

III YEAR - V SEMESTER

5IC10 INTERIOR DESIGN STUDIO - I	CREDIT 9	YEAR III	SEM V	TEACHING HOUR PER WEEK : 12 HRS	EVALUATION Percentage	
					Int 60	Exam 40

EMPHASIS

*Assimilation of knowledge of various streams - Architecture & Building Technology, Art and Graphics, product and furniture design - at culture, art & craft level and exploration of Summer work experience into resolving design solution.

CONTENT

Information base. *Art and Craft forms of our own culture in India - East, West, North, South, Central and so on. Over all IMPRESSION of experience expressed through collage - seminar, exhibition and discussions.
 *An exercise in space making with emphasis on perception, imagination and synthesis of art/artifacts-crafts/architecture.
 *Design of 'Living Unit' of various geographical locations and culture ± 100 years before there by involving historical periods, styles and use of craft in its inherent quality and original form - craft and living environment. (Mogal, colonial, chauhan - (Gujarat), Rajasthan, southern - Chaula as historical cultural base).
 *Respond to today's situation of 'Urban Society. For a given building create contemporary homes of modern society - needs, realities, value system with under current of Craft and its future in mind.
 *Application of Art/Craft at public level spaces - (Lounge Hotel), and restaurant of specific ethnic characteristics.

5PC17 FURNITURE DESIGN - III	CREDIT 3	YEAR III	SEM V	TEACHING HOUR PER WEEK : 6 HRS	EVALUATION Percentage	
					Int 60	Exam 40

EMPHASIS

*System design approach and space planning through furniture as elements of design.

CONTENT

*Modular in furniture design, its relationship to human ergonomics, survey of various modular system available for different functions in market.
 *Modular system of storage elements - closets, kitchen cabinets, displays etc.
 *Modular approach in setting elements styles and types of units available in market.
 *Modular approach and multiple use of furniture forms.
 *Exploration of wood, metal, glass, plastics and F.R.P. as materials for system design.
 *Harmony through module, through materials, through details - evolving coordinated system for entire space. Drawings, details, working prototype model.
 *Cost criteria of design, furniture for lower income sectors of society.
 *Assignment in typology of furniture.
 1.Gujarat - lacquered furniture, 2.Barmer - Rajasthan - carved furniture, 3.Sahrapur - Flet saw carving and inlay in wood, 4.Jammu & Kashmir - Walnut furniture and paper mech. furniture, 5.South India - Karnataka & Tamilnadu carved furniture in rosewood and sandal wood, 6.Kerala - Cane furniture, 7.West Bengal, Assam & Eastern States - Cane furniture, Bamboo furniture, Grass woven furniture.

5AT06 BASIC STRUCTURE - III	CREDIT 2	YEAR III	SEM V	TEACHING HOUR PER WEEK : 2 HRS	EVALUATION Percentage	
					Int 60	Exam 60

EMPHASIS

**System design approach to design.*

CONTENT

**Light weight space structure, small & large scale surface structure, integrated display system and structural elements.*

**Structural system of Urban Interior spaces - malls, fair grounds, exhibition spaces.*

5AS19 HISTORY - V (INDIAN HISTORY)	CREDIT 2	YEAR III	SEM V	TEACHING HOUR PER WEEK : 2 HRS	EVALUATION Percentage	
					Int 60	Exam 40

EMPHASIS

**Various movement in design, bauhouse as major modern movement.*

**Designers and their work to change Interior Architecture and interior elements of design.*

CONTENT

**Study of Indian spaces from vernacular to classical and understand the different periods and its specific developments with regards to space definitions.*

**Design attitudes - post industrial attitudes to design, universal international machine age expressions, development of regional attitudes.*

**Distinctions between cultural as against individual designer attitudes and expression.*

**Shifts from historical methods to modern methods of building spaces, its analysis - spatial, formal and their relation to purpose.*

5AT09 INTERIOR SERVICES - III (CLIMATE / COMFORT & AC)	CREDIT 2	YEAR III	SEM V	TEACHING HOUR PER WEEK : 2 HRS	EVALUATION Percentage	
					Int 60	Exam 40

EMPHASIS

**Importance of Human comforts in interior spaces through natural elements - (climate) Built Form and Environmental Climatology.*

CONTENT

**Built environment, conditions, impact and issues of climatic balance in traditional and contemporary built environments. Examples from different regions in India and other parts of the world, issues of ecological balance. Implications of climatic forces in nature of spaces and forms, patterns of organization, and elements of built form at individual building.*

**Building climatology - Building climatological site analysis, application of comfort diagrams, introduction to basic thermal units, theory of heat flow, heat transmission, thermal properties of materials, human heat balance. Physiological comfort, outdoors and indoors and indoors, heat flow within buildings, steady state conditions and periodic flow, thermal performance of building elements, sun protection of buildings. Heat control, solar orientation, shading devices, radiation, outdoor-indoor ventilation, solar, energy and its technical applications. Climate and material choices, colour and texture choices for Interior Spaces.*

5PK10 COLOUR & LIGHT INTERACTION (DIGITAL TECHNOLOGY-III)	CREDIT 2	YEAR III	SEM V	TEACHING HOUR PER WEEK : 6 HRS	EVALUATION Percentage	
					Int 60	Exam 40

EMPHASIS

**An extension of Computer Graphics, this course introduces students to the world of color and light in computer generated drawing technology. Students convert orthographic views of built forms into spaces that are alive in colour, texture, materials, finishes, and a general ambience.*

Softwares: AutoCAD-2000, 3D-studio, 3D-studio(Max), Photoshop etc.

References: 3D- Studio Manual, Inside 3D-Studio, Mastering Color & Light, 3D-Studio - A tool.

5PK10 PRINTING & TEXTILE WORKSHOP	CREDIT 3	YEAR III	SEM V	TEACHING HOUR PER WEEK : 6 HRS	EVALUATION Percentage	
					Int 60	Exam 40

EMPHASIS

**Scientific base of printing and its relationship with types of fabrics. Visual perception of printing principles and their applications in developing soft interior elements.*

CONTENT

**Development of textile design in different culture from primitive art to contemporary designs.*

**Criteria of design - the elements and principles of textile design. Analysis of a motif, developing repeat as a basic unit of design in textile printing.*

**Block Printing - developing block, understanding material used, colours type and their mixing process, various colour printing.*

**Screen printing - design evolution for wall hanging, preparing screen and understanding the technique, printing on paper and printing on fabric.*

5EL02 REVITALISATION OF ARTS & CRAFTS (ELECTIVE COURSE)	CREDIT 2	YEAR III	SEM V	TEACHING HOUR PER WEEK : 3 HRS	EVALUATION Percentage	
					Int 60	Exam 40

EMPHASIS

Role of Revitalization of Art/Craft forms in Interior Spaces.

**Understanding of Art/Craft forms as design elements and its relevant application in the modern society. Innovative way of using art/craft into modern interiors using modern technology - modernization of old craft technology for better forms for interior use.*

CONTENT

**Private & Public craft activity around the nation - various crafts and its perception in the society - design issues in transforming old craft forms into modern context by keeping its original spirits.*

SKILLS

Living with craft, knowledge of materials - process - technology and products of all craft forms - production of craft forms and technology.

5EL03 ELECTIVE COURSE (E)	CREDIT 2	YEAR III	SEM V	TEACHING HOUR PER WEEK : 3 HRS	EVALUATION Percentage
					100 % - Term Work

General Electives are exposure and value addition courses which are selected out of wider choices of subjects and offered in combination uniquely designed each semester based on the topical value, resources, personals availabilities and other choices them.

III YEAR - VI SEMESTER

6IC20 INTERIOR DESIGN STUDIO - II	CREDIT 10	YEAR III	SEM VI	TEACHING HOUR PER WEEK : 12 HRS	EVALUATION Percentage	
					Int 60	Exam 40

EMPHASIS

*Absurdity of Built Form design for commercial activities in Semi Urban & Urban areas.

*Creation of meaningful Interior Environment to suit the functions.

CONTENT

*Over view of various 'Commercial Activity Pockets' and developing needs of various economic groups of the society.

*Developing programme for types of shopping required - grouping selling goods & products and programming for each selling unit and developing display system.

*Integration of asserted commercial activities - that is - cafe, restaurant, bank and products.

*Specialised product display system - show case windows at street levels, product communication at street level, signage and advertisement for masses of people.

6IK12 TRD - WORKING DRAWING - III	CREDIT 6	YEAR III	SEM VI	TEACHING HOUR PER WEEK : 9 HRS	EVALUATION Percentage	
					Int 60	Exam 40

EMPHASIS

*Technical presentation of design at built form level, finishing level, product and furniture level.

CONTENT

*Working drawings of the project previously designed by the students.

1. Architectural Drawings.

2. Finishing details.

3. Layouts of various products and their details.

4. Material, colour and texture details.

5. Building services details and fixture layouts for various areas.

6IT03 INTERIOR DESIGN PRACTICE & OFFICE MANAGEMENT-I & II	CREDIT 2	YEAR III	SEM VI	TEACHING HOUR PER WEEK : 4 HRS	EVALUATION Percentage	
					Int 60	Exam 40

1) INTERIOR DESIGN PRACTICE & OFFICE MANAGEMENT - I

EMPHASIS

*Introduction to professionalism, design practice, working of a design organisation.

CONTENT

*Issues of Professional Practice courses, such as: Professional behaviour, Ethics, Types of Clients, Contracts, Tenders, Arbitration, are redefined in terms of Interior Design field and current day context. The role of Interior Designer as a professional, and the career opportunities are discussed. A variety of new topics: Different styles of Interior Design practice, Nature of relationship between a Client and the Professional, Types of fees, Process of fees negotiations, Billing methods and tax liabilities, are included. As a precursor to actual estimating students are introduced to the different types of monetary and other estimates, liabilities caused by estimate schedules or reports and difference between cost and value of a thing. To inculcate a professional attitude in their work project profile reports and relevance of various types of documents in a design practice is shown. Documentation of projects to deduct information and need for Archiving are also incorporated.

2) **INTERIOR DESIGN PRACTICE & OFFICE MANAGEMENT - II**
EMPHASIS

**Working of a design practice, for estimating, costing, specification writing.*

CONTENT

**Awareness about ISO, SI measurements system SI nomenclature methods. Dimensional and modular co-ordination, drawing and drafting practices, modules and modes of measurement practiced by various agencies. Specification types, specification contents, where, for whom. Standards developed by trade and industry, government and international agencies. Role of WTO, UNCTAD, ILO, etc. Estimating interior items, manually and through spreadsheet programmes. Costing and budget scheduling, specification writing proforma order writing.*

6IS23 INTERIOR LANDSCAPE	CREDIT 2	YEAR III	SEM VI	TEACHING HOUR PER WEEK : 2 HRS	EVALUATION Percentage	
					Int 60	Exam 40

EMPHASIS

**Transportation of interior spaces through natural elements of design - Interior landscaping.*

CONTENT

**Types of Natural Elements - stones, rocks, pebbles, water forms, plants and vegetation.
 *Landscaping design parameters for various types of built forms - Indoor x Outdoor linkage to spaces.
 *Landscape of courtyards - Residential form and commercial forms.
 *Indoor plants and their visual characteristics - colour, texture, foliage. Science of growing and maintaining greenery.
 Product survey of market availability and cost criteria.

6AT12 BLDG MATERIALS & METHODS OF CONSTRUCTION-V (Matrl Specifn & Costg)	CREDIT 2	YEAR III	SEM VI	TEACHING HOUR PER WEEK : 6 HRS	EVALUATION Percentage	
					Int 60	Exam 40

EMPHASIS

**Understanding complex and composite interior elements and their design management and specifications.*

CONTENT

**Study on site executed complex interior objects and systems in terms of design origination, site execution sequences and methodology.
 Material - commercial - technical names, sizes, wastages, BIS and codes for materials, testing fabrication, commercial methods of pricing, billing etc.

6IS15 SPACE PERCEPTION	CREDIT 2	YEAR III	SEM VI	TEACHING HOUR PER WEEK : 4 HRS	EVALUATION Percentage	
					<i>Int</i> 60	<i>Exam</i> 40

EMPHASIS *Relationship of Man & Space.*

CONTENT *Perception of space through understanding associative aspects of relating to space.
Understand cognitive theories and gestalt principles of psychology. These principles are to be related in the field of space making to develop an understanding of place making. Relationship of spatial elements like floor, column, wall, window, door, stair, roof, light, colour to the psychology and perception of space.*

Kinesthetics - Understanding perception while in movement and space organisation around such a phenomena.

6EL04 ELECTIVE COURSE	CREDIT 2	YEAR III	SEM VI	TEACHING HOUR PER WEEK : 3 HRS	EVALUATION Percentage	
					100 % - Term Work	

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6EL04 ELECTIVE COURSE	CREDIT 2	YEAR III	SEM VI	TEACHING HOUR PER WEEK : 3 HRS	EVALUATION Percentage	
					100 % - Term Work	

General Electives are exposure and value addition courses which are selected out of wider choices of subjects and offered in combination uniquely designed each semester based on the topical value, resources, personals availabilities and other choices them.