Sheth T. J. Education Society's
Sheth N.K.T.T College of Commerce and
Sheth J.T.T College of Arts, (AUTONOMOUS). Thane (W)

F. Y. B.Sc. (Interior Design) 2026-27

	Semester I Subjects		Credits		Semester II Subjects		Credits
Major BIBM101	1	Building Materials and Market Survey - I	2	BIBM201	1	Building Materials and Market Survey-II	2
				BIHI202	2	History of Interior Design	2
BIDGP102	1	Drawing And Graphics	2	BIBCP203	1	Building And Interior Construction - II	2
BIFDP103	2	Fundamentals Of Design and Space Planning	2	BIDSP204	2	Interior Design Studio – I: Concept, Development and Site Survey	2
BIBCP104	3	Building And Interior Construction - I	2				
Minor BFMC105		Management for Creative Professionals-I	2	BFMC205		Management for Creative Professionals-II	2
BFIDP106	**OE 1**: Basics of ICT and Digital Literacy		2	BFPD206	**OE 1**: Personality Development		2
BFPV107	**OE 2**: Photography and Visual Culture			BFFS207	**OE 2**: Film, Space and Visual Expression		
BIMEP108	1	**VSC : -**		BIDDP208	1	**VSC:** Digital Interior Design-I	2
	2	**SEC :** Material Exploration and Model Making	2	BFSEP209	2	**SEC:** Surface Embellishment Techniques-I	2
BFBC109	1	**AEC :** Business Communication-I	2	BFBC2010	1	**AEC:** Business Communication-II	2
BFES1010	2	**VEC :** Green Technology-I	2	BFES2011	2	**VEC:** Green Technology-II	2
BFAI1011	3	**IKS:** Ancient Indian Art and Culture	2				
BFFAP1012	1	**CC:** Fine Art / Visual Art / Applied Art-I	2	BFFAP2012	1	**CC:** Fine Art / Visual Art / Applied Art-II	2
	Total		**22**		**Total**		**22**

Dr. Yogeshwari Patil
Department Coordinator

Prof. Heena Chande
NEP Coordinator

Dr. Dilip Patil
Principal

Sheth T. J. Education Society's
Sheth N.K.T.T College of Commerce and
Sheth J.T.T College of Arts, (AUTONOMOUS). Thane (W)

Programme Name: **B.Sc. Interior Design**	**Semester: II**
Course Category: **Major**	
Name of the Dept: **Science and Technology**	
Course Title**: Building Materials and Market Survey-II**	
Course Code: **BIBM201**	Course Level: 4.5
Type: **Theory**	
Course Credit: 2 credits	
Hours Allotted: 30 Hours	
Marks Allotted: 50 Marks	

Course Objectives:

1. Develop an understanding of the properties and performance characteristics of Materials.
2. Familiarize students with material extraction, manufacturing, processing, and application methods.
3. Introduce functional and service-related materials essential for building performance and safety.
4. Strengthen material selection skills based on functional, aesthetic, economic, and sustainability considerations.

Course Outcomes:

After the completion of the course, the learners would be able to:

CO1: Understand and compare the properties, manufacturing processes, applications, and limitations of metals, composite materials, finishes, and special purpose materials used in interior design.

CO2: Select appropriate materials and finishes based on performance, sustainability, safety standards, and market suitability for interior projects.

Description of the course:	This course builds upon foundational material knowledge and focuses on advanced building, finishing, and service-related materials used in the built environment. It emphasizes material performance, and integration with building services. Students develop an understanding of how finishes and special-purpose materials influence functionality, comfort, safety, and aesthetics. The course integrates market studies, vendor interaction, and practical application. It prepares students for professional-level material selection and specification in interior and architectural projects.

Unit No.	Content	Hours
I	**Metals and composite materials** Ferrous metals and alloys Properties, manufacturing processes, types, and applications of ferrous metals such as wrought iron, cast iron, mild steel, galvanized iron, stainless steel, and their alloys. Non-Ferrous metals Properties, types, advantages, drawbacks, manufacturing processes, applications, and market relevance of non-ferrous metals including aluminium, brass, copper, and zinc. Composite materials Analyse the types, properties, applications, and sustainability aspects of composite and lightweight materials such as acrylics, polycarbonate, polyurethane, PVC, artificial wood, GRP, FRP, WPC, and cement boards.	15
II	**Finishes and special purpose materials** Fixtures and finishes Types, properties, applications, and selection criteria of interior finishes including paints, polishes, textured finishes, cladding, wallpapers, upholstery fabrics, soft furnishings, flooring, and window treatments. Special purpose materials Waterproofing systems, surface treatments, and specialised materials used for plumbing, sanitation, electrical supply, and building services in interior projects. Thermal, acoustic and fire-fighting materials Thermal insulation, acoustic control, fire-fighting, fire-resistant, and fire-proof materials used for safety and comfort in interior spaces.	15
	Total Hours	**30**

Books and References:

