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

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Programme Name: **B.Sc. Interior Design**	**Semester: I**
Course Category: **Major**	
Name of the Dept: **Science and Technology**	
Course Title**: Building Materials and Market Survey - I**	
Course Code: **BIBM101**	Course Level: 4.5
Type: **Theory**	
Course Credit: 2 credits	
Hours Allotted: 30 Hours	
Marks Allotted: 50 Marks	

Course Objectives:

1. Understand the properties, performance, and suitability of building materials.
2. Gain knowledge of material manufacturing, processing, and application techniques.
3. Develop skills in market surveys, vendor interaction, and material cost analysis.
4. Build Proficiency in material selection based on functional, aesthetic, economic, and sustainability criteria.

Course Outcomes:

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

CO1: Understand and compare the properties, manufacturing processes, and applications of clay products, stones, cementitious materials, timber, wood products, and glass used in interior design.

CO2: Select appropriate materials for interior spaces based on performance, limitations, market availability, and suitability for design applications.

Description of the course:	This course equips students with essential knowledge to make informed material decisions in the built environment. It bridges theoretical understanding with real-world industry practices, enabling students to evaluate materials beyond aesthetics. Through market exposure and hands-on exploration, students develop awareness of cost, performance, and availability. The course strengthens professional judgment in material selection and specification. It prepares students to respond responsibly to functional, economic, and sustainability-driven design challenges.

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

Unit No.	Content	Hours
I	**Clay products and stones** Bricks, terracotta and ceramics Properties, manufacturing, types, applications, limitations, and market availability of bricks, terracotta, and ceramics in interior spaces. Stones Properties, processing methods, types, applications, advantages, drawbacks, and market relevance of stones used in interiors. Lime, cement, concrete, mortar, plasters and gypsum Properties, manufacturing, applications, PCC and RCC types, limitations, and market units of cementitious and finishing materials.	15
II	**Timber and glass** Timber Classify timber based on growth, properties, defects, applications, and market usage in interior design. Wood products Engineered wood products—plywood, blockboard, MDF, particle board, HDHMR, and WPC—based on application and market suitability. Glass and glass products Glass types, properties, manufacturing, treatments, applications, limitations, and market relevance 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 - 1st Edition, 2015 (McGraw Hill Education)
Civil Engineers' Practical Handbook by P.N.Khanna - 4th Edition, 1959 (Engineers' Publishers)
Materials of Construction by D.N.Ghosh - 4th Edition, 1989 (Tata McGraw-Hill)

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Programme Name: **B.Sc. Interior Design**	**Semester: I**
Course Category: **Major**	
Name of the Dept: **Science and Technology**	
Course Title**: Drawing and Graphics**	
Course Code: **BIDGP102**	Course Level: 4.5
Type: **Practical**	
Course Credit: 2 credits	
Hours Allotted: 60 Hours	
Marks Allotted: 50 Marks	

Course Objectives:

1. To develop basic drawing skills and graphical discipline through regular practice.
2. To understand standard symbols, abbreviations, scales, and units used in design drawings.
3. To introduce projection systems and solid geometry for accurate representation of forms.
4. To develop the ability to draw rooms, furniture, and perspectives for spatial understanding.

Course Outcomes:

After the completion of the course, the learners would be able to:
CO1: Develop accurate technical and pictorial drawings using standard drawing conventions, projections, scales, and perspective methods.
CO2: Visualize and represent interior spaces, furniture, and forms with correct proportion, spatial clarity, and graphical discipline.

Description of the course:	This course introduces students to the fundamentals of drawing and graphical representation used in design communication. It focuses on developing drawing accuracy, understanding standard symbols, scales, projections, and representational techniques. The course builds a foundation for technical and visual drawings required for design documentation and spatial visualization.

