B. Tech with

HONORS

in

INTERIOR DESIGN

Academic Regulations, Course Structure and Syllabus

Effective from 2023-24 admitted batches

Offered by

Department of Civil Engineering

KSRM College of Engineering (A) – Kadapa

(Approved by AICTE, Accredited by NAAC with A+ Grade and NBA and Affiliated to JNTUA, Anantapuramu)

ELIGIBILITY / REGISTRATION / AWARD OF HONORS

The objective of introducing B.Tech. (Hons.) is to facilitate the students to choose additionally the specialized courses of their choice and build their competence in a specialized area in the UG level. The program is a best choice for academically excellent students having good academic record and interest towards higher studies and research.

i) Honors is introduced in the curriculum of all B. Tech. programs offering a major degree and is applicable to all B.Tech (Regular and Lateral Entry) students admitted in Engineering & Technology.

ii) Those students with **at least 7.0 CGPA without any course backlogs up to III Semester in the major degree are only eligible to register for Honor degree**.

iii) A student shall earn **additional 18 credits for award of Honors** from same branch / department / discipline registered for major degree. This is in addition to 163 credits by a regular student and 123 Credits by a Lateral Entry student for the award of Major degree.

iv) A student is permitted to register for Honors in IV Semester after the results of III Semester are declared. Students shall register and pass in all the courses prescribed and being offered from V semester under the respective Honor degree.

v) Students have to attend classwork for courses under Honor degree beyond regular academic hours meant for major degree. Students can also undergo the courses under Honor through any proctored online platforms with the prior approval of the BoS Chairman and the HoD of the respective department offering Honor degree.

vi) The attendance for the registered courses under Honors and regular courses offered for Major degree in a Semester will be considered separately.

vii) A student shall have an aggregate of 75% attendance in all courses registered under Honors in that particular semester to become eligible for attending Semester-End examinations.

viii) The registration for the Honor will be cancelled, if the student is detained due to lack of attendance in Major,

ix) The registration for the Honor will be cancelled, if the student fails in any course of either Honor / Major in any semester from V to VIII Semester.

x) A student registered for Honors shall pass in all subjects that constitute the requirement for the Honors degree program. No class/division (i.e., second class, first class and distinction, etc.) will be awarded for Honors degree program.

xi) A separate grade sheet will be issued for the Honor degree courses semester-wise.

xii) If a student drops or is terminated from the Honors program, the additional credits so far earned cannot be converted into open or core electives; they will remain extra.

xiii) The Honors will be mentioned in the degree certificate as Bachelor of Technology (Honors) in XYZ. For example, B.Tech. (Honors) in Mechanical

Engineering.

xiv) There shall be a minimum enrolment of 20% OR 20 enrollments from the list of eligible students to offer Honors program.

xv) There is no fee for registration of courses for Honors program offered.

xvi) A student can register for either Minor / Honor but not both.

xvii) Student shall submit an application for either Minor / Honor at least one week before the commencement of the V Semester.

HONORS PROGRAMS OFFERED

Offering Department	Title	Who can Register
Civil Engineering	Civil Engineering	B.Tech. CE
	Tunnel Engineering	
	Interior Design	
Mechanical Engineering	Mechanical Engineering	B.Tech. ME
Electrical and Electronics Engineering	Electric Vehicles	B.Tech. EEE
Electronics and Communication Engineering	VLSI	B.Tech. ECE
	Embedded Systems and IoT	
Computer Science and Engineering	Computer Science and Engineering	B.Tech. CSE, B.Tech. AIML, B.Tech. CSE(DS), B.Tech. CSE(AIML)
	Artificial Intelligence and Machine Learning	
	Data Science	
	CSE-Artificial Intelligence and Machine Learning	