Engineering Materials by S.C Rangwala - 43rd Edition, 2019 (Charotar Publishing House)
Building Materials by Gurucharan Singh - 5th Edition, 2022 (Standard Publishers Distributors)
Engineering materials by K.P.Roy Choudhary - 4th Edition, 1959 (Oxford & IBH Publishing)
Building Materials and Construction by G.C.Sahu & Joygopal Jena - 1st Edition, 2015 (McGraw Hill Education)
Civil Engineers' Practical Handbook by P.N.Khanna - 4th Edition, 1959 (Engineers' Publishers)
Materials for construction by D.N.Ghosh - 4th Edition, 1989 (Tata McGraw-Hill)

Sheth T. J. Education Society's
Sheth N.K.T.T College of Commerce and
Sheth J.T.T College of Arts, (AUTONOMOUS). Thane (W)

Programme Name: **B.Sc. Interior Design**	**Semester: II**
Course Category: **Major**	
Name of the Dept: **Science and Technology**	
Course Title**: History of Interior Design**	
Course Code: **BIHI202**	Course Level: 4.5
Type: **Theory**	
Course Credit: 2 credits	
Hours Allotted: 30 Hours	
Marks Allotted: 50 Marks	

Course Objectives:

1. To introduce students to the evolution of interior spaces and domestic lifestyles.
2. To study historical furniture, materials, finishes, and decorative systems.
3. To understand contributions of key designers to interior design practice.
4. To relate historical interior principles to contemporary design thinking.

Course Outcomes:

After the completion of the course, the learners would be able to:
CO1: Understand the evolution of interior spaces from ancient civilizations to contemporary design movements, analysing styles, materials, and socio-cultural influences.
CO2: Interpret historical and modern interior design principles to inform contemporary spatial concepts and professional practice.

Description of the course:	This course examines the evolution of interior spaces, furniture, materials, and decorative practices across global historical periods, with reference to lifestyle and cultural change. Building upon the understanding of Indian traditional interiors, the subject focuses on how interiors developed as functional and aesthetic environments, leading to the emergence of interior design as a professional discipline. The course will emphasize visual analysis and case studies of renowned designers and landmark interior projects.

Unit No.	Content	Hours
I	**Evolution of interiors and domestic spaces** Early and classical domestic interiors Understand domestic interior spaces of ancient civilizations through study of furniture forms, materials, surface treatments, and comparison with traditional Indian homes. Medieval to early modern interiors Study interiors of castles, manor houses, and early urban homes with reference to spatial zoning, furniture, textiles, lighting, and social hierarchy. Decorative styles and craft traditions Analyse Renaissance, Baroque, and Rococo interiors focusing on ornamentation, surface decoration, ceiling and wall systems, and the role of artisans.	15
II	**Modern to contemporary interior design practice** Industrial age and functional interiors Impact of industrialisation on interior materials, furniture production, and the Arts and Crafts movement. Emergence of modern interior design Modernist interiors, functional planning, Bauhaus influence, and the emergence of interior design as a professional discipline. Contemporary designers and global styles Contemporary interior styles through case studies of global and Indian designers, branding of spaces, and fusion of traditional and modern elements**.** .	15
	Total Hours	**30**

Books and References:

History of Interior Architecture: Furniture, Design, and Global Culture by Mark Hinchman - 2nd Edition, 2024 (Fairchild Books / Bloomsbury)

A History of Interior Design by John F. Pile and Judith Gura - 5th Edition, 2024 (Laurence King Publishing / John Wiley & Sons)

History of Design: Decorative Arts and Material Culture, 1400–2000 by Pat Kirkham and Susan Weber - 1st Edition, 2013 (Yale University Press)

Interior Design Since 1900 by Anne Massey - 4th Edition, 2020 (Thames & Hudson)

Sheth T. J. Education Society's
Sheth N.K.T.T College of Commerce and
Sheth J.T.T College of Arts, (AUTONOMOUS). Thane (W)

Programme Name: **B.Sc. Interior Design**	**Semester: II**
Course Category: **Major**	
Name of the Dept: **Science and Technology**	
Course Title**: Building and Interior Construction - II**	
Course Code: **BIBCP203**	Course Level: 4.5
Type: **Practical**	
Course Credit: 2 credits`	
Hours Allotted: 60 Hours	
Marks Allotted: 50 Marks	

Course Objectives:

1. To familiarize students with the construction and installation of doors and windows.
2. To develop an understanding of wood joinery, woodworking tools, and hardware fittings.
3. To introduce staircase types and their basic design considerations.
4. To explain the construction and application of partitions and false ceilings in interior spaces.

Course Outcomes:

After the completion of the course, the learners would be able to:
CO1: Develop detailed construction drawings of joinery, doors, windows, staircases, partitions, panelling, and false ceilings with accurate dimensions and labelling.
CO2: Understand material behaviour, fixing methods, hardware detailing, and construction techniques to produce technically sound interior execution drawings.

Description of the course:	This course focuses on interior building components and construction techniques commonly used in residential and commercial buildings. The course covers doors and windows, wood joinery, woodworking tools and hardware, staircases, partitions, and false ceilings. Emphasis is placed on understanding construction details, materials, and applications relevant to interior design and building practice.

