

SARDAR PATEL UNIVERSITY
VALLABH VIDYANAGAR

ACADEMIC REGULATION

For Course Bachelor in Interior design:

1.0 ADMISSIONS:

1.1 Minimum qualification for Admission to Four Year Bachelor of Interior Design (BID).
12th Standard Pass (Any Stream) with minimum Aggregate Marks 40% of the Higher Secondary School Board or its Equivalent-with English as one of the subjects at SSC Xth level.

1.2 ELIGIBILITY

WEIGHTAGE: 100 % 12th Standard (Aggregate)

1.3 **Admission** to Bachelor of Interior Design Program shall be based on Higher Secondary Education Board. NRI /NRI Sponsored and other Categories candidates, through Eligibility procedure of the University.

1.4 Higher level Admission, on availability of vacancies will be offered at respective Institute as under.

- a) Students with Diploma in Architectural Assistantship form a recognized Institute /University may be considered for admission at appropriate level depending upon the credits earned by him/her.
- b) Candidates seeking Higher Level Admission shall have to appear for Interviews & any other test prescribed by concerned Institute along with their Transcripts & Portfolio of work done at the Institute he/she is coming from.

2.0 ACADEMIC SCHEDULE:

- Each academic Year consist of two semester.
- Every Semester except the first Semester of the 4 Year BID Programme shall include a minimum of 90 teaching days.

3.0 REGISTRATION:

3.1 All students must register for all Courses in Semester 1 to cover 25 Credits. For all subsequent semesters, students must register for all courses offered in the Semester for which the student is eligible (Refer Teaching Scheme).

3.2 A students is not permitted to continue after a break of more than 4 Semester consecutively for purposes of work experience, travel or alternative studies, or for any other valid reason. A continuous break in studies beyond 4 semesters will mean that the students status is forfeited and the students is required to apply for readmission.

3.3 A students may be denied Registration if he/she has been debarred or suspended from studies due to disciplinary action taken by the respective Institute or any other recognized Institute.

4.0 STAGE CLEARANCE:

4.1 A Student at any time, can Carry a Maximum of 12 credit backlog only except at Stage Clearance (see below). Students having more than 12 credits backlog shall not be permitted to register for any subsequent Semester till they have reduced the total backlog to less than 12 credits.

4.2 In order to quality for Registration to the Thesis Semester, in Bachelor of Interior Design Course, the student should have cleared 173 out of the 175 credits.

4.3 Students in order to be eligible for the award of the Bachelor's Degree should have cleared fully, all the credits (Core + Elective) and all non –credit programmes of the respective Institute.

- 4.4 A student admitted at higher levels, through higher-level admission, coming from other University or recognized colleges shall be exempted from course cleared successfully at the University or College he/she is coming from up to the level at which the student is admitted subject to eligibility by the University and course grant of exemption as decided by the equivalence Committee of the respective Institute.

The details of stage Clearance are summarized as under: **Bachelor in Interior Design (BID).**

| SEMESTER(FROM) | PERMISSIBLE CREDIT BACKLOG | SEMESTER (TO) |
|----------------|----------------------------|---------------|
| I | 16 | II |
| II | First Stage Clearance | III |
| | 12 | |
| III | 16 | IV |
| IV | 16 | V |
| V | Second Stage Clearance | VI |
| | 08 | |
| VI | 08 | VII |
| VII | Third Stage Clearance | VIII |
| | 02 | |

5.0

ATTENDANCE:

- 5.1 A student is expected to attend Studios, Workshop and Lecturers regularly at all scheduled times. Minimum attendance requirement is 80% of the total classes held in a course. A student not having the required minimum attendance and a minimum 50% internal assessment in any course shall be declared Non Eligible (NE) and to take the university Examination in that particular course. The decision of the subject teacher of the concerned Institute shall be treated as final in this matter.
- 5.2 In the event of serious illness, a student may be permitted to have a minimum attendance of 60 % of the total classes held in a course in consultation with the Principal/Director of the respective Institute.
- 5.3 Continuous absence without a valid reason for more than 8 weeks shall be deemed as discontinuation of that semester. If a student wishes to continue in the Institute he/she may seek fresh Registration in the same semester in the next academic year.

6.0

EVALUATION & EXAMINATION:

6.1 All courses shall be evaluated by regular assessment of the team work and –term Written Examination/ Jury or Viva .The Following Pattern Shall be followed for Studio, Theory and Workshop/Seminar courses respectively.