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

Sr No.	Content (List of Practicals)	Hours
1	**Drawing drill, line control and sheet discipline** Develop and practise line quality, geometric construction, sheet layout standards, and graphical discipline in technical drawings.	
2	**Measurement systems, units and scales** Understand and apply measurement systems, scale conversion, and preparation of scaled drawings for simple objects and forms.	
3	**Solid geometry and orthographic projections** Study and construct surface developments and orthographic projections to understand the true shape and size of solids.	
4	**Isometric, axonometric and auxiliary views** Analyse and construct isometric, axonometric, and auxiliary views to represent three-dimensional forms accurately.	
5	**Symbols, abbreviations and drawing conventions** Recognise and apply standard symbols, abbreviations, and conventions used in interior and building drawings.	
6	**Drawing furniture in pictorial views** Develop pictorial drawings of furniture to understand their exact dimensions and look.	
7	**Drawing rooms in pictorial views** Develop pictorial drawings of rooms with furniture to achieve spatial clarity and proportion in interior compositions.	
8	**One-point perspective drawing** Understand and construct one-point perspective drawings of interior spaces with controlled proportion and depth.	
9	**Two-point perspective drawing** Analyse and construct two-point perspective drawings of interiors and objects with accurate scale and convergence.	
10	**Combined interior perspective composition** Compose complete interior perspective drawings using light, shade, and depth to enhance spatial realism.	
	Total Hours	**60**

Books and References:

Engineering Drawing by N.D. Bhatt - 53rd Edition, 2014 (Charotar Publishing House)
Engineering Graphics by P.J. Shah - 1st Edition, 2014 (S. Chand Publishing)
Architectural Graphics by Francis D.K. Ching - 6th Edition, 2015 (John Wiley & Sons)
Design Drawing by Francis D.K. Ching and Steven Juroszek - 3rd Edition, 2019 (John Wiley & Sons)
Sketching for Architecture and Interior Design by Stephanie Travis - 2nd Edition, 2024 (Laurence King Publishing)

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Programme Name: **B.Sc. Interior Design**	**Semester: I**
Course Category: **Major**	
Name of the Dept: **Science and Technology**	
Course Title**: Fundamentals of Design and Space Planning**	
Course Code: **BIFDP103**	Course Level: 4.5
Type: **Practical**	
Course Credit: 2 credits	
Hours Allotted: 60 Hours	
Marks Allotted: 50 Marks	

Course Objectives:

1. To introduce interior design concepts through visual representation and drawing exercises.
2. To develop the ability to apply design elements and principles in interior compositions.
3. To build foundational skills in colour application and spatial understanding.
4. To enable students to create basic space planning and functional layout drawings.

Course Outcomes:

After the completion of the course, the learners would be able to:
CO1: Analyse and document interior spaces using design elements, principles, colour theory, ergonomics, and spatial studies.
CO2: Develop functional and concept-driven interior layouts through zoning, circulation planning, mood boards, and visual presentations.

Description of the course:	This course aims to introduce students to interior design through hands-on drawing and visual exercises. It focuses on developing an understanding of design elements, principles, colour application, and basic space planning by translating concepts into drawings, diagrams, and compositions essential for interior design practice.

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

Sr No.	Content (List of Practicals)	Hours
1	**Interior space observation and documentation** Document interior spaces through on-site sketching, photography, user-need diagrams, and identification of sustainable design practices.	
2	**Elements of design – visual and model exercises** Apply line, shape, form, space, texture, and pattern through drawing exercises, collage work, and basic model-making studies.	
3	**Principles of design – room layout exercises** Develop room layouts and furniture arrangements demonstrating balance, rhythm, emphasis, scale, and proportion.	
4	**Concept board – presentation** Prepare a digital concept board presentation, communicating colour palette, materials, and design intent.	
5	**Mood board – collage assignment** Create a physical or digital mood board collage to visualise textures, materials, patterns, and overall ambience of the project.	
6	**Colour theory and mixing exercises** Prepare colour wheels and mixing exercises to understand hue, value, and intensity.	
7	**Colour scheme application in interiors** Apply colour schemes to interior drawings to study spatial perception, mood, and ambience.	
8	**Human scale and ergonomic studies** Develop sketches and diagrams to understand human scale, basic ergonomics, and movement within interior spaces.	
9	**Circulation and zoning exercises** Prepare circulation paths and zoning diagrams using overlays and colour coding on simple layouts.	
10	**Functional layout and adjacency studies** Develop bubble diagrams and furniture layouts to analyse functional relationships and efficient space planning.	
	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)

Human Dimension and Interior Space by Julius Panero and Martin Zelnik - Digital Edition, 2014 (Watson-Guptill)

Beginnings of Interior Environment by Phyllis Sloan Allen - 5th Edition, 1985 (Macmillan Publishing Company)

Interior Design: Principles and Practice by M. Pratap Rao - 5th Edition, 2022 (Standard Publishers Distributors)

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Programme Name: **B.Sc. Interior Design**	**Semester: I**
Course Category: **Major**	
Name of the Dept: **Science and Technology**	
Course Title**: Building and Interior Construction - I**	
Course Code: **BIBCP104**	Course Level: 4.5
Type: **Practical**	
Course Credit: 2 credits`	
Hours Allotted: 60 Hours	
Marks Allotted: 50 Marks	

Course Objectives:

1. To introduce basic building components and construction sequence through wall section studies.
2. To develop an understanding of structural systems and foundation types used in buildings.
3. To familiarize students with brick and stone masonry construction techniques.
4. To understand the function and structural behavior of lintels and arches.

Course Outcomes:

After the completion of the course, the learners would be able to:
CO1: Understand and illustrate structural systems, foundations, masonry, and construction details through accurate sectional and enlarged drawings.
CO2: Interpret material layering, structural behaviour, and construction junctions to develop technically sound interior detailing solutions.

Description of the course:	This course provides fundamental knowledge of building construction practices and structural systems. The course focuses on understanding building components, load transfer mechanisms, and structural systems such as load bearing and framed structures. It also introduces masonry construction techniques, including stone and brick masonry, and the functional aspects of lintels and arches, with relevance to building design and interior applications.

Sr No.	Content (List of Practicals)	Hours
1	**Wall section drawing study** Develop detailed wall section drawings to identify substructure and superstructure elements, materials, finishes, and construction junctions.	
2	**Enlarged construction details** Prepare enlarged sectional details of walls to understand material layering, connections, and building levels.	
3	**RCC structural system drawing** Illustrate RCC framed structures showing columns, beams, slabs, and load paths through sectional drawings.	
4	**Load-bearing structural system drawing** Draw load-bearing wall structures with openings to understand structural behaviour and construction detailing.	
5 (a)	**Brick and mud foundation drawing** Draw sectional details of brick and mud foundations showing construction method and material composition.	
(b)	**Stone foundation drawing** Illustrate random rubble stone foundations highlighting bonding patterns, layers, and construction details.	
(c)	**RCC foundation drawing** Draw RCC foundations showing footing, column base, reinforcement concept, and structural detailing.	
6	**Brick masonry nomenclature and bonds** Illustrate brick masonry terminology and construct scaled drawings of standard brick bonds..	
7	**Brick bond model study** Develop scaled brick bond models to understand brick construction techniques and bonding systems.	
8	**Stone masonry drawing study** Illustrate types of stone masonry, tools, joints, and pointing methods using sections and elevations.	
9	**Lintel drawing study** Draw and identify different types of lintels used in building construction.	
10	**Arch construction drawing** Illustrate and label components of arches and draw different arch types showing structural behaviour.	
	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 B.C. Punmia, Ashok Kumar Jain, and Arun Kumar Jain - 12th Edition, 2025 (Laxmi Publications)
Textbook of Building Construction and Construction Materials by Atul Ramdas Kolhe, Vinesh Sukhadeo Thorat, et al. - 1st Edition, 2024 (Academic Guru Publishing House)
Building Construction and Construction Materials by Sagar R. Chavhan and Shruti S. Agarwal - 1st Edition, 2024 (Techknowledge Publications)
Civil Engineering Materials and Construction Practices by R.K. Rajput - 2nd Edition, 2024 (S. Chand Publishing)
Sustainable Construction Materials and Technologies in Indian Context by Various Editors - 1st Edition, 2025 (Springer Nature / India)

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Programme Name: **B.Sc. Interior Design**	**Semester: I**
Course Category: **Minor**	
Name of the Dept: **Science and Technology**	
Course Title**: Management for Creative Professionals-I**	
Course Code: **BFMC105**	Course Level: 4.5
Type: **Theory**	
Course Credit: 2 credits	
Hours Allotted: 30 Hours	
Marks Allotted: 50 Marks	

Course Objectives:

1.Provide a clear understanding of basic management concepts and functions.
2. Explain the role of management in creative industries and professional practice.
3. Develop awareness of managerial skills required for effective teamwork and coordination.
4. Introduce students to planning and goal-setting techniques for creative projects.
5. Enable students to understand decision-making processes in time- and budget-constrained creative environments.

Course Outcomes:

After the completion of the course, the learners would be able to:
CO 1: Explain and analyze fundamental management concepts, managerial functions, POSDCORB, and classical theories, and apply managerial skills within creative industry contexts.
CO 2: Examine and evaluate planning processes, MBO, and decision-making techniques to formulate effective and resource-efficient strategies in professional settings.

Description of the course:	This course introduces students to the basic principles of management. It familiarizes learners with fundamental management concepts, planning methods, and decision-making processes required to manage creative projects, teams, and professional work environments. The course emphasizes practical understanding through simple examples and applications relevant to creative practice.

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

Unit No.	Content	Hours
I	**Understanding management** Basics of management Meaning and importance of management Importance of management in creative industries Functions and levels of management Manager and managerial skills Essential managerial skills: communication, coordination, leadership Introduction to POSDCORB Role of manager in creative teams Early management approaches:An overview Scientific management – F.W. Taylor Classical management – Henri Fayol	15
II	**Planning and decision making** Planning Meaning ,importance and limitations of planning Steps in planning Management by objectives (MBO) Goal setting MBO process Decision making Meaning and steps Basic decision-making techniques Creative decision making under time and budget constraints	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.

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Programme Name: **B.Sc. Interior Design**	**Semester: I**
Course Category: **Open Elective 1 (OE 1)**	
Name of the Dept: **Science and Technology**	
Course Title**: Basics of ICT and Digital Literacy**	
Course Code: **BFIDP106**	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 basic computer systems, operating environments, and digital tools.
2. To develop proficiency in using productivity software for academic documentation and communication.
3. To enhance students' ability to access, evaluate, and use digital information effectively.
4. To promote safe, ethical, and responsible use of digital technologies and online platforms.

Course Outcomes:

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

CO 1: Classify computer hardware components, operate and customize operating systems, organize digital files, and create structured documents, spreadsheets, and presentations to demonstrate effective digital workflow management.

CO 2: Evaluate online information, construct digital forms, analyze data responses, collaborate using cloud-based platforms, and implement ethical and secure digital practices in academic and professional contexts.

Description of the course:	This course introduces students to essential digital tools and technologies required for academic work and everyday digital engagement. It focuses on building foundational competence in computer systems, productivity software, internet usage, online collaboration, data handling, and digital citizenship. Through studio-based learning activities, students develop practical digital skills, ethical awareness, and responsible technology use essential for higher education and creative media contexts.

Sr No.	Content (List of Practicals)	Hours
1	**Explore Computer hardware and digital systems** Identify and classify computer hardware components and examine their functions in academic and creative use.	
2	**Navigate operating systems** Navigate and customize operating system environments to perform basic system management tasks efficiently.	
3	**Organize digital files** Create and maintain an organized digital file system using standard naming, storage, and backup practices.	
4	**Create documents** Produce a properly formatted academic document incorporating text, images, tables, and citations.	
5	**Analyze data sheets** Enter, analyze, and visualize data using basic spreadsheet functions and charts.	
6	**Develop presentations** Design a structured digital presentation applying visual hierarchy and consistency for effective communication.	
7	**Evaluate online sources** Assess the credibility and reliability of online information and compile verified digital references.	
8	**Collaborate digitally** Demonstrate professional digital communication and collaborative document sharing using cloud-based tools.	
9	**Construct online forms** Create an online form and analyze collected responses using digital workflow tools.	
10	**Apply digital ethics** Apply ethical, secure, and responsible practices while using digital tools, platforms, and emerging technologies.	
	Total Hours	**60**

Books and References:

Digital Literacy for Dummies – Faithe Wempen, 3rd Edition, Wiley, 2022.
Computing Essentials – Timothy O'Leary, Linda O'Leary, Daniel O'Leary, 29th Edition, McGraw-Hill Education, 2023.
Microsoft Office 365 & Office 2021 Step by Step – Joan Lambert, Microsoft Press, 2022.
Information Technology for Management – Efraim Turban, Linda Volonino, Gregory Wood, 12th Edition, Wiley, 2023.
Cybersecurity and Cyberwar: What Everyone Needs to Know – P. W. Singer & Allan Friedman, 2nd Edition, Oxford University Press, 2019.

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Programme Name: **B.Sc. Interior Design**	**Semester: I**
Course Category: **Open Elective 2 (OE 2)**	
Name of the Dept: **Science and Technology**	
Course Title**: Photography and Visual Culture**	
Course Code: **BFPV107**	Course Level: 4.5
Type: **Theory**	
Course Credit: 2 credits	
Hours Allotted: 30 Hours	
Marks Allotted: 50 Marks	
Course Objectives: 1. Understand the basic development and purpose of photography. 2. Recognize photography as a form of visual communication. 3. Identify how images influence culture, media, and society. 4. Develop basic skills in observing and interpreting visual images.	
Course Outcomes: After the completion of the course, the learners would be able to: **CO 1:** Explain and analyze the historical development, basic image-making methods, and social functions of photography to interpret its role as a medium of visual documentation and expression. **CO 2:** Evaluate the role of photography in media, communication, and digital culture, and apply visual understanding to assess its contemporary relevance in social, educational, and creative contexts.	
Description of the course:	This course introduces students to the basics of photography and its role in visual culture. Students will explore how photographs are created, shared, and understood in everyday life, media, and society. The course focuses on developing visual awareness, critical observation, and basic understanding of images without requiring prior technical knowledge.

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

Unit No.	Content	Hours
I	**Foundations of photography and visual culture** Introduction to photography Early image-making tools First photographs Purpose of photography Basics of image creation Simple photography methods Basic visual elements Photography and society Photography for records and memory Photography as visual expression Photography in daily life	15
II	**Photography in the modern world** Photography as communication Photography in news and information Photography as creative expression Photography in media and culture Photography in advertising and popular culture Photography in education and social awareness Digital photography and visual culture today From film to digital Photography on social media Changing role of photographers and image users	15
	Total Hours	**30**

Books and References:

History and Theory of Photography, Elkins, James, New York: Routledge, 2002.
A Brief History of Photography, David S. Young, RockyNook, 1st Edition, 2024

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Programme Name: **B.Sc. Interior Design**	**Semester: I**
Course Category: **Skill Enhancement Course (SEC)**	
Name of the Dept: **Science and Technology**	
Course Title**: Material Exploration and Model Making**	
Course Code: **BIMEP108**	Course Level: 4.5
Type: **Practical**	
Course Credit: 2 credits`	
Hours Allotted: 60 Hours	
Marks Allotted: 50 Marks	
Course Objectives: 1. To introduce students to material properties, tools, and safe model-making practices. 2. To develop hands-on skills in constructing 3D forms using varied materials. 3. To encourage experimentation, iteration, and creative problem-solving. 4. To enable students to communicate concepts, narratives, and spatial ideas through models.	
Course Outcomes: After the completion of the course, the learners would be able to: **CO1:** Demonstrate proficiency in model-making techniques by selecting appropriate materials, tools, and construction methods to create accurate, stable, and well-finished three-dimensional models. **CO2:** Develop spatial understanding and design communication skills by constructing scaled architectural and narrative models through iterative prototyping, material exploration, and structured presentation.	
Description of the course:	This course focuses on hands-on exploration of materials and model-making techniques used in visual communication, animation, design, and pre-production processes. Students experiment with a variety of materials such as paper, card, foam, clay, wire, wood, and find objects to understand structure, form, texture, scale, and spatial relationships. Through guided studio exercises, prototyping, and creative projects, students develop material intelligence, craftsmanship, and the ability to translate ideas into three-dimensional forms.

