanding of various system of construction and framing of openings, doors - windows frames and details. Understanding of finishes of horizontal, vertical and inclined surfaces.*

CONTENT

- *Materials and details of making openings.*
- *Doors and windows details.*
- *Construction of simple staircases and details.*
- *Finishes for Horizontal surfaces: Concrete floor, tiles, stones, marble, granite, bricks, wood etc. and combination of materials. *Finishes for vertical surfaces: Plaster, sand blasting, exposed aggregate, wood, wall covering, ceramic tiles, mud - bamboo, paints and plastics.*
- *Finishes for Roof: Concrete, tiles, wood etc.*
- *Understanding with case studies, site visits, sketches and drawings.*

2GK06 SKETCHING WITH COLOUR - II	CREDIT 3	YEAR I	SEM II	TEACHING HOUR PER WEEK : 6 HRS	EVALUATION Percentage	
					<i>Int</i> 60	<i>Exam</i> 40

EMPHASIS

**Colour as media of representation, conceptual and perceptual skills and techniques.*

CONTENT

- *Abstraction of perceived images, conceptual statements using different media.*
- *Perspectives of formal geometric solids and spaces and informal geometries, rendering techniques and use of colour.*
- *Plastic media and their expressional potential. Human figure studies in line, drawings, shade and sculptural mass.*
- *Rendering through water colour interior spaces.*
- *Material expression through colours.*

2PK05 CERAMICS WORKSHOP-(CLAY / PLASTER OF PARIS)	CREDIT 2	YEAR I	SEM II	TEACHING HOUR PER WEEK : 6 HRS	EVALUATION Percentage	
					<i>Int</i> 60	<i>Exam</i> 40

EMPHASIS

**Understanding of ceramics products by working with materials, having feel of materials and creating products by working with materials, having feel of materials and creating innovative products. Ceramics products of Interior spaces and their functional qualities.*

CONTENT

- *Introduction to ceramics through History by comparative studies of various cultures.*
- *Process and techniques of forming and decorating.*
- *Slab work, throwing, pinching and coil work and firing.*
- *Colour figments and design qualities. Making ceramic tiles and its inter-locking characteristics.*
- *Introduction to plasters as material, process of mixing and its use in reproduction.*
- *Plaster slab and carving. Use of plaster with other materials - cloth, thread, wires etc.*
- *Site visits to ceramics products factories, sample collection, documentation, display of creative work.*

2AS16 HISTORY-II (ART & CRAFT MOVEMENT)	CREDIT 2	YEAR I	SEM II	TEACHING HOUR PER WEEK : 4 HRS	EVALUATION Percentage	
					<i>Int</i> 60	<i>Exam</i> 40

EMPHASIS

**Effects of Art and Craft movement in various fields of designs, design movements, styles, various schools of thoughts and design emphasis.*

**Art and Craft movement and its relationship with technology.*

CONTENT

**An overview of the Victorian, the Art Nouveau and the modern - through philosophies of design, all compressed into little more than a country - were not only sesecutive but connected.*

**Over view of Architecture, Interior Design, Industrial Design, Graphic Design and Photography.*

**Forces of industrialisation in Europe, changes in social structure, production systems, changes in technology and its impact on life style, scientific thought and its impact on the arts and crafts.*

**The modern movement from Neo-classicism to the pioneers to the more mature of developments in the 1920s to 1940s, its impact on India.*

2PK06 WOOD WORKSHOP – I	CREDIT 2	YEAR I	SEM II	TEACHING HOUR PER WEEK : 6 HRS	EVALUATION Percentage	
					<i>Int</i> 60	<i>Exam</i> 40

EMPHASIS

**Understanding of material as building material, finishing material for horizontal, vertical and inclined surfaces and as furniture material.*

CONTENT

**Types of wood - natural and artificial and its properties.*

**Working with wood and wood products to understand material parameters.*

**Wooden joinery and its strength.*

**Wood polishes and other finishes - colour and surface quality.*

2AT10 SURFACE FINISHES	CREDIT 2	YEAR I	SEM II	TEACHING HOUR PER WEEK : 2 HRS	EVALUATION Percentage	
					<i>Int</i> 60	<i>Exam</i> 40

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 composities.*

**Surface finishes :*

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