

SCHOOL OF ENGINEERING AND TECHNOLOGY (UIET)

CHHATRAPATI SHAHU JI MAHARAJ UNIVERSITY, KANPUR – 208024

MINUTES OF MEETING

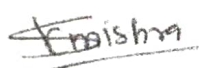
A meeting of the **Board of Studies** of the **Department of Interior Design, Vocational Studies, School of Engineering & Technology** was held in hybrid mode (<https://meet.google.com/eyv-cdbn-nxr?authuser=0&hl=en>) on June 18th, 2026 at 10:30 AM. The undersigned members were present in the meeting. The purpose of the meeting was to finalize the syllabus for the B.VOC Interior design Programme, set to begin in the 2026-27 academic session.

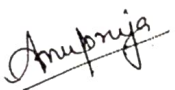
The committee members approved the proposed syllabus with the following comments:

- I. Increase practical and workshop-based learning in the vocational programme.
- II. Focus on practical knowledge, technical skills, and workplace readiness.
With Strengthening of Construction Yard, Metal Workshop, and Carpentry Lab training.
- III. Introduce additional hands-on and skill-based activities along with incorporation of AI-compatible high-performance workstations.
- IV. Consider introducing a lateral entry system, if possible, as per university regulations.
- V. Focus on practical knowledge, technical skills, and workplace readiness rather than theoretical.
- VI. The syllabus should clearly outline the marking scheme for internal and external examinations, for both theory and practical subjects.

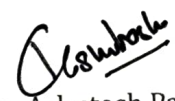

Prof. (Ar.) Rajeev Kacker
Professor (Rtd.)
Faculty of Architecture &
Planning, AKTU, Lucknow
(External)


Ar. Neeraj Gupta Sir
Professor
Bundelkhand University
Jhansi
(External)


Ar. Sandeep Kumar Mishra
Associate Professor
Bundelkhand University
Jhansi
(External)


Ar. Anupriya Pathak
Senior Architect
Design Forum International
(DFI), New Delhi
(External)


Dr. Alok Kumar
Director
School of Engineering &
Technology Department
C.S.J.M.U (Internal)


Ar. Ashutosh Pathak
Head of Department
Bachelor of Vocation
C.S.J.M.U
(Internal)


Ar. Prashant Singh
Assistant Professor
Bachelor of Vocation
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Ar. Neha Mishra
Assistant Professor
Bachelor of Vocation
C.S.J.M.U (Internal)

**CHHATRAPATI SHAHU JI MAHARAJ UNIVERSITY,
KANPUR**



**SYLLABUS
B.VOC. INTERIOR DESIGN**

**DEPARTMENT OF VOCATIONAL STUDIES
SCHOOL OF ENGINEERING & TECHNOLOGY**

(For Batch 2026 Onwards)

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EVALUATION SCHEME

SEMESTER I

Paper Code	Paper	External	Internal	Practical Internal	Practical I	Total	Credits	Compulsory/ Optional
	THEORY PAPERS							
DID-1001N	Fundamental of Computers	75	25			100	3	Compulsory
DID-1002N	Communication Skills	75	25			100	3	Compulsory
DID-1003N	History of Interior Furniture- I	75	25			100	3	Compulsory
	PRACTICAL / VIVA-VOCE / STUDIO							
DID-1004N	Basic Design Principles	40	60			100	4	Compulsory
DID-1005N	Art and Interior Graphics - I	40	60			100	4	Compulsory
DID-1006N	Furniture Design Workshop- I	40	60			100	3	Compulsory
DID-1007N	Textile and Accessories			30	20	50	2	Compulsory
	OPEN ELECTIVE - I (Select any one)							
DID-1008AN	Workshop (Wood & Metal)			30	20	50	2	Optional
DID-1008BN	Trade Enquiry (Market Survey)			30	20	50	2	Optional
	TOTAL					700	24	