COURSE STRUCTURE

for

HONORS

in

INTERIOR DESIGN

S.No	COURSE CODE	COURSE TITLE	Semester Offered	L	T	P	IM	EM	CR
1	2301591H	Introduction to Interior Design	V	3	0	0	30	70	3
2	2301592H	Interior Materials, Construction and Finishes	V	3	0	0	30	70	3
3	2301593H	Interior Design Lab	V	0	0	3	30	70	1.5
4	2301691H	Interior Space Planning and Ergonomics	VI	3	0	0	30	70	3
5	2301692H	Interior Lighting Design	VI	3	0	0	30	70	3
6	2301693H	Residential Space Design Lab	VI	0	0	3	30	70	1.5
7	2301791H	Design and Detailing of Interior Furniture Elements	VII	3	0	0	30	70	3
Total				**15**	**0**	**6**	**210**	**490**	**18**

2301591H	HONORS IN INTERIOR DESIGN INTRODUCTION TO INTERIOR DESIGN (CE)	L	T	P	C
		3	0	0	3

Pre-Requisites: NIL

Course Outcomes:

On successful completion of the course, student will be able to

CO1. Describe the origins and development of interior design in India, including key historical styles and cultural influences from ancient to medieval times.
CO2. Compare major Western interior styles and identify their influence on Indian interiors during and after colonial rule.
CO3. Differentiate regional interior styles across India and explain how climate, culture, and materials influence vernacular design.
CO4. Evaluate the transformation of Indian interior design in the modern and contemporary era with respect to functionality, technology, and sustainability.
CO5. Develop a professional perspective on interior design by integrating global trends, emerging technologies, and entrepreneurship into design thinking.

SYLLABUS:

UNIT- I: FOUNDATIONS AND HISTORY OF INTERIOR DESIGN (09 Periods)

Definition, scope, and importance of interior design in India; Prehistoric cave paintings and early design understanding; Interior elements of ancient Indian civilizations (Indus Valley, Vedic, etc.); Classical Indian architecture and interior design principles; Buddhist and Jain architectural influences; Indo-Islamic interior design (e.g., Taj Mahal); Evolution of furniture styles in ancient and medieval India.

UNIT- II: WESTERN INTERIOR DESIGN STYLES AND COLONIAL INFLUENCES (08 Periods)

Gothic Revival and Renaissance interior styles; Baroque and Rococo interior design; Victorian era and colonial style influences; Bauhaus and Art Deco movements; Art Nouveau and Modernism; Minimalist and Industrial styles; Mid-century modern and Scandinavian design; Portuguese, Dutch, French, Spanish, Italian, and British colonial influences on Indian interiors.

UNIT - III: INDIAN INTERIOR DESIGN AND REGIONAL DIVERSITY (09 Periods)

North Indian architectural interior elements; South Indian vernacular interior design; Eastern Indian materials and styles; Western Indian interior characteristics; Northeastern Indian design inspirations; Coastal interior design features; Hill station architecture and interiors; Traditional Indian homes and regional furniture styles; Regional adaptation to climate in interior design.

UNIT- IV: MODERN INDIAN INTERIORS AND CONTEMPORARY PRACTICES (09 Periods)

Early modernist influences in Indian interiors; Art Deco in Indian cities (e.g., Mumbai); Post-independence architecture and interiors; Contemporary Indian interior trends; Minimalism and functionalism in modern design; Urbanization and its impact on interiors; Smart homes and technology integration; Inclusive and wellness-focused interior design; Sustainable and eco-friendly interior practices.

UNIT- V: GLOBAL TRENDS, FUTURE PROSPECTS, AND PROFESSIONAL PRACTICE (10 Periods)

Global interior design trends and their influence in India; Biophilic design principles; Cultural diversity and its impact on Indian interiors; Impact of globalization on Indian interior design; Emerging technologies (AI, VR) in interior design; Socio-economic factors influencing design preferences; Entrepreneurship in interior design; Portfolio development and professional practice; Continuing education and future career opportunities.

Total Periods: 45

TEXT BOOKS:

T1. A History of Interior Design, John Pile and Judith Gura, John Wiley & Sons, Inc., 2014.

T2. History of Interior Design, Jeannie Ireland, Bloomsbury Academic, United States, 2nd ed., 2018.

T3. A History of Interior Design in India, Muktirajsinhji Chauhan, Kamalika Bose, SID Research Cell, School of Interior Design, CEPT University, 2007.

T4. Indian Interiors, Sunil Sethi & Angelika Taschen, Taschen, 2004.

REFERENCE BOOKS:

R1. Interior Design: A Practical Guide, Jenny Gibbs, University of Wisconsin - Madison, 2005.

WEB RESOURCES:

1. https://www.deccaninstitute.org/e-resources/?utm_source=chatgpt.com

2301592H	HONORS IN INTERIOR DESIGN INTERIOR MATERIALS, CONSTRUCTION AND FINISHES (CE)	L	T	P	C
		3	0	0	3

Pre-Requisites: Basic Civil and Mechanical Engineering

Course Outcomes:

On successful completion of the course, student will be able to

CO1. Explain the relationship between interior design, architecture, and social values, and how material and colour choices influence spatial experience.

CO2. Analyze the properties and applications of traditional and emerging interior materials with respect to sustainability, acoustics, and spatial impact.

CO3. Evaluate the applications of nanotechnology and information technology in enhancing the functionality, health, and user experience of interior environments.

CO4. Apply technical knowledge of interior construction systems to plan efficient and integrated environmental services such as HVAC, water, and fire protection.

CO5. Create interior finishing schemes using appropriate materials, paint types, and detailing techniques to achieve durability, aesthetics, and functional quality.

SYLLABUS:

UNIT - I: FUNDAMENTALS OF INTERIOR DESIGN AND MATERIAL CONCEPTS (09 Periods)

Foundational relationship between interior design and architecture; the evolving public image and professional identity of interior designers; interior design as a tool for corporate branding and cultural expression; social dimensions and design's response to user needs; integration of product design; and how interiors reflect the values and styles of their time. Building types, interior space typologies, design trends, aesthetic values, and how colour and materials influence mood, protection, and user wellbeing in interior spaces.

UNIT- II: TRADITIONAL AND EVOLVING INTERIOR MATERIALS (09 Periods)

Essential knowledge of traditional materials such as glass, wood, and metals; pathways of material innovation in interiors; emerging decorative surfaces and the shift toward personalisation and sustainable choices; performance-based criteria for selecting materials; and the use of reclaimed and eco-conscious alternatives. The role of materials in acoustics and interior comfort is discussed, alongside the spatial impact of surface finishes on floors, walls, ceilings, including innovations like light concrete and material-integrated lighting.

UNIT- III: NANOTECHNOLOGY AND INFORMATION TECHNOLOGY IN INTERIORS (09 Periods)

Role of nanotechnology in interiors, including self-cleaning surfaces, indoor air quality improvement, thin-profile thermal insulation, flexible and efficient lighting solutions, and ultra-high-performance materials. Transformative role of information technology in interior spaces, such as smart home systems, enhanced user experience, and standardisation across residential, public, and commercial interiors, with emphasis on simplicity, control, and integration.

UNIT- IV: TECHNICAL SYSTEMS AND SERVICES IN INTERIOR CONSTRUCTION (09 Periods)

Technical systems essential to interior construction, including heat, water, gas, and air distribution systems; principles of heating, ventilation, and cooling; control of humidity and temperature; and air quality management through centralised and decentralised systems. Solar protection strategies; water management systems for hot, cold, and waste water; energy systems including electricity generation and regulation; and comprehensive fire protection approaches integrated structurally and through services.

UNIT- V: INTERIOR FINISHING AND PAINTING (09 Periods)

Interior finishing elements such as ceilings, walls, doors, windows, flooring, and furniture, along with selection and placement of decorative accessories. Paint composition, types of paint for different interior applications, the process of painting from preparation to finishing, and common painting defects with corresponding remedies to ensure visual quality and durability.