Sr No.	Content (List of Practicals)	Hours
1	**Introduction to model making and material awareness** Explore model making across disciplines and identify materials through hands-on observation.	
2	**Tool identification, safety and handling** Use basic model-making tools safely while practicing precision and workspace organization.	
3	**Measuring, cutting and assembly techniques** Measure, cut, assemble, and finish materials with accuracy and durability.	
4	**Paper and card construction techniques** Construct stable three-dimensional forms using paper and card techniques.	
5	**Foam shaping and volume construction** Shape foam to build volumes while evaluating stability and proportion.	
6	**Wire armature and structural support** Model and refine forms in clay using additive and subtractive methods.	
7	**Clay modelling and form development** Model and refine forms in clay using additive and subtractive methods.	
8	**Mixed-media model construction** Combine multiple materials to create detailed and structurally resolved models.	
9	**Spatial, architectural and narrative models** Create scaled spatial models to communicate form, mood, and narrative.	
10	**Prototyping, iteration and model presentation.** Develop prototypes, refine through critique, and present final models clearly.	
	Total Hours	**60**

Books and References:

Making It: Manufacturing Techniques for Product Design by Ruth Slavid – 1st Edition, 2011 (Thames and Hudson)
Design Thinking by Nigel Cross – 1st Edition, 2011 (Berg)
A Burglar's Guide to the City by Geoff Manaugh – 1st Edition, 2016 (Farrar, Straus and Giroux)
Prototyping: A Practitioner's Guide by Leonardo Bonanni – 1st Edition, 2014 (O'Reilly)
How Designers Think: The Design Process Demystified by Bryan Lawson – 5th Edition, 2021 (Routledge)
Digital Fabrications: Architectural and Material Techniques by Lisa Iwamoto – Revised Edition, 2020 (Princeton Architectural Press)
Materials and Design: The Art and Science of Material Selection in Product Design by Michael F. Ashby & Kara Johnson – 3rd Edition, 2022 (Butterworth-Heinemann)
Model Making: Materials and Methods by Allen White – 2nd Edition, 2018 (Laurence King)
The Modelmaker's Handbook by Robert and Tom Gowan – 1st Edition, 2009 (Thames and Hudson)
The Craft of Model Making by Jerry Glaser – 1st Edition, 2005 (Chronicle Books)

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Programme Name: **B.Sc. Interior Design**	**Semester: I**
Course Category: **Ability Enhancement Course (AEC)**	
Name of the Dept: **Science and Technology**	
Course Title**: Business Communication-I**	
Course Code: **BFBC109**	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: Students will understand the fundamentals, objectives, and barriers of communication in personal and business contexts.
CO 2: Students will develop professional written communication skills through drafting business letters and emails effectively.

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.

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

Unit No.	Content	Hours
I	Concept of Communication Definition and meaning of communication Process of communication Need of communication Feedback Objectives of Communication Information, Education and Training, Motivation, Persuasion, Raising ,Morale, Order and Instruction, Warning, Advice and Counselling Barriers to Communication and How to Overcome Them Physical Barriers Semantic/Language Barriers Socio-Cultural Barriers Psychological Barriers	15
II	**Business Correspondence** Business Letter Format Parts of a business letter Layouts of a business letter Job application with bio-data letter of appointment letter of appreciation letter of resignation Emails: Job application via email writing and responding to official emails	15
	Total Hours	**30**

Books and References:

Ashley, A. A Handbook of Commercial Correspondence. New Delhi: Oxford University Press, 1992.2.
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.
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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: I**
Course Category: Value Education Course	
Name of the Dept: **Science and Technology**	
Course Title: **Green Technology-I**	
Course Code: **BFES1010**	Course Level: 4.5
Type: Theory	
Course Credit: 2 credits	
Hours Allotted: 30 Hours	
Marks Allotted: 50 Marks	
Course Objectives: 1. Understand the concept of Green IT and impact of sustainability of computing applications, regulatory, non-regulatory and other influences affecting business. 2. Understand Key sustainability challenges associated with data centers and strategies to make them more environmentally sustainable with in-depth coverage of energy-efficient storage technologies and data storage systems.	
Course Outcomes: CO1. The learner studies emerging green IT regulations, energy management techniques, laws, standards and regulations related to Green IT. CO2. Develop knowledge about green data storage and data centers and how the choice of hardware and software can facilitate a more sustainable operation.	
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.

Unit No.	Content	Hours
I	**Green IT An Overview** •Introduction, Environmental Concerns and Sustainable Development, Environmental Impacts of IT, Green IT, Applying IT for Enhancing Environmental Sustainability, Green IT Standards and Eco-Labelling of IT. •**Green Devices and Hardware**: Introduction, Life Cycle of a Device or Hardware, Reuse, Recycle and Dispose, Green Software, Energy-Saving Software Techniques, •**Sustainable Software Development**: Introduction, Current Practices, Sustainable Software, Software Sustainability Attributes and Metrics Sustainable Software Methodology •**Regulating Green IT:** Laws, Standards and Protocols: Introduction, Introduction, Nonregulatory Government Initiatives, Industry Associations and Standards Bodies, Green Building Standards, Green Data Centers, Social Movements and Greenpeace	
II	•**Green Data Storage**: Introduction, Storage Media Power Characteristics, Energy Management Techniques for Hard Disks, System-Level Energy Management. Green Data Centres : Data Centers and Associated Energy Challenges, Data Centre IT Infrastructure, Data Centre Facility Infrastructure: Implications for Energy Efficiency, IT Infrastructure Management, Green Data Centre Metrics	
	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 Data Center: Steps for the Journey Alvin Galea, Michael Schaefer, Mike Ebbers Shroff Publishers And Distributors 2011

4. Green Computing and Green IT Best Practice Jason Harris Emereo

5. Green Computing Tools and Techniques for Saving Energy, Money and Resources Bud E. Smith CRC Press 2014

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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: I**
Course Category: **Indian Knowledge System (IKS)**	
Name of the Dept: **Science and Technology**	
Course Title**: Ancient Indian Art and Culture**	
Course Code: **BFAI1011**	Course Level: 4.5
Type: **Theory**	
Course Credit: 2 credits	
Hours Allotted: 30 Hours	
Marks Allotted: 50 Marks	

Course Objectives:

1. To introduce the foundational concepts of Indian Knowledge Systems and their cultural philosophy.
2. To develop an understanding of Indian aesthetic theories and visual language in art and design.
3. To familiarize students with traditional Indian art forms, materials, and sustainable practices.
4. To enable application of Indian cultural principles in contemporary design thinking and creative practices.

Course Outcomes:

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

CO 1: Critically analyze Indian Knowledge Systems, aesthetic theories, and traditional art practices to interpret their philosophical frameworks, symbolic structures, material traditions, and relevance to contemporary creative discourse.

CO 2: Assess and synthesize principles of Indian architecture, textile and ornamentation traditions, and visual narrative forms to formulate culturally informed and sustainable design applications in modern creative practice.

Description of the course:	This course introduces learners to the philosophical foundations, artistic traditions, and aesthetic principles of Ancient Indian Knowledge Systems (IKS) with relevance to contemporary design practices. It explores Indian worldview concepts, classical aesthetic theories, traditional art forms, architecture, textiles, and visual narratives, enabling students to understand and reinterpret India's cultural heritage within modern creative and design contexts.

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

Unit No.	Content	Hours
I	**Foundations of ancient Indian art and aesthetic thought** Indian knowledge systems and cultural philosophy Concept and scope of Indian knowledge systems Indian worldview: Dharma, Karma, Rta, and Purusharthas Oral traditions: Vedas, Itihasa, Puranas as cultural knowledge Relevance of IKS in contemporary creative disciplines Indian aesthetic theory and visual language Rasa theory – emotional aesthetics and creative expression Bhava, Abhinaya, and symbolism in visual arts Comparative understanding of Indian and western aesthetics Traditional Indian art forms and material culture Folk and classical arts: Madhubani, Warli, Kalamkari, Pattachitra Sculpture and temple arts: symbolism and iconography Traditional materials, pigments, and craft techniques Sustainability and ecological wisdom in traditional arts	15
II	**Applied Indian art and cultural practices in contemporary design** Indian architecture, space and design thinking Ancient Indian architecture: Vastu Shastra principles Temple architecture: spatial symbolism and geometry Domestic spaces and community planning in ancient India Adaptation of traditional spatial principles in modern interiors Costume, textiles and ornamentation traditions Evolution of Indian costumes and draping styles Textile traditions: weaving, dyeing, embroidery practices Jewelry, adornment, and symbolic aesthetics Cultural identity and sustainability in Indian fashion Visual narratives, media and digital adaptations Indian storytelling traditions: murals, scroll paintings, manuscripts Epics, folklore, and symbolism in visual narratives Indian aesthetics in photography, animation, and cinema Digital reinterpretation of Indian art forms	15
	Total Hours	**30**

Books and References:

The Dance of Shiva: Essays on Indian Art and Culture – Ananda K. Coomaraswamy – Reprint Edition, 2016
Indian Classical Dance – Kapila Vatsyayan – Reprint Edition, 2018
Nāṭyaśāstra – Bharata Muni (Translated by Manomohan Ghosh) – 2015 Edition
Rasa Theory and Indian Aesthetics, Radhavallabh Tripathi, 1st Edition, 2021, Sahitya Akademi.
The Hindu Temple – Stella Kramrisch – Reprint Edition, 2017
The Culture and Art of India – Radhakamal Mukerjee – Reprint Edition, 2019
Indian Art and Culture, Nitin Singhania, 5th Edition, 2023, McGraw Hill Education.
Traditional Indian Art and Craft, Kamaladevi Chattopadhyay, Reprint Edition, 2020, NBT India.

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Programme Name: **B.Sc. Interior Design**	**Semester: I**
Course Category: **Co-Curricular (CC)**	
Name of the Dept: **Science and Technology**	
Course Title**: Fine Art / Visual Art/ Applied Art- I**	
Course Code: **BFFAP1012**	Course Level: 4.5
Type: **Practical**	
Course Credit: 2 credits	
Hours Allotted: 60 Hours	
Marks Allotted: 50 Marks	
Course Objectives: 1. To initiate learners into expressive and observational art activities 2. To develop basic visual awareness through Fine and Visual Art engagement 3. To encourage participation in simple Applied Art tasks 4. To build confidence in creative exploration	
Course Outcomes: After the completion of the course, the learners would be able to: **CO 1:** Demonstrate foundational understanding of Fine Art, Visual Art, and Applied Art through active participation in expressive and observational activities, reflecting basic visual awareness and creative processes. **CO 2:** Create simple art-based responses using observational and expressive approaches to exhibit confidence, visual sensitivity, and engagement with basic applied art practices.	
Description of the course:	This paper introduces learners to Fine Art, Visual Art, and Applied Art through basic, activity-based creative engagements. The paper emphasizes expressive and observational activities that build visual awareness and familiarity with art processes. Learning is experiential and participation-oriented, without formal studio instruction.

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**

Practical Course-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**