STUDIO:

60% - Periodic Assessment of team work by concerned faculty (including Time problems during the semester).

40% - End-term Crit/Viva Evaluated by panel of jury appointed by University at Respective Institute.

THEORY

60% -Continuing Assessment in the form of quizzes , papers assignment and / or mid-term examination by concerned faculty.

40% - End-term written examination necessarily set and evaluated by the University.

WORKSHOP / SEMINAR:

100% Internal Marking

70% continuing Evaluation of Term Work/Assignment/Session presentation, etc. by concerned faculty.

30% End- term submission / report or viva or both by a team of examiners comprising of Faculty and an External Examiner.

6.1 SUPPLEMENTARY EXAMINATIONS:

- A supplementary Examination may be taken by a student only one subject in a Semester.
- A maximum no. of Supplementary Examination in the entire course of study is Two.
- Supplementary Examination may be opted in studio & Theory subjects.
- Maximum marks obtained in a Supplementary Examination cannot be more than 50% at any time (final Internal Marking OR External University Examination).
- A student may opt for Supplementary Examination as extension to Internal Marking (at stage of declaration of Eligibility for University Examination). This Choice has to be clearly submitted to the Principal / Head of the concerned Institute in a written format.
- A student may be also opt. for Supplementary Examination after the result are declared (maximum one subject) within a week of his/ her choice for this option in written format to Principal / Head of the concerned Institute.

6.2 GRACING

A gracing of not more than 2 marks shall be permissible at the External University Examination Gracing or Grace Marks is the prerogative of the Examiner and cannot be cleared as a matter of right. Examiners may /may not grace but and shall apply the same to all the students alike.

6.3 CLASS:

- The minimum level for passing a course and obtaining credits 50% subject wise. The rules for condonation, promotion & passing will be as per University norms.
- Final Class is awarded on the aggregate of marks obtained in Semester VII and Semester VIII.
- For Award of Class in the Final Year (Semester – VII and VIII) ,The following Standards shall be applicable.

| | |
|-----------------|---------------|
| 1. Distinction | 66% and above |
| 2. First Class | 60% and above |
| 3. Second Class | 50% and above |

6.4 Exemption for head of Passing 50% and above is applicable to students for repeat year/semester.

6.5 The students may apply for rechecking/reassessment in theory Examinations as per rules of the University if the result of any course is felt to be unfair or erroneous.

7.0

REPEAT REGISTRATION:

- 7.1 It is a student's responsibility to seek information / advice regarding a repeat Examination.
- 7.2 Students who have failed in any subject in either Term work of examination or both shall appear for the examination as and when conducted by the University. The term work for that course must be done again before the Repeated Examination under the guidance by concerned faculty / Examiner.

8.0

REPEAT REGISTRATION:

- 8.1 A student who fails to clear term work and or internal assessment of a course as per clause 5.0 and 6.0 shall have to register for the course and repeat if fully in a subsequent semester. In such cases, none of the marks/ credits earned earlier shall be carried over for the course
- 8.2 A student must make a written application for re-registration to a particular course/s. If there are more than ten students repeating a particular course, the Institute may at its discretion make arrangement for the students to attend classes.
- 8.3 A students coming form other University / Institute / College who has to obtain the remaining credits as per 3.4 may be offered such courses in the institution at the discretion of the Principal/Director of the respective Institute.

9.0

OFFICE TRAINING (SEMESTER-VI):

- 9.1 A student undertaking Office Training must satisfy conditions of training and submit the necessary report for evaluation as specified in the curriculum of the respective Institute. Every student who has completed the Office Training.
- 9.2 Successfully as per the guidelines is eligible to earn full credits of that Semester.

10.0

THESIS:(SEMESTER –VIII)

- 10.1 A students must register for Thesis semester with 3 copies of the proposal on A4 size papers with topic, name, and ID No., the name of the Guide and his /her acceptance letter at the respective Institute.

11.0

ADDITIONAL PROGRAMME:

Site Visits Documentations Projects, Measured drawing, Related Study programme like educational tours, communication skill –spoken English-written English etc., may be offered by the respective college/institute as and when found appropriate.

12.0

AWARD OF DEGREE:

A students would be awarded the Bachelor’s Degree in Interior Design by the Sardar Patel University on the recommendation of the Senate of the University.