Total Periods: 45

TEXT BOOKS:

T1. Designing Interior Architecture: Concept, Technology, Material, Construction, Birkhauser Basel, Salvia Leydecker (Ed.), 2013.

T2. Interior Design Principles and Practice, M. Pratap Rao, Standard Publishers Distributors, 2020

T3. History of Interior Design, Jeannie Ireland, Bloomsbury Academic, United States, 2nd ed., 2018.

REFERENCE BOOKS:

R1. Interior Design: A Practical Guide, Jenny Gibbs, University of Wisconsin - Madison, 2005.

WEB RESOURCES:

1. https://www.deccaninstitute.org/e-resources/?utm_source=chatgpt.com

2301593H	HONORS IN INTERIOR DESIGN INTERIOR DESIGN LAB (CE)	L	T	P	C
		0	0	3	1.5

Pre-Requisites: Building Planning and Drawing

Course Outcomes:

On successful completion of the course, student will be able to

CO1. Apply basic SketchUp tools to create 2D shapes and 3D interior models

CO2. Model and organize interior components using groups, components, and arrays

CO3. Convert 2D plans into 3D interior layouts and multi-level structures

CO4. Apply material textures, lighting, and 3D Warehouse components for design enhancement

CO5. Generate annotated views, sections, and presentation layouts for final design documentation

SYLLABUS:

1 Interface Familiarization and Navigation Tools in SketchUp
2 Drawing Basic 2D Shapes and Using Push/Pull Tool
3 Modeling a Simple Room Using Groups and Guidelines
4 Designing a Modular Table Using Components
5 Creating Storage Units – Bookcase and Shelves
6 Importing and Tracing a 2D Floor Plan into 3D
7 Modeling Multi-Level Interiors with Stairs and Platforms
8 Applying Materials and Textures to Interior Surfaces
9 Inserting and Editing 3D Warehouse Components
10 Creating Sections, Elevations, and Views for Presentation
11 Modeling Daylight and Shadow Studies in a Living Space
12 Generating Layout Sheets and 3D Renders for Final Presentation

REFERENCE BOOKS:

R1. Lydia Sloan Cline, SketchUp for Interior Design, John Wiley & Sons, Inc., Hoboken, New Jersey, 2023, 2nd Edition

R2. Michael Brightman, The SketchUp Workflow for Architecture, John Wiley & Sons, Inc., Hoboken, New Jersey, 2013.

2301691H	HONORS IN INTERIOR DESIGN INTERIOR SPACE PLANNING AND ERGONOMICS (CE)	L	T	P	C
		3	0	0	3

Pre-Requisites: Basic Civil and Mechanical Engineering, Introduction to Interior Design

Course Outcomes:

On successful completion of the course, student will be able to

CO1. Explain the fundamentals of spatial planning, anthropometry, and design visualization techniques in the context of residential interiors.
CO2. Apply principles of ergonomics and circulation design to plan functional and code-compliant entry and movement spaces.
CO3. Analyze spatial layout and furniture arrangements in social areas to ensure user comfort, accessibility, and design efficiency.
CO4. Evaluate kitchen layouts for functionality, ergonomic flow, technical systems integration, and safety compliance.
CO5. Design efficient and private residential utility spaces by integrating user needs, safety codes, and spatial zoning principles.

SYLLABUS:

UNIT- I: FUNDAMENTALS OF SPACE PLANNING AND HUMAN-CENTERED DESIGN (09 Periods)

Principles of space planning and its relationship with human behavior; the concept of quality and quantity in housing; the influence of ergonomics on residential interior design; basic anthropometric requirements and spatial clearances; functional flow and zoning in residential interiors; related regulatory codes and design constraints; overview of mechanical and electrical considerations in planning; basics of lighting requirements in interiors; visual thinking and introductory design graphics; orthographic projections as tools for spatial visualization.

UNIT- II: ENTRANCE AND CIRCULATION SPACES (09 Periods)

Planning of entrance and circulation spaces; functional organization of foyers and entry areas; design considerations for vertical movement like stairs and ramps; ergonomic requirements and standard clearances in transitional zones; circulation flow and spatial sequencing; building codes and standards affecting circulation areas; essential mechanical and electrical planning; lighting strategies to enhance entry and corridor environments.

UNIT- III: SOCIAL AND LIVING SPACES (09 Periods)

Planning of social and leisure spaces including living rooms, dining areas, and family lounges; spatial requirements and ergonomic considerations; organization of furniture layouts for social interaction and accessibility; circulation flow in open and closed plan social zones; building codes and safety regulations related to living spaces; integration

of electrical points, HVAC systems and mechanical planning; lighting for ambient, task, and accent needs in social environments.

UNIT- IV: KITCHEN DESIGN AND WORKSPACES (09 Periods)

Detailed analysis of kitchen design; functional zoning and work triangle concept; placement and dimensions of major fixtures including sinks, cooktops, ovens, refrigerators, and dishwashers; ergonomic requirements and working clearances for countertops and cabinetry; effective kitchen storage including cabinets, drawers, and pantries; ventilation strategies and lighting design in work areas; relevant plumbing, mechanical, and electrical considerations; codes and safety standards impacting kitchen layout and appliances.

UNIT- V: PRIVATE AND UTILITY SPACES (09 Periods)

Private and support spaces such as bedrooms, bathrooms, and utility areas; ergonomic planning for beds, wardrobes, and circulation in bedrooms; design considerations for bathroom fixtures including toilets, sinks, tubs, and showers; clearances and safety in wet areas; organizational flow and zoning in bathrooms and utility rooms; basic planning for laundry areas, mudrooms, and home offices; overview of mechanical and lighting needs; essential codes and functional requirements for privacy and accessibility.

Total Periods: 45

TEXT BOOKS:

T1. Residential Interior Design: A Guide to Planning Spaces, Maureen Mitton, CID, NCIDQ Courtney Nystuen, AIA Emeritus, John Wiley & sons, inc., Hoboken, new Jersey, 2013.

T2. Interior Design Principles and Practice, M. Pratap Rao, Standard Publishers Distributors, 2020.

REFERENCE BOOKS:

R1. Interior Design: A Practical Guide, Jenny Gibbs, University of Wisconsin - Madison, 2005.

R2. Designing Interior Architecture: Concept, Technology, Material, Construction, Birkhauser Basel, Salvia Leydecker (Ed.), 2013.

WEB RESOURCES:

1. https://www.deccaninstitute.org/e-resources/?utm_source=chatgpt.com

2301692H	HONORS IN INTERIOR DESIGN INTERIOR LIGHTING DESIGN (CE)	L	T	P	C
		3	0	0	3

Pre-Requisites: Introduction to Interior Design

Course Outcomes:

On successful completion of the course, student will be able to

CO1. Explain the basic properties of light and its interaction with the human eye and brain

CO2. Analyze the psychological effects of lighting and apply principles of emotional and perceptual lighting design

CO3. Identify and evaluate suitable light sources and luminaires for different interior applications

CO4. Apply appropriate lighting distribution techniques and control systems to meet design and energy-efficiency goals

CO5. Design interior lighting schemes and prepare related presentation documents and layouts

SYLLABUS:

UNIT-I: FUNDAMENTALS OF LIGHT AND HUMAN PERCEPTION (9 periods)

Properties of light; Electromagnetic spectrum and visible range; Reflection, refraction, transmission, diffusion; Anatomy of the human eye – rods and cones; Luminance vs brightness; Visual field and contrast sensitivity; Photopic, mesopic, and scotopic vision; Purkinje shift and color perception at different light levels; Visual adaptation and perception under changing light conditions.

UNIT-II: PSYCHOLOGY OF LIGHTING AND SPATIAL PERCEPTION (9 periods)

Emotional responses to lighting; Brightness contrast and mood stimulation; Environmental load – high-load vs low-load environments; Lighting strategies for mental engagement and relaxation; Richard Kelly's three lighting elements – ambient, focal glow, sparkle; Role of lighting in spatial perception and atmosphere; Flynn's research on subjective impressions – clarity, spaciousness, and pleasantness; Human-centric lighting design principles; Analysis of lighting in real interior settings.

UNIT-III: LIGHT SOURCES AND LUMINAIRES (9 periods)

Daylight as a natural lighting source; Daylight design techniques – orientation, glazing, shading; Electric light sources – incandescent, halogen, fluorescent, CFL, HID, LED;

Color temperature (CCT) and color rendering index (CRI); Lamp efficacy, energy use, and lamp life; Comparison of light sources for function and aesthetics; Luminaires – types, housings, mounting styles; Light distribution patterns – direct, indirect, diffused; Role of luminaires in glare control and visual emphasis.

UNIT-IV: LIGHTING TECHNIQUES, DISTRIBUTION, AND CONTROL (9 periods)

Lighting direction – downward, upward, multidirectional; Beam spread – narrow vs diffuse; Contrast control and visual emphasis; Surface reflectance and material influence on brightness; Types and sources of glare – direct, reflected, discomfort; Sparkle vs glare – visual interest and control; Photometric terms – illuminance, luminance, inverse square law; Recommended lighting levels for tasks and environments; Lighting controls – switches, dimmers, sensors, automated smart systems.

UNIT-V: INTERIOR LIGHTING DESIGN APPLICATIONS (9 periods)

Lighting design strategies for residential, commercial, and public interiors; Task lighting, accent lighting, ambient lighting, decorative lighting; Visual hierarchy and spatial organization through lighting; Lighting for artwork and display objects; Sustainable lighting – LED use, zoning, daylight integration, energy-saving methods; Psychological comfort through layered lighting; Integration of light with ceiling, floor, and wall surfaces; Preparation of lighting layouts and reflected ceiling plans; Documentation – luminaire schedules, lighting symbols, presentation boards.

Total Periods: 45

TEXT BOOKS:

T1. Gary Gordon, Interior Lighting for Designers, John Wiley & Sons, 2003, 4th Edition.
T2. Malcolm Innes, Lighting for Interior Design, Laurence King Publishing Ltd., 2012

Reference Books:

R1 Rudiger Ganslandt and Harald Hofmann, Handbook of Lighting Design, The Vieweg publishing company, 1992.

2301693H	HONORS IN INTERIOR DESIGN RESIDENTIAL SPACE DESIGNING LAB (CE)	L	T	P	C
		0	0	3	1.5

Pre-Requisites: Interior Design Lab

Course Outcomes:

On successful completion of the course, student will be able to

CO1. Create accurate 2D floor plans and convert them into 3D residential models using SketchUp tools
CO2. Design and organize residential interior elements including furniture, fixtures, and storage systems
CO3. Apply appropriate materials, colours, lighting, and textures for realistic interior
CO4. visualization
Generate sectional views, elevations, and detailed layout presentations for residential designs
CO5. Develop an integrated 3D residential model and present it using animation or rendered walkthrough

SYLLABUS:

1 Creating the Floor Layout of a 2BHK Residence
2 Modelling Bedroom Furniture and Interior Arrangement
3 Kitchen Space Planning – L and U Type Modular Layouts
4 Designing a Dining Room with Furniture and Lighting
5 Modelling a Functional Bathroom with Sanitary Fixtures
6 Designing Wardrobes with Sliding Doors in Bedroom
7 Designing a Balcony or Sit-Out with Furniture and Greenery
8 Modelling a modern false ceiling of a Central hall
9 Interior Lighting and Shadow Analysis in a Living Space
10 Creating Sectional and Elevation Views for a Residential building
11 Modelling landscape for a residential building
12 Final Model Compilation and Animated Walkthrough of the Residence

Reference Books:

R1 Lydia Sloan Cline, SketchUp for Interior Design, John Wiley & Sons, Inc., Hoboken, New Jersey, 2023, 2nd Edition
R2 Michael Brightman, The SketchUp Workflow for Architecture, John Wiley & Sons, Inc., Hoboken, New Jersey, 2013.

2301791H	HONORS IN INTERIOR DESIGN DESIGN AND DETAILING OF INTERIOR FURNITURE ELEMENTS (CE)	L	T	P	C
		3	0	0	3

Pre-Requisites: Introduction to Interior Design, Interior Space Planning and Ergonomics

Course Outcomes:

On successful completion of the course, student will be able to

CO1. Describe the evolution of furniture styles from ancient civilizations to the Gothic period and identify their cultural and functional significance.
CO2. Classify various furniture types based on their functional contexts and analyze their design relevance in different spatial settings.
CO3. Differentiate between off-the-shelf, bespoke, and commissioned furniture types and evaluate their appropriateness in various interior scenarios.
CO4. Apply knowledge of furniture materials and construction methods, including traditional and modern techniques, to develop practical design solutions.
CO5. Design furniture detailing and finishing strategies that integrate textiles, upholstery, fixings, and fittings for high-quality interior execution.

SYLLABUS:

UNIT- I: HISTORY AND EVOLUTION OF FURNITURE IN INTERIOR DESIGN (09 Periods)

Characteristics of Mesopotamian Furniture; Characteristics of Egyptian Furniture; Importance of Greek Furniture; Rome Furniture; History of Furniture in Middle Age; Furniture in Romanesque Period (1000–1100 A.D); Furniture in Gothic Period (1200–1300 A.D).

UNIT- II: TYPOLOGIES AND FUNCTIONAL CONTEXTS OF FURNITURE (09 Periods)

Retail Furniture Design; Reception Areas; Workspaces; Hospitality Furniture; Bars and Restaurants; Exhibition Design; Residential Furniture; Fixed Seating and Tables; Screens and Dividers; Storage Solutions.

UNIT- III: FURNITURE TYPES AND CUSTOMIZATION (09 Periods)

Off-the-Shelf Furniture; Reuse and Recycling of Furniture; Bespoke Furniture; Commissioned Pieces; Content and Context in Furniture Design.

UNIT- IV: MATERIALS AND CONSTRUCTION TECHNIQUES (09 Periods)

Introduction to Furniture Materials; Timber and Timber-Based Boards; Traditional Timber Joints; Marquetry Techniques; Wood Workshop Practices; Metals; Plastics;

Glass; Stone.

UNIT- V: DETAILING, FINISHES AND ASSEMBLY (09 Periods)

Textiles in Furniture; Upholstery Techniques; Applied Finishes; Fixings; Fittings; Making Good – Final Finishing and Integration of Furniture in Interiors.

Total Periods: 45

TEXT BOOKS:

T1. Furniture for Interior Design, Sam Booth and Drew Plunkett, Laurence King Publishing Ltd, 2014.

T2. Residential Interior Design: A Guide to Planning Spaces, Maureen Mitton, CID, NCIDQ Courtney Nystuen, AIA Emeritus, John Wiley & sons, inc., Hoboken, new Jersey, 2013.

T3. Interior Design Principles and Practice, M. Pratap Rao, Standard Publishers Distributors, 2020.

REFERENCE BOOKS:

R1. Interior Design: A Practical Guide, Jenny Gibbs, University of Wisconsin - Madison, 2005.

R2. Designing Interior Architecture: Concept, Technology, Material, Construction, Birkhauser Basel, Salvia Leydecker (Ed.), 2013.

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