SEMESTER-II

Paper Code	Paper	External	Internal	Practical Internal	Practical	Total	Credits	Compulsory/ Optional
	THEORY PAPERS							
DID-2001N	Environmental Science	75	25			100	3	Compulsory
DID-2002N	Universal Human Values & Professional Ethics	75	25			100	3	Compulsory
DID-2003N	History of Interior Design - II	75	25			100	3	Compulsory
	PRACTICAL / VIVA-VOCE / STUDIO							
DID-2004N	Interior Materials & Construction Tech. - I	40	60			100	3	Compulsory
DID-2005N	Art and Interior Graphics - II	40	60			100	3	Compulsory
DID-2006N	Furniture Design Workshop - II	40	60			100	3	Compulsory
DID-2007N	Interior Design			30	20	50	3	Compulsory
DID-2008N	Display Design			30	20	50	3	Compulsory
	TOTAL					700	24	

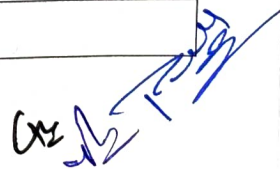
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SEMESTER -III

Paper Code	Paper	External	Internal	Practical Internal	Practical	Total	Credits	Compulsory/Optional
	THEORY PAPERS							
DID-3001 N	Business Management	75	25			100	2	Compulsory
	PRACTICAL / VIVA-VOCE / STUDIO							
DID-3002 N	Interior Materials and Construction Technique -II	40	60			100	4	Compulsory
DID-3003 N	Interior Design & Landscape - I	40	60			100	4	Compulsory
DID-3004 N	Interior Services - I	40	60			100	4	Compulsory
DID-3005 N	AutoCAD – I			30	20	50	3	Compulsory
DID-3006 N	Interior Project - I	60	40			100	4	Compulsory
DID-3007 N	Working Drawing			30	20	50	3	Compulsory
	TOTAL					600	24	

SEMESTER-IV

Paper Code	Paper	External	Internal	Practical Internal	Practical	Total	Credits	Compulsory/ Optional
	THEORY PAPERS							
DID-4001 N	Life Skills	75	25			100	2	Compulsory
	PRACTICAL / VIVA-VOCE / STUDIO							
DID-4002 N	Interior Materials and Construction Technique - III	40	60			100	3	Compulsory
DID-4003 N	Professional Practice						3	Compulsory
DID-4004 N	Interior Design & Landscape - II	40	60			100	3	Compulsory
DID-4005 N	Interior Services -II	40	60			100	3	Compulsory
DID-4006 N	AutoCAD - II			30	20	50	3	Compulsory
DID-4007 N	Visual Merchandising-I			30	20	50	3	Compulsory
DID-4008 N	Interior Project-II(Minor)	40	60			100	4	Compulsory
	TOTAL					700	24	



SEMESTER-V

Paper Code	Paper	External	Internal	Practical Internal	Practical	Total	Credits	Compulsory/Optional
THEORY PAPERS								
DID - 5001 N	Technical English M	75	25			100	2	Compulsory
DID - 5002 N	Entrepreneurship & project management	75	25			100	3	Compulsory
PRACTICAL / VIVA-VOCE / STUDIO								
DID-5003 N	Exhibition Portfolio & Presentation skills			30	20	50	3	Compulsory
DID-5004 N	Product Design	60	40			100	4	Compulsory
DID-5005 N	Interior Project-III (Major Project)	60	40			100	6	Compulsory
DID-5006 N	Visual Merchandising-II	60	40			100	4	Compulsory
OPEN ELECTIVE – III (Select any one)								
DID-5007A N	NSS			30	20	50	2	Optional
DID-5007B N	Sports			30	20	50	2	Optional
DID-5007C N	ECO Club			30	20	50	2	Optional
	TOTAL					600	24	

SEMESTER-VI

Paper Code	Paper	External	Internal	Practical Internal	Practical	Total	Credits	Compulsory Optional
PRACTICAL / VIVA-VOCE / STUDIO								
DID-6001 N	Interior Professional practice & Internship	300	400			700	30	Compulsory
	TOTAL					700		