Sr No.	Content (List of Practicals)	Hours
1	**Wood joinery drawing sheets** Prepare detailed drawing sheets of basic, overlapping, and structural wood joints with proper labelling and applications..	
2	**Door components and construction drawings** Draw and label door components with dimensions and prepare construction drawings of panelled, flush, glazed, sliding, and folding doors.	
3	**Door joinery and hardware detailing** Draft joinery connections and hardware fixing details for different door installations.	
4	**Window Components and sectional drawings** Draw window components with sectional details and prepare construction drawings of panelled, glazed, sliding, and folding windows.	
5	**Window joinery and hardware detailing** Draft joinery connections and hardware details for window fixing, operation, and installation.	
6	**Staircase components and proportion study** Draw staircase components with correct proportions, dimensions, and terminology.	
7	**Staircase construction drawings** Prepare construction drawings of straight, dog-legged, open-well, and spiral staircases using different materials.	
8	**Partition construction drawings** Draft construction drawings of different types of interior partitions using various materials, including fixing methods and material specifications.	
9	**Panelling construction drawings** Prepare detailed construction drawings of wall panelling systems showing framework, surface finish, joinery, and fixing details.	
10	**False ceiling layout and construction details** Prepare false ceiling layouts, sections, and construction details for gypsum, POP, metal, and wooden false ceilings, including supports and fixings.	
	Total Hours	**60**

Books and References:

Building Construction: Planning Techniques and Methods of Construction by S.P. Bindra and S.P. Arora - 19th Edition, 2000 (Dhanpat Rai Publications)

Mitchell's Elementary Building Construction by Raymond Moxley - 22nd Edition, 2004 (Technical Press / Batsford)

Textbook of Building Construction by Sushil Kumar - 19th Edition, 2003 (Standard Publishers Distributors)

Building Construction by S.C. Rangwala - 34th Edition, 2022 (Charotar Publishing House)

Building Construction by B.C. Punmia, Ashok K. Jain, and Arun K. Jain - 12th Edition, 2025 (Laxmi Publications

Sheth T. J. Education Society's
Sheth N.K.T.T College of Commerce and
Sheth J.T.T College of Arts, (AUTONOMOUS). Thane (W)

Programme Name: **B.Sc. Interior Design**	**Semester: II**
Course Category: **Major**	
Name of the Dept: **Science and Technology**	
Course Title**: Interior Design Studio – I: Concept, Development and Site Survey**	
Course Code: **BIDSP204**	Course Level: 4.5
Type: **Practical**	
Course Credit: 2 credits`	
Hours Allotted: 60 Hours	
Marks Allotted: 50 Marks	

Course Objectives:

1. To understand client requirements and project context for residential design.
2. To develop design concepts supported by research, mood boards, and material studies.
3. To create functional layouts and detailed design drawings for residential interiors.
4. To present and document the design project using visualizations and structured reports.

Course Outcomes:

After the completion of the course, the learners would be able to:
CO1: Develop comprehensive interior design proposals from client briefing and research to concept development, zoning, schematic layouts, and design documentation.
CO2: Communicate design intent effectively through technical drawings, rendered presentations, detailed furniture drawings, and spatial visualisations.

Description of the course:	This course focuses on the complete interior design process for a residential unit such as a one BHK or studio apartment. Students learn to translate client requirements into design concepts, develop schematic and detailed layouts, and present the project through drawings, visualizations, and documentation. The course emphasizes design thinking, spatial planning, technical detailing, and professional presentation skills.

Sr No.	Content (List of Practicals)	Hours
1	**Client profile and project understanding** Prepare a client profile, analyse client requirements, and study the existing layout and site conditions for the design project.	
2	**Project research and concept development** Conduct project research and develop a design concept responding to client needs and contextual analysis.	
3	**Mood boards and material boards** Create mood boards and material boards to define the design style, colour palette, and ambience.	
4	**Zoning and bubble diagrams** Develop zoning layouts and bubble diagrams to study functional planning and spatial relationships.	
5	**Schematic layout options** Prepare multiple schematic layout options based on functional and spatial requirements.	
6	**Key plan and presentation drawings** Prepare a key plan locating interior elevations and major design elements.	
7	**Rendered layouts and elevations** Develop rendered layouts and interior elevations to visualise materials, finishes, and design elements.	
8	**Design development drawings** Prepare flooring layouts, furniture layouts, reflected ceiling plans, and lighting and electrical layouts.	
9	**Furniture detail drawings** Create technical drawings along with enlarged details to understand its construction.	
10	**Visualisation drawings** Create interior perspectives and isometric views to communicate spatial quality and design intent.	
	Total Hours	**60**

Books and References:

Time-Saver Standards for Interior Design and Space Planning by Joseph De Chiara, Julius Panero, and Martin Zelnik - 2nd Edition, 2001 (McGraw-Hill Education)

Residential Interior Design: A Guide to Planning Spaces by Maureen Mitton and Courtney Nystuen - 4th Edition, 2021 (John Wiley & Sons)

The Fundamentals of Interior Design by Simon Dodsworth and Stephen Anderson - 2nd Edition, 2015 (Fairchild Books / Bloomsbury)

Sheth T. J. Education Society's
Sheth N.K.T.T College of Commerce and
Sheth J.T.T College of Arts, (AUTONOMOUS). Thane (W)

Programme Name: **B.Sc. Interior Design**	**Semester: II**
Course Category: **Minor**	
Name of the Dept: **Science and Technology**	
Course Title**: Management for Creative Professionals-II**	
Course Code: **BFMC205**	Course Level: 4.5
Type: **Theory**	
Course Credit: 2 credits	
Hours Allotted: 30 Hours	
Marks Allotted: 50 Marks	

Course Objectives:

1. Explain the fundamentals of organizing, delegation, directing, coordination, and controlling.
2. Develop an understanding of managing creative teams and freelancers.
3. Introduce motivation and leadership concepts relevant to creative workplaces.
4. Build awareness of time management, stress management, and work–life balance.
5. Familiarize students with contemporary workplace issues including change, ethics, sustainability, and social responsibility.

Course Outcomes:

After the completion of the course, the learners would be able to:

CO 1: Interpret and differentiate organizing, delegation, directing, coordination, and controlling functions, and implement appropriate control techniques to manage quality, time, cost, and team performance in creative projects.

CO 2: Assess motivation theories, leadership styles, self-management practices, and contemporary workplace issues to design ethical, sustainable, and professionally effective work strategies.

Description of the course:	This course introduces students to the basics of organizing and leading creative teams. It covers essential management functions such as organizing, delegation, directing, coordination, and controlling, with specific reference to creative projects. The course also explores motivation, leadership, workplace effectiveness, and contemporary issues such as change management, ethics, sustainability, and social responsibility. Emphasis is placed on practical understanding required for working in creative and project-based environments.

Syllabus : NEP 2020 w.e.f from 2026-27

Unit No.	Content	Hours
I	**Organizing and leading creative teams** Organizing and delegation Meaning and importance of organizing Delegation of authority: meaning and importance Authority and responsibility relationship Directing and coordination Meaning and principles of directing Coordination as the essence of management Managing teams and freelancers Controlling Meaning of controlling and basic control techniques Control of quality, time, and cost in creative projects	15
II	**Leadership and workplace effectiveness** Motivation and leadership Concept of motivation and factors influencing motivation to work Leadership: meaning, styles, and qualities Managing work and self Time management: need and techniques Stress management: concept and simple measures Work–life balance for creative professionals Introduction to contemporary issues Managing change Ethical practices, sustainability, and social responsibility	15
	Total Hours	**30**

Books and References:

Management Principles and Practice, Agarwal, R. C. & Gupta, S., SBPD Publications, 2022.
Essentials of Management, Koontz, H. & Weihrich, H., 10th Edition, McGraw-Hill Education, New Delhi, 2010.
Principles of Management, Prasad, L. M., Sultan Chand & Sons, 2025.
Principles of Management, Tripathi, P. C. & Reddy, P. N., 7th Edition, Tata McGraw-Hill Education, New Delhi, 2021.
Organizational Behavior, Robbins, S. P. & Judge, T. A., 19th Edition, Pearson Education, New Delhi, 2024.

Sheth T. J. Education Society's
Sheth N.K.T.T College of Commerce and
Sheth J.T.T College of Arts, (AUTONOMOUS). Thane (W)

Programme Name: **B.Sc. Interior Design**	**Semester: II**
Course Category: **Open Elective 1 (OE 1)**	
Name of the Dept: **Science and Technology**	
Course Title**: Personality Development**	
Course Code: **BFPD206**	Course Level: 4.5
Type: **Theory**	
Course Credit: 2 credits	
Hours Allotted: 30 Hours	
Marks Allotted: 50 Marks	

Course Objectives:

1. Develop effective verbal, written, and non-verbal communication skills.
2. Enhance confidence through public speaking, self-presentation, and professional etiquette.
3. Apply time management and organisational strategies for academic and professional efficiency.
4. Prepare for industry environments through portfolio development, networking, and personal branding.

Course Outcomes:

After the completion of the course, the learners would be able to:

CO 1: Apply and integrate verbal, written, and non-verbal communication, active listening, emotional intelligence, and professional presentation skills to enhance interpersonal effectiveness and confidence.

CO 2: Evaluate and develop time-management strategies, portfolio and client-handling skills, networking approaches, and personal branding to achieve industry readiness and career growth.

Description of the course:	This course focuses on developing effective communication, confidence, and professional readiness essential for academic and industry success. It emphasizes verbal, written, and non-verbal communication, active listening, interpersonal skills, self-presentation, time management, industry preparedness, networking, and personal branding. Through practical activities and reflective learning, students enhance their professional competence, adaptability, and lifelong learning skills.

Syllabus : NEP 2020 w.e.f from 2026-27

Unit No.	Content	Hours
I	**Communication and confidence** Effective communication Verbal communication Written communication Non-verbal communication Active listening and interpersonal skills Active listening Empathy and emotional intelligence Interpersonal skills Confidence and self-presentation Public speaking Presenting one's work confidently Grooming and professional etiquette	15
II	**Professional readiness and industry skills** Time management and organization Prioritization and goal setting Planning and scheduling Stress management Industry-specific skills Portfolio building Client handling Adaptability and problem-solving Networking and personal branding Networking strategies for creative industries Building a creative identity & professional presence Continuous learning and career growth	15
	Total Hours	**30**

Books and References:

Leadership Is Language – L. David Marquet – 1st edition – 2020
Cues: Master the Secret Language of Charismatic Communication – Vanessa Van Edwards – 1st edition – 2022
Speak, Memorably – Bill McGowan (with Juliana Silva) – 1st edition – 2025
Crushing It! – Gary Vaynerchuk – 1st edition – 2018
Atomic Habits – James Clear – 1st edition – 2018

Sheth T. J. Education Society's
Sheth N.K.T.T College of Commerce and
Sheth J.T.T College of Arts, (AUTONOMOUS). Thane (W)

Programme Name: **B.Sc. Interior Design**	**Semester: II**
Course Category: **Open Elective 2 (OE 2)**	
Name of the Dept: **Science and Technology**	
Course Title**: Film, Space and Visual Expression**	
Course Code: **BFFS207**	Course Level: 4.5
Type: **Theory**	
Course Credit: 2 credits	
Hours Allotted: 30 Hours	
Marks Allotted: 50 Marks	

Course Objectives:

1. To introduce cinema as a visual medium of expression and meaning-making.
2. To develop understanding of film language and visual elements.
3. To build critical viewing and analytical skills in film studies.
4. To enhance awareness of contemporary cinema and digital media culture.

Course Outcomes:

After the completion of the course, the learners would be able to:

CO 1: Analyze cinema as a visual and spatial medium by interpreting framing, composition, light, colour, sound, and movement to understand how narrative and meaning are constructed through image and environment.

CO 2: Evaluate film styles and genres through structured viewing and scene analysis, and assess the influence of contemporary digital media on cinematic expression and audience engagement.

Description of the course:	This course introduces students to cinema as a form of visual expression that constructs meaning through space, time, movement, sound, and narrative. Moving beyond film as entertainment, the course trains students to observe how images, framing, environments, and spatial relationships shape emotions, ideas, and viewer perception. Through curated film screenings, scene analysis, discussions, and reflective writing, students develop visual literacy and critical viewing skills relevant to design, media, animation, architecture, communication, and cultural studies.

Syllabus : NEP 2020 w.e.f from 2026-27

Unit No.	Content	Hours
I	**Film, Space, and Visual Meaning** Cinema as Visual and Spatial Expression Introduce cinema as a visual medium that constructs meaning through space, time, movement, and sound. Visual Elements of Cinema Examine framing, composition, light, colour, sound, and movement as tools of visual expression in film. Narrative Through Space and Image Analyze how stories, characters, and themes are communicated through images, environments, and visual rhythm.	15
II	**Film Styles, Genres, and Critical Viewing** Film Styles and Genres as Visual Systems Understand major film genres and styles as structured visual and narrative forms. Guided Film Viewing and Scene Analysis Develop critical viewing skills through structured observation and discussion of selected films and scenes. Contemporary Cinema and Media Awareness Explore the impact of digital platforms and evolving media forms on cinematic expression and spectatorship.	15
	Total Hours	**30**

Books and References:

Bordwell, David & Thompson, Kristin. Film Art: An Introduction, 13th Edition. McGraw-Hill Education, 2023.
Corrigan, Timothy; White, Patricia; Mazaj, Meta. Critical Visions in Film Theory, 6th Edition. Bedford/St. Martin's, 2021.
Prince, Stephen. Movies and Meaning: An Introduction to Film, 6th Edition. Pearson, 2020.
King, Geoff. Indie 2.0: Film and Media in the Digital Age, 1st Edition. Palgrave Macmillan, 2022.

Sheth T. J. Education Society's
Sheth N.K.T.T College of Commerce and
Sheth J.T.T College of Arts, (AUTONOMOUS). Thane (W)

Programme Name: **B.Sc. Interior Design**	**Semester: II**
Course Category: **Vocational Skill Course (VSC)**	
Name of the Dept: **Science and Technology**	
Course Title**: Digital Interior Design - I**	
Course Code: **BIDDP208**	Course Level: 4.5
Type: **Practical**	
Course Credit: 2 credits`	
Hours Allotted: 60 Hours	
Marks Allotted: 50 Marks	
Course Objectives: 1. To familiarize students with the interface and basic configuration of vector-based CAD software. 2. To develop proficiency in creating and modifying precise two-dimensional drawings using digital tools. 3. To understand the use of layers, blocks, and attributes for organized and efficient drawings. 4. To prepare annotated, dimensioned, and print-ready drawings following professional standards.	
Course Outcomes: After the completion of the course, the learners would be able to: **CO1:** Develop accurate digital technical drawings using precision tools, editing commands, layer management, reusable components, annotations, and dimensioning standards. **CO2:** Organise, compose, and present structured drafting sheets with proper scale control, title blocks, and print-ready output formats.	
Description of the course:	This course introduces students to vector-based computer aided drawing systems used for creating accurate technical drawings and design documentation. The course focuses on understanding the interface, drawing and modification tools, layer management, annotation techniques, and preparation of print-ready layouts. Emphasis is placed on developing precision, organization, and professional drafting standards for design applications.

Sr No.	Content (List of Practicals)	Hours
1	**Interface familiarisation and workspace setup** Understand the digital drafting workspace, navigation methods, drawing units, scales, grids, and basic settings for efficient drafting.	
2	**Precision drawing of basic geometric forms** Create accurate lines and geometric shapes using controlled input methods and precision-based drafting techniques.	
3	**Editing and modification exercises** Modify, transform, and refine drawings using editing operations to achieve accuracy and clean geometry.	
4	**Layer creation and drawing organisation** Create and manage layers to organise drawings logically and control visibility, hierarchy, and drafting clarity.	
5	**Drawing hierarchy and layer control exercise** Apply layer properties such as colour, line type, and visibility to maintain structured and readable technical drawings.	
6	**Reusable drawing components** Create reusable drawing components for repetitive elements to improve drafting speed and consistency.	
7	**Information tagging using attributes** Apply attribute data to reusable components for consistent annotation and information management.	
8	**Text and annotation exercise** Apply text styles and annotation techniques suitable for technical drawings while maintaining clarity and readability.	
9	**Dimensioning and scale control** Apply accurate dimensions following drafting standards and manage scale relationships within drawings.	
10	**Title block, sheet composition, plotting and printing** Prepare a title block and arrange drawings on a sheet at an appropriate scale for presentation and export files in print-ready and digital formats.	
	Total Hours	**60**

Books and References:

AutoCAD 2025 for the Interior Designer by Dean Muccio - 15th Edition, 2024 (SDC Publications)
AutoCAD for Interior Design and Space Planning by Beverly Kirkpatrick and James Kirkpatrick - 3rd Edition, 2022 (Pearson Education)
AutoCAD For Dummies by Bill Fane - 19th Edition, 2024 (John Wiley & Sons)
Residential Design Using AutoCAD 2026 by Daniel John Stine - 1st Edition, 2025 (SDC Publications)

Sheth T. J. Education Society's
Sheth N.K.T.T College of Commerce and
Sheth J.T.T College of Arts, (AUTONOMOUS). Thane (W)

Programme Name: **B.Sc. Interior Design**	**Semester: II**
Course Category: **Skill Enhancement Course (SEC)**	
Name of the Dept: **Science and Technology**	
Course Title**: Surface Embellishment Techniques-I**	
Course Code: **BFSEP209**	Course Level: 4.5
Type: **Practical**	
Course Credit: 2 credits	
Hours Allotted: 60 Hours	
Marks Allotted: 50 Marks	

Course Objectives:

1. Apply basic surface techniques including painting, printing, and embroidery across diverse substrates.
2. Explore traditional and contemporary design styles ,developing visual literacy and creative interpretation.
3. Develop technical accuracy in hand and printing techniques for functional and decorative surfaces.
4. Build foundational skills for translating concepts into visual compositions.

Course Outcomes:

After the completion of the course, the learners would be able to:
CO 1: Apply understanding of fabric painting, surface design, and mural art, explore and analyze traditional motifs, color, texture, and layout in design compositions.
CO 2: Apply technical skills in printing and hand embroidery, evaluate pattern placement and surface coverage, and create functional and decorative textile products.

Description of the course:	This course introduces students to foundational surface design techniques . Students will explore fabric painting, traditional folk art, mural compositions, printing methods, and hand embroidery. The course emphasizes observation, experimentation, and practical execution to develop visually compelling and functional surface designs. Through guided practicals, students learn to translate design concepts into creative, aesthetically balanced, and technically accurate surface compositions.

Sr No.	Content (List of Practicals)	Hours
1	**Fabric painting art** Paint on different fabrics and surfaces using textile paints to explore color, texture, and design effects.	
2	**Indian folk art surface design** Create surface designs inspired by Madhubani, Warli, and Kalamkari, learning traditional motifs and patterns.	
3	**Mural art** Develop mural-style compositions through observation, research, and hands-on painting practice.	
4	**Mural art composition** Plan panel-based mural designs, considering scale, proportion, and layout.	
5	**Block printing art** Create simple block designs using ready-made blocks, exploring pattern repetition, alignment, and surface coverage techniques.	
6	**Stencil printing art** Apply stencil methods to create layered surface patterns, experimenting with color, spacing, and design variations.	
7	**Screen printing art** Practice basic screen printing techniques for multi-color designs, study to prepare screens, apply ink, and achieve clean prints on fabric.	
8	**Basic hand embroidery – stitches** Practice foundational hand embroidery stitches, including running, backstitch, and chain stitch, to develop precision and control on sampler fabrics.	
9	**Basic hand embroidery – motifs** Apply learned stitches to create simple decorative motifs, exploring pattern placement, scale, and surface coverage.	
10	**Embroidery on accessory** Apply embroidery on small functional items like pouches, cushion or fabric patches..	
	Total Hours	**60**

Books and References:

Surface Design for Fabric: Exploring Materials, Techniques, and Design – Brenda Mallory – 3rd Edition – Bloomsbury Visual Arts, 2021

The Complete Guide to Designing and Printing Fabric by Laurie Wisbrun, 1st Edition, Bloomsbury Publishing-2012

Hand & Machine Embroidery Techniques for Surface Design – Jan Beaney & Sheila Smith – 2nd Edition – Batsford, 2021

Hand Embroidery Dictionary — Christen Brown, 1st Edition, C&T Publishing, 2010

Screenprinting on Textiles: The Complete Guide — Sue Westergaard, 1st Edition, The Crowood Press Ltd, 2014

Designing and Painting Murals — Gary Myatt, 1st Edition, The Crowood Press Ltd, 2010

Sheth T. J. Education Society's
Sheth N.K.T.T College of Commerce and
Sheth J.T.T College of Arts, (AUTONOMOUS). Thane (W)

Programme Name: **B.Sc. Interior Design**	**Semester: II**
Course Category: **Ability Enhancement Course (AEC)**	
Name of the Dept: **Science and Technology**	
Course Title**: Business Communication-II**	
Course Code: **BFBC201**0	Course Level: 4.5
Type: **Theory**	
Course Credit: 2 credits	
Hours Allotted: 30 Hours	
Marks Allotted: 50 Marks	

Course Objectives:

1.To make learners familiar with the basics of business communication theory.
2. To make learners aware of digital communication for personal and business use.
3. To improve learners' understanding of verbal and non verbal communication.
4. To enable learners with effective business correspondence skills.

Course Outcomes:

After the completion of the course, the learners would be able to:
CO 1:.Develop professional communication skills including listening, interviews, group discussions, workplace communication, and business correspondence writing.
CO 2: Understand the role of Public Relations, crisis management, and the impact of digital technology on modern communication.

Description of the course:	Business communication is essential for organizational growth, stakeholder engagement, and image building. Rapid advancements in information technology have transformed the field, demanding proficiency in verbal, nonverbal, intentional, unintentional, in-person, and digital communication. Mastery of these dimensions prepares individuals to succeed as entrepreneurs, professionals, and leaders in today's competitive and connected business world.

Unit No.	Content	Hours
I	**Theory of Communication** Listening Importance of Listening Skills Barriers to Listening Cultivating Good Listening Skills Distinguishing between Hearing and Listening Interviews Group Discussion Preparing for an Interview Types of Interviews – Selection, Appraisal, Grievance, Exit, Online Public Relations Meaning of Public Relations (PR) Functions of the PR Department of an Organization External and Internal Measures of Promoting PR Crisis Management	15
II	**Communication at the Workplace** Channels of communication: Downward, Upward, Horizontal, Grapevine Methods of communication: Verbal and non-verbal Impact of digital Technology on Communication Internet-enabled communication; Email Social media: Facebook, Twitter, Instagram, WhatsApp Business Correspondence Letters of Complaints Claims Adjustments Sales Letters	15
	Total Hours	**30**

Books and References:

Ashley, A. A Handbook of Commercial Correspondence. New Delhi: Oxford University Press, 1992.
Aswalthapa, K. Organisational Behaviour. Mumbai: Himalaya Publications, 1991.
Balan, K.R. and Rayudu, C. S. Effective Communication. New Delhi: Beacon Books, 1996.
Bangh, L. Sue, Fryar, Maridell and Thomas David A. How to Write First Class Business Correspondence. N.T.C. Publishing Group USA, 1998.
Benjamin, James. Business and Professional Communication Concepts and Practices. New York: Harper Collins College Publishers, 1993.
Britt, Deborah. Improving Business Communication Skills. Kendall Hunt Publishing Co., 1992.
Bovee Courtland, L. and Thrill, John V. Business Communication Today. McGraw Hill, New York, Taxman Publication, 1989.

Sheth T. J. Education Society's
Sheth N.K.T.T College of Commerce and
Sheth J.T.T College of Arts (Autonomous), Thane (W)

Programme Name: **B.Sc. Interior Design**	**Semester:II**
Course Category: Value Education Course	
Name of the Department: **Science and Technology**	
Course Title: **Green Technology – II**	
Course Code: **BFES2011**	Course Level: 4.5
Type: Theory	
Course Credit: 2 credits	
Hours Allotted: 30 Hours	
Marks Allotted: 50 Marks	
Course Objectives: **1.** Understand issues and modern approaches of Green Computing and alternatives for cooling your data center and the need for making computer networks and communications energy efficient. **2.** Understand cloud computing in the context of environmental sustainability and various elements of clouds that contribute to total energy consumption	
Course Outcomes: **CO1**: Develop knowledge about the concept green IT standards and certifications related to sustainable IT products as well as Describe green IT in relation to technology. **CO2:** Evaluate IT use in relation to environmental perspectives and Formulate plans for reducing IT heating and cooling requirements as well as Implement Green IT in Real Life.	
Description the course:	The course introduces the learners to the concept of sustainable approach to IT resource management, focusing on minimizing environmental impact in the context of environmental concerns. The learners could upgrade their current understanding towards Green IT practices, reducing energy consumption and electronic waste, promoting efficient, cost-effective, and environmentally sustainable IT systems. Students would be able to explore new areas of IT professionals with expertise in Green IT. Introduction, relevance, Usefulness, Application, interest, connection with other courses, demand in the industry, job prospects etc.

Unit No.	Content	Hours
I	**Overview and Issues**: Problems: Toxins, Equipment Disposal, Company's Carbon Footprint: Measuring, Global Initiatives: United Nations, Basel Action Network, Basel Convention, North America: The United States, Canada, Australia, Europe, WEEE Directive, RoHS, National Adoption, Asia: Japan, China, Korea. **Minimizing Power Usage**: Power Problems, Monitoring Power Usage, Servers, Low-Cost Options, Power Consumption, Reducing Power Use, Data De-Duplication, Virtualization, Monitors, Power Supplies, Wireless Devices	15
II	**Cooling:** Cooling Costs, Power Cost, Causes of Cost, Calculating Cooling Needs, Reducing Cooling Costs, Economizers, On-Demand Cooling, HP's Solution, Optimizing Airflow, Hot Aisle/Cold Aisle, Raised Floors, Cable Management, Vapour Seal, Prevent Recirculation of Equipment Exhaust, Supply Air Directly to Heat Sources, Fans, Humidity, Adding Cooling, Fluid Considerations, System Design, Datacenter Design, Centralized Control, Design for Your Needs. **Green Networks and Communications:** Introduction, Objectives of Green Network Protocols, Green Network Protocols and Standards. **Green Cloud Computing and Environmental Sustainability:** Introduction, What is Cloud Computing? , Cloud Computing and Energy Usage Model: A Typical Example, Features of Clouds Enabling Green Computing, Green Cloud Architecture	15
	Total Hours	**30**

References:

1. Green IT Toby Velte, Anthony Velte, & Robert Elsenpete McGraw Hill 2008
2. Harnessing Green It Principles And Practices San Murugesan, G.R. Gangadharan WILEY
3. Green Computing Tools and Techniques for Saving Energy, Money and Resources Bud E. Smith CRC Press 2014

Sheth T. J. Education Society's
Sheth N.K.T.T College of Commerce and
Sheth J.T.T College of Arts, (AUTONOMOUS). Thane (W)

Programme Name: **B.Sc. Interior Design**	**Semester: II**
Course Category: Co-Curricular (CC)	
Name of the Dept: **Science and Technology**	
Course Title**: Fine Art / Visual Art/ Applied Art- I**	
Course Code: **BFFAP2012**	Course Level: 4.5
Type: **Practical**	
Course Credit: 2 credits	
Hours Allotted: 60 Hours	
Marks Allotted: 50 Marks	
Course Objectives: 1. To strengthen engagement with Fine and Visual Art activities 2. To develop compositional and observational abilities 3. To introduce Applied Art activities focused on visual communication 4. To promote sustained participation in creative practice	
Course Outcomes: After the completion of the course, the learners would be able to: **CO 1:** Apply compositional principles and observational skills in structured Fine and Visual Art activities to enhance aesthetic understanding and visual organization. **CO 2:** Develop and present functional visual responses through Applied Art tasks that demonstrate visual communication skills and sustained creative engagement.	
Description of the course:	This paper extends learner engagement through structured creative activities across Fine Art, Visual Art, and Applied Art. Emphasis is placed on visual organization, observation, and communication, enabling learners to explore both aesthetic expression and functional visual tasks.

Syllabus : NEP 2020 w.e.f from 2026-27

Sr. No.	Date	Name of the Event / Activity	Nature of Activity (e.g. visit, workshop, field observation, sketching, documentation; location & duration)
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

Scheme of Examination

Course with Credit	External Examination	Internal Examination	Total
Credit 2	**30 marks**	**20 marks**	**50 marks**

Internal assessment (20 Marks)		
No	**Type of assessment (Any two)**	**Marks (Any two)**
1	Class Test	10
2	Assignments	10
3	Presentation / Quiz / Case Study / Group Discussion / Any Other	10
		20 Marks

End semester theory exam (30 Marks)			
Exam Format			
Duration: 1 Hour			
Q. No.	**Module**	**Particulars**	**Marks**
Q.1.	MODULE 1 and MODULE 2	Answer the following questions 5 questions (2 marks each)	10
Q.2.	MODULE 1	Answer in Brief (Any 2 out of 3) a) b) c)	10
Q.3.	MODULE 2	Answer in Brief (Any 2 out of 3) a) b) c)	10
		Total	30 Marks

Structure for Class Test(For 10 Marks)

For 10 Marks	
Q1. Multiple Choice Questions **Q2. Answer in one or two sentences. (Any 2 out of 4)**	**4 Marks** **3 + 3 Marks**

Internal Continuous Assessment (20 Marks)		
No	**Continuous evaluation through:**	**Marks**
1	Continuous performance (10 practicals × 2 marks)	20
	Total	**20 Marks**

End Semester Practical Exam (30 Marks)		
Exam format		
Duration: 2 hours		
No	**Question**	**Marks**
1	Practical - (Slip task)	20
2	Viva	10
Note: Certified copy of portfolio is compulsory to appear for the practical examination.		
	Total	**30 Marks**