SARDAR PATEL UNIVERSITY
FOUR YEAR (EIGHT SEMESTER) PROGRAMME IN INTERIOR DESIGN LEADING TO
BACHELORS IN INTERIOR DESIGN

COURSE OUTLINE

FIRST YEAR - SEMESTER - I

IC 101 DESIGN STUDIO – I :

EMPHASIS:

- Initiating knowledge of Anthropometrics - the basic Design Tool.
- Thrust is on Anthro-intensive studies from a very simplistic level to a complex one.
- Special emphasis on presentation.-graphical-two dimensional and three-dimensional through models

CONTENTS:

- Human being and his basic living activities.
- Understanding small single spaces with single and multiple uses - its graphical representation.
- Understanding of activity/space relationship, programme and spatial organization, understanding of functionalities circulation, movement, transition, hierarchy of spaces etc.
- Creating spaces through analysis and synthesis.
- Functional analysis, anthropometrics, space planning for living activity.

DESIGN ISSUES:

- Efficiency in terms of movement, usability of space.
- Qualitative aspects of space.

SKILLS:

- Sketching, simple presentation
- Simple analytical drawings
- 3D Views, Scaled Models
- Use of various mediums for presentation
- Verbal skills to communicate.

EXERCISES:

- Simple anthro-related exercises like milk booth, tea stall, pan-galla, snacks counter, at a public space.
- Multiple use complexes small space involving activities like seating, sleeping, cooking, eating, working etc. - Single Room Designing.

IC 102 BASIC DESIGN – I :

EMPHASIS:

- Principles of designs.
- Visual perception and expression through simple elements of design – lines, planes, solids etc.
- Visual organization and perception of spaces through elements.
- Developing Freehand Drawing Skills using Different Techniques, tools, and media, to enhance observation and visual perception
- Introduction to various theories of perception

CONTENTS:

- Understanding Principles of designs.
- Understanding of elements of visual perception - line, form, space, colour, texture, pattern etc. signification of principals of design in visual organizations.
- Relationship among forms, Form/Space relationship,
- Analysis of visual impression of forms through line, plane and solids, and their integration, evolution of forms.
- Visualization of ideas- Understanding design issues through order, pattern, hythm –
- Composition: Symmetrical/Asymmetrical/Balanced/Unbalanced ;Steady/Dynamic
- Perception of forms through movement in space.
- Scale and human perception.
- Observation & recording through drawing – Pencil, pen, brush, Charcoal crayons
- Simple geometric objects complex geometrics & objects in nature line drawing shade & shading techniques..

EXERCISE:

- Based on two dimensional and three dimensional exercises in relation to forms, texture, pattern etc. sketches, model making, and design of small functional spaces.

IC 103 TECHNICAL REPRESENTATION DRAWINGS – I:

EMPHASIS:

- Developing Drawing skills as tools for Design thinking and expression.

CONTENTS:

- Familiarizations with drawings materials and equipments
- Point and line, straight and curvilinear lines, lettering
- Line Intensity, sharpness and gradation for presentation
- Introduction to Drawing terms
- Principles of plane geometry, scale, orthographic projection - of points, lines, planes and solids Sections of solids, simple and complex solids.
- Sections of solids – simple & complex.
- Development of surfaces of solids
- Presentation through isometric and axonometric Drawings using model bases
- Basic One-Point Perspective

IC 104 MATERIALS & CONSTRUCTION –I :

EMPHASIS:

- Overview of Building Industry
- Role of Designer in the scheme of overall building industry
- Exposure to various materials used in construction for different elements of building.
- To make students aware of the various elements and impart a basic knowledge and functioning of the various parts.
- Site Visits / sketches / write up of technical reports are considered essential at this stage
- Collect information regarding manufacturing qualities, varieties and uses.

CONTENTS:

- Introduction to materials - their physical and behavioral properties, methods and tools of application, criteria for selection of materials based on design etc.
- Materials: Mud, Bricks, Stone, Timber, Concrete, Steel, Bamboo.
- Visual quality of materials in terms of texture, colour, pattern etc.
- Rational choice for material selection - parameters of design aspects of using various materials in construction of different elements of construction system in relation to the properties of materials.
- Elements of Building (Cross section of a building - sub structure / super structure)
- Basic Terminology ; Basic elements of structure and their behaviour.

EMPHASIS:

- Study of Man and his culture to form derivation in the contemporary World
- To study the formalization of a `CIVILIZED' state through a long collective human experience
- Extensive use of Audio-Visual aids will facilitate this understanding in an easy manner

CONTENTS:

- Study the Ancient World through its History, Art, Religion, Culture, anthropology ,Philosophy, etc. to earmark cultural Landmarks responsible for shaping our surroundings.
- Study of Medieval and Modern times to understand the Cultural Development through the ages.

EMPHASIS:

- Understanding colour as an integral part of creation; analyzing the intrinsic nature of colour as an important element of design.
- Giving strong scientific base and generating sensitivity towards colors.

CONTENTS:

- Colour study - physics, physiology, psychology & its application.
- Properties/Dimensions of colour.
- Colour Systems - Prang system. Munsell System.
- Colour in vision; colour and emotions.
- Relation between colour & light
- Colour in Nature, Geographical regions etc.,
- Use of colors in various cultures.
- Colour representation of a situation, representation in flat tones, achromatic, monochromatic representation of the same.

FIRST YEAR - SEMESTER - II

IC 201 DESIGN STUDIO – II :

EMPHASIS:

- Articulation and space - planning for Residential spaces.
- Understanding basic residential requirements through design of spaces within a given context.
- Space making in an existing context allowing some freedom within the given architectural frame to achieve a harmonious whole of various activities.
- Basic Awareness of services in a residential space and also structural understanding.

DESIGN ISSUES:

- Understanding social context and evolving a programme of requirements.
- Understanding tangible in terms of space requirements and activities.
- Spatial organization
- Services, Movement, Form, Function and furniture.
- Qualities of interior - texture, colour, light, scale and proportion.

SKILLS:

- Design Process - study of delineated area or context, its analysis and interrelationships.
- Volumetric Studies - Models, 3D Views, perspectives.

EXERCISES:

- Dwelling spaces ranging from 'POL' House/Wadas/Havelis in old city to present day houses in urban areas such as bungalows, tenements, apartments, penthouses etc.

IC 202 BASIC DESIGN – II :

EMPHASIS:

- Colour media of representation, conceptual and perceptual skills and techniques.

CONTENTS:

- 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.

IC 203 TECHNICAL REPRESENTATION DRAWINGS – II:

EMPHASIS:

- Developing an evolved Drawing Vocabulary as a medium of expression of Design.
- Techniques of Rendering and presentation in Different media
- Learning basic computer applications
- Learning 2 Dimensional drawings on Computers

CONTENTS:

- Interpenetration of Solids and development of solid surfaces with models and drawings.
- Sciography of simple planes, solids and building elements.
- Rendering techniques and presentation techniques in different media.
- Measure drawings of a building and its interior elements.
- Commands for 2 Dimensional drawings using graphical softwares-basic plans, elevations and sections

IC 204 MATERIALS & CONSTRUCTION –II :

EMPHASIS:

- Understanding each material with its structural and finishing properties
- Understanding various system of construction and framing of openings with stress on doors and windows, their frames and related details.
- Understanding with case studies, site visits, sketches and drawings.

CONTENTS:

- Metal - Ferrous and Non - Ferrous - Iron, Steel, and Market form of Steel, Aluminum, Copper, and Lead etc. - their Uses in Building Industries.
- Paints and Varnishes - Paints, Varnishes, Distempers, White-washing, colour washing etc. - types and processes.
- Timber - Veneers, Plywood's, Fiberboards etc.
- Light weight concrete - types, aggregates, manufacturing relative processes etc.
- Materials and details of making openings: Doors and windows details; External / Internal walls - Arches
- Staircases and its elements: Construction of simple staircases and details. Balconies - related elements
- Damp proofing courses at various levels flooring
- Finishes for Horizontal surfaces: Concrete floor, tiles, stones, marble, granite, bricks, wood etc. and combination of materials.
- Finishes for vertical surfaces: Plaster, sandblasting, exposed aggregate, wood, wall covering, ceramic tiles, mud-bamboo, paints and plastics.
- Understanding roof and roof finishes: Concrete, tiles, wood etc.
- Functionsofstructures.Primaryandsecondaryforcesactingonstructure gravitationalforce,lifeload,wind, temperature variation
- Understanding of structural behavior in building & interior masonry walls, bonds, basic spanning elements (R.C.C. & Steel)
- Understanding of basic structural members; Characteristic requirements of structural design strength, stiffness and stability. Discussion on factors affecting them and ways of satisfying these requirements

IC 205 HUMANITIES –II:

EMPHASIS:

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

CONTENTS:

- Chronology of various periods of Art & Crafts; Arts and crafts and its relation to culture
- Brief introduction to history of civilization and culture, living styles - Indus Valley Civilization till Modern times.
- History of Painting Styles, important periods in world art, different schools of painting in India and World over.
- Cubism and Abstraction- its influence on art forms. Overview of the Victorian Era, Art Noveau movement
- Industrial Revolution and its influence on social structure, consequent changes on life styles.
- Bauhaus - intention, its influence on education and society.
- Study of Indian Art forms and handicrafts - inlay, meenakari, madhubani, kalamkari, bidri etc
- Tribal Art and handicrafts, Contemporary Indian Design and motif.

IC 206 WORKSHOPS – II:(WOOD WORK & WOODEN JOINERY)

EMPHASIS:

- Understanding timber as a building material as a structural and finishing material.

CONTENTS:

- Types of wood - natural and artificial/commercial and its properties limitations.
- Wooden Joinery - types and uses.
- Selection of various types of wood for different purposes
- Planing, Sawing, and Surfacing.
- Wood finishes - colour and surface quality. And its corresponding processes.

SECOND YEAR - SEMESTER - III

IC 301 DESIGN STUDIO – III :

EMPHASIS:

- Understanding of Commercial requirements in terms of scale, nature and importance with an insight customer psychology – their expectations and aspirations, ambience
- Beginning of an attempt at basic conceptualization in terms of general layout, related services, overall theme.
- Small commercial spaces like fast food corners, saloons, shops etc.

CONTENT:

- Design efficiency in terms of movement pattern, relationship between display, storage and sales; exploring customer-owner behavioral pattern, efficiency in function in function and activities.
- Material exploration, colour, texture of finishing and furnishing materials.
- Basic understanding of construction techniques and sequence.

SKILLS:

- Presentation skills with special emphasis on methods of display and its analysis, design of display and furniture units, its materials and colour and finishing items.
- Understanding of construction techniques.

IC 302 BASIC DESIGN – III:

EMPHASIS:

- Form is manmade environment
- Exercising abstract concepts & ideas in design

CONTENT:

- Analysis of principles & composition used in a manmade environment using abstraction in 2 D & 3 D dimensions
- The design process & role of abstract concepts & ideas as an ordering mechanism.
- Symbolism & communication, identity, character & image ability.
- Exploring environmental qualities like sound & light

METHOD:

- To explore and analyze above aspects selected architectural projects may be used for studio exercise.
- Abstract design work to help expression of personal concepts or ideas ;must also be a part of studio & workshop assignments.

IC 303 CAD :

EMPHASIS:

- Learning to be familiar with various units of a Computer System assembly.

CONTENTS:

- Fundamentals of Computers.Terms used, Operating Systems - DOS and WINDOWS.
- Terminology of Windows, creating icons, shortcut key. File Manager in windows.
- Introduction to M.S. Office Software as a tool for word-processing, spreadsheet, charts (line, bar, and pie charts)
- Presentation by Power Point.
- Advanced Computer Aided Design

EMPHASIS:

- Creating awareness of modern materials accessories in views of Interior Design particularly in Kitchen Design

CONTENTS:

- Plastics, Glass, Modern materials
- Kitchen Layout, accessories, services
- Work Triangle
- Details of Storage Cabinets
- Understanding Roofs & its options-Functional Requirements; Flat roof structures - flat roof materials / finishes; Pitched Roofs
- Functional requirements of Ground Floors & Upper Floors

EMPHASIS :

- Introduction to Behavioural Science
- Developing an awareness about how social dimensions play an important role in interior design.
- Developing an awareness towards the psychological responses created due to particular type of environment.
- Understanding society and its elements, Culture & its understanding.

CONTENTS :

- Essential elements of Society - Bio-socio-cultural societies, Characteristics of human society.
- Social Norms, their origin and classification, Status and role, ascribed and achieved statuses,
- Primary groups and Secondary groups, Family and its problems.
- Characteristics of Urban Social life, Process of Urbanization in India, Urbanization and industrialization.
- Social problems of urban life.
- Definition and scope of environmental psychology, unit of built environment-factors affecting it.
- Colour and human behaviour, size and shape of room, ambient environment.
- Personal space and territoriality, Furnishing and Furniture.
- Single Family Housing and Multiple Family Housing.
- Institutions - Hospitals.
- Commercial Environment, Offices - behaviour in work places.

EMPHASIS:

- Understanding Ceramic products by actually working and experiencing with the materials.
- Developing an awareness of various finishes used on ceramic products

CONTENT:

- Introduction to Ceramics through History
- Process and techniques of working with the materials
- Slab work, throwing, Pinching and coil work and firing
- Colour pigments and their use and effects
- Introduction to plasters as material, process of mixing and its use in reproduction
- Plaster slab and carving
- Use of plaster with other materials like cloth, thread, wires etc.

SECOND YEAR - SEMESTER – IV

IC 401 DESIGN STUDIO – IV:

EMPHASIS:

- Creating a character for a corporate commercial corporate set up through meaningful interior Environment
- Understanding to see interior designing as a comprehensive total process incorporating a systematic design approach and conscious image building

DESIGN ISSUES:

- Understanding the nature of a corporate establishment and administrative
- Setups for public as well as private sectors through economic-commercial, social,
- Psychological factors, behavior patterns and space utilization

SKILLS:

- Presentation through detailed drawings, models, visual models
- Techniques of building services systems

EXERCISES:

- Corporate establishments such as an Government or private sector, or Institutional base projects or Service oriented projects

IC 402 FURNITURE DESIGN – I :

EMPHASIS:

- Understanding Ergonomics as scientific base to develop comfort criteria for human activity specifically in furniture design.

CONTENT:

- Ergonomics-its basic theory and relationship with human comfort criteria
- Furniture Design awareness ergonomics principle in furniture design
- Analysis of elements of furniture design in residential interior
- Designing furniture including storage unit, sitting elements etc

IC 403 SERVICES -I

EMPHASIS:

- Understanding Services as an internal part of a good interior design proposal - Water supply & Water disposal, lighting & electrification

CONTENTS:

- Water Supply : Sources, elements of the Systems, layout and design of system, connections with Municipal supply.
- Waste Disposal: Sullage and sewage various systems of waste removal and disposal, fitting & elements of the system, layout design. Bathroom Fixtures, accessories, fittings - Resource File.
- Connection to out-door drainage system, size requirements, types of pipe available in market
- Principles of drainage, drainage lines, Materials and accessories.
- Understanding electrification, constituent electrical loads, switches, gears and devices

IC 404 CONSTRUCTION – IV:

EMPHASIS:

The focus understands staircase, mezzanine, creating partitions in large flexible areas like lounges and its related elements

CONTENT:

- Mezzanine Floors (wooden / steel / RCC)
 - Materials
 - Leather
 - Wooden
 - Ceramic Tiles
 - Carpeting firing
- Staircase in detail (wooden / steel)
 - Functional requirements
 - Timber stairs
 - Concrete stair
 - Metal stairs
- Latest trends in finishes of staircases & fixing details
- Partitions in large open spaces

IC 405 HISTORY OF INTERIOR DESIGN :

EMPHASIS:

- History of Modern movement in Design and Architecture.
- Evaluation of Interiors..

CONTENTS:

- Developments of Modern movements –various fields of design affecting Interior ambiance directly –International modernism, regionalism and concerns with vernacular etc. cultural identity and its expression.
- Comparative study of interiors all over the world with time frame.
- Major Interior Designers and their work.
- Theory & criticism based on the total knowledge of History.

IC 406 WORKSHOP - IV (METAL):

EMPHASIS:

- To get feel of various metals, to explore metal by working with it
- Comparative analysis of various metals and their design parameters

CONTENT:

- Types of metals and their properties
- Various methods of working with different metals, fixing and joinery details
- Various finish for different metals
- Forms of interior elements used in interiors

THIRD YEAR - SEMESTER – V

IC 501 DESIGN STUDIO – V: (WORKING DRAWINGS)

EMPHASIS:

- Total understanding of project execution on site, including building services through a combined studio and construction programme.
- Learning to make highly involved technical drawings with specifications.
- Thorough understanding of building services with reference to location, safety etc.
- Detailed constructional - working drawings for implementation of a project

DESIGN ISSUES:

- Construction drawing system & methods-civil works, all services, furniture, built-in furniture, partitions, paneling, wall finishes, ceiling, flooring etc
- Choice of materials, fixtures, fittings, availability & constructional feasibility, application of materials
- Designing of details
- Writing specifications of the materials and design

SKILLS:

- Presentation of detailed construction drawings with emphasis on clarity in detail - making.
- Understanding of advanced construction techniques, materials specifications, building services etc.

EXERCISE:

- Prepare a full set of working drawings for a project preferably previous semesters Studio project (in part of full) computerized working drawings not desirable.

IC 502 FURNITURE DESIGN - II:

EMPHASIS:

- Understanding elements of furniture used in a commercial interior

CONTENT:

- Forms of display units and its design, materials, finishes, various op
- Elements of furniture including shop front-its lighting, window display etc.
- Presentation by detailed drawings, understanding of construction techniques

IC 503 PROFESSIONAL PRACTICE – I (QUANTITIES & ESTIMATION & SPECIFICATION) :

EMPHASIS:

- Basic understanding of quantities and its computation for various materials and elements of interior spaces
- Understanding Costs so as to make estimates for the Design Proposal

CONTENT:

- Approximate estimates; methods of estimation, computing measurements
- Preparation of Schedule of quantities, Rate analysis of various items of work
- Preparation of estimates and recapitulation
- Specification in brief, principal material requirements and their co-relation to estimates

IC 504 CONSTRUCTION – V:

EMPHASIS:

Understanding space divisions and its options

CONTENT:

- Partitions - various styles / wardrobes / kitchen cabinets; Types of Partitions - Simple Partitions, Movable Partitions, space dividers, sound proof partitions
- Paneling - Purpose / Materials used for Paneling. Paneling in Plywood, Ply board, wood, laminating their fixing techniques
- False Ceiling - Purpose / Materials used for ceiling - different types of false ceilings, their fixing techniques

IC 505 ENVIRONMENTAL SCIENCES – I (CLIMATOLOGY)

EMPHASIS:

- Climatology - Thermal design and ventilation, Daylighting.

CONTENT:

- Understanding Elements of Climate, Global Patterns and Classification of regions, Micro Climate and Thermal comfort factors, Concept of Bioclimatic chart, Effective Temperature and the applications.
- Thermal Quantities, Heat exchange of buildings, Architectural controls.
- Ventilation and air movement around buildings, design of opening and shading devices.
- Understanding use & application of materials in different climates
- Energy Efficient Rating Systems and its applications in Interior Design
- Introduction to various softwares

IC 506 WORKSHOP - V (GLASS / PLASTIC) :

EMPHASIS:

- Understanding plastic as a material and it's related products
- Understanding glass as a material
- Developing innovative forms , using these materials

CONTENT:

PLASTIC:

- Properties of plastics, FRP, acrylic etc.
- Processing plastics, use of moulds and dyes
- Application of plastic and plastic based materials in interior design

GLASS:

- Properties of glass
- Types of glass –structural glass, architectural glass
- Processing in glass making
- Commercial application of glass
- Advantages and disadvantages of using glass

THIRD YEAR - SEMESTER – VI

IC 601 PRACTICAL (OFFICE TRAINING)

EMPHASIS:

- To make students aware of and to inculcate a sense of appreciation in all the operations
- That takes place right from the preliminary sketch design to the completion of the project
- Exposure to office environment –duties and responsibilities
- To make students appreciate first hand experience of an interior design project on site
- Create awareness of the status of an interior designer in business as well as design terms.

CONTENT:

- Understanding methods of working of various professional interior designers-making design brief , client meetings Design development, presentation drawings, working drawings, specifications and tender.
- Site supervision
- Co-ordination with various agencies-clients, members of design team, various consultants, contractors, craftsmen etc.

FOURTH YEAR - SEMESTER – VII

IC 701 STUDIO - VII

EMPHASIS:

- Interiors for spaces involving highly complex issues ranging from space requirements to the Visual co-ordination

CONTENT:

- Recycling of old buildings –adaptive reuse
- Urban interiors –shopping malls, airports-public spaces etc.
- Exhibition and display areas – Fairs, recreational spaces

ISSUES:

- Project formulation and project proposal –methods of analysis –design processes, issues of design language, post –
- Occupancy post usage studies from users etc.
- Design constraints and performance specifications-issues of visual co-ordination

IC 702 FURNITURE DESIGN –III :

EMPHASIS:

- Understanding how furniture and its design help achieve desired character and ambience to enhance the said activity

CONTENT

- Analysis of furniture and its structural members, various materials
- Design of elements, material specification
- Constructional techniques, finishes etc.
- Furniture for institutional and organizational setups

C 703 PROFESSIONAL PRACTICE - II :

EMPHASIS:

- Understanding Contracts and Tender documents

CONTENT:

- Role of an interior designer, his /her responsibilities and liabilities with respect to clients And society, his /her duties power and functions
- Professional work and scale of professional charges, mode of working and payments, phasing of Projects etc.
- Tendering, contracts and articles of agreement, execution of contract, appointment of clerk of Works, site supervisor, contractor and sub-contractor etc.

IC 704 DISSERTATION ORIENTATION

EMPHASIS:

- Understanding methodological approach to carry out a research based programme in order to
- Design an interior for a (large scale) project involving a set of complex issues

CONTENT:

- Nature and function of research, scientific research, meaning of research in the field of interior design, pure and Applied research
- Stages of research and design, design and research methodology
- Techniques of data collection
- Forms of research reporting, structure of a report
- Writing skills, presentation aids
- Use of primary and secondary references, bibliography, notation, cross references etc
- Nature of an undergraduate thesis, its structure and other requirements

IC 705 ENVIRONMENTAL SCIENCES – II (ACOUSTICS) :

EMPHASIS:

- Understanding Sound Control as an important element in creating comfortable, functional Interior Environment and public spaces
- Building Acoustics and noise control by Interior elements of space organization
- Transformation of interior spaces through natural elements of design.
- Landscape design principles techniques and application.

CONTENT:

- Sound - properties, process of hearing, threshold of audibility, behavior of sound, room acoustics, ways to rectify improper sound conditions
- Reverberation and reverberation time (RT) - for speech and music
- Noise - outdoors and indoor, types of noise, effect of noise, transmission of noise
- Sound insulation- necessity, methods of sound insulation, various materials
- Understanding Auditorium design - defects, ways of overcoming these defects
- Elements of Landscape: Landforms, Plant material, water, rocks, lighting etc.
- Historical and contemporary attitudes to landscape in Indian and other contexts.
- Parameters in Landscape designing for various type of built forms- outdoor to indoor linkage
- Landscape of courtyards - residential and commercial
- Indoor plants and their visual characteristics - colour, texture, foliage
- Gardening Techniques - grafting, pruning, layering, topiary cutting
- Introduction to Bonsai- techniques and stages of bonsai-making, various styles
- Water as a landscape element - forms of water and its making

EMPHASIS:

- Understanding fabrics as element of interior space making
- Understanding through observation and actually working out- weaving, printing of various types of fabrics.

CONTENT:

- Introduction to fibers and yarns, table loom/floor loom, preparing warp, setting up loom for weaving, basic weaves and their variations.
- Variation in weaves and design quality, weaves and its quality for upholstery, curtains and floor coverings
- Rugs and darries - motifs, design, patterns and colour variations
- Introduction to printing - elements and principles of textile printing
- Block Printing - developing block, understanding material used, colour 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

FOURTH YEAR - SEMESTER – VIII

EMPHASIS:

- Inquiry by design - designing a space for the chosen subject/in selected field after detailed study of various aspects.

ISSUES:

- Thesis is intended to evaluate the student's capacity and maturity in the field of Interior Design.

CONTENT :

- The area of work chosen by the student with the guidance of a faculty member/s could be in any of the areas in the field of Interior Design for example
 - History and theory of Interior Spaces - its application/validity to present day context.
 - Interior Design language in various culture, art and craft forms and its relevance into interior spaces.
 - Mass production of various interior elements
 - Material search to replaces conventional Furniture elements
 - Urban Interiors
 - Softer elements of Interior Spaces
 - Graphics and space Transformation
 - Space psychology and human behavior etc.

PROGRAMME:

- The study in the chosen field would be caused out in two stages:
 - (A)Data collection & analysis
 - An in-depth investigation into the aspects of the chosen area.
 - Analysis of data, inferences to establish underlying principles
 - Review of existing practices/theory in view of current contexts
 - (B)Design.
 - Prepare Programme
 - Design on basis of part A.

IC 802 CONSERVATION, :

EMPHASIS:

- Conservation of historical monuments, buildings and sites.
- Main emphasis on understanding possibilities of Adaptive Re-use.

CONTENT:

- Introduction, various terms used as conservation
- Architectural Conservation :Need and Importance of conservation of historical monuments, buildings.
- Urban Conservation : Identification of areas for conservation. Approaches and techniques .
- Landscaping, maintenance and management of conserved areas or buildings.
- Case studies from India and abroad.
- Restoration of old buildings - materials used, techniques and equipment. Deterioration and preventive measures.

IC 803 ELECTIVE:

EMPHASIS:

- Introduction to various arts and skills to be explored and used in development of Designing

CONTENT:

- Photography
- Linoleum cutting and printing
- Appreciation of art through literature etc
- Creative Writing