Semester-wise Course Structure

1st year- 1st semester

Paper Code	Paper	L	T	P	Credits	Compulsory/Optional
THEORY SUBJECTS						
DID-1001N	Fundamentals of Computers	2	1	0	3	Compulsory
DID-1002N	Communication Skills	2	1	0	3	Compulsory
DID-1003N	History of Interior Furniture	2	1	0	3	Compulsory
PRACTICAL SUBJECTS						
DID-1004N	Basic Design Principles	1	0	6	4	
DID-1005N	Art and Interior Graphics - I	1	0	6	4	Compulsory
DID-1006N	Furniture Design Workshop I	1	0	4	3	Compulsory
DID-1007N	Textile & Accessories	2	0	0	2	Compulsory
OPEN ELECTIVE-I (SELECT ANY ONE)						
DID-1008AN	Workshop (wood & metal)	0	2	0	2	Compulsory
DID1008BN	Trade Enquiry (Market survey)	0	2	0	2	Compulsory
	TOTAL				24	

1st Year – 2nd semester

Paper Code	Paper	L	T	P	Credits	Compulsory/Optional
THEORY SUBJECTS						
DID-2001N	Environmental Science	3	0	0	3	Compulsory
DID-2002N	Universal Human Values & Professional Ethics	3	0	0	3	Compulsory
DID-2003N	History of Interior Design-II	3	0	0	3	Compulsory
PRACTICAL /VIV-VOCE/STUDIO						
DID-2004N	Interior Materials and Construction Tech. - I	1	0	4	3	
DID-2005N	Art and Interior Graphics - II	1	0	4	3	Compulsory
DID-2006N	Furniture Design Workshop	2	0	2	3	Compulsory
DID-2007N	Interior Design	1	0	4	3	Compulsory
DID-2008N	Display Design	1	0	4	3	Compulsory
	TOTAL				24	



2ND YEAR-3RD SEMESTER

PAPER CODE	Paper	L	T	P	Credits	Compulsory/Optional
THEORY SUBJECTS						
DID-3001 N	Business Management	2	0	0	2	Compulsory
PRACTICAL SUBJECTS						
DID-3002 N	Interior Materials and Construction Technique -II	2	0	4	4	Compulsory
DID-3003 N	Interior Design & Landscape - I	2	0	4	4	Compulsory
DID-3004 N	Interior Services - I	2	0	4	4	Compulsory
DID-3005 N	AutoCAD – I	1	0	4	3	Compulsory
DID-3006 N	Interior Project - I	0	1	6	4	Compulsory
DID-3007 N	Working Drawing	0	1	4	3	Compulsory
	TOTAL				24	

2nd Year – 4TH SEMESTER

Paper Code	Paper	L	T	P	Credits	Compulsory/Optional
THEORY SUBJECTS						
DID-4001 N	Life Skills	2	0	0	2	Compulsory
PRACTICAL SUBJECTS						
DID-4002 N	Interior Materials and Construction Technique - III	1	0	4	3	Compulsory
DID-4003 N	Professional Practice	3	0	0	3	Compulsory
DID-4004 N	Interior Design & Landscape - II	1	0	4	3	Compulsory
DID-4005 N	Interior Services -II	2	0	2	3	Compulsory
DID-4006 N	AutoCAD - II	1	0	4	3	Compulsory
DID-4007 N	Visual Merchandising-I	0	1	4	3	Compulsory
DID-4008 N	Interior Project- II(Minor)	0	1	6	4	Compulsory
	TOTAL				24	



3rd Year - Semester V

Sl. No.	Course Code	Course Title	L	T	P	Credits	Compulsory/Optional
THEORY PAPERS							
1.	DID - 5001 N	Technical English	2	0	0	2	Compulsory
2.	DID - 5002 N	Entrepreneurship & project management	2	1	0	3	Compulsory
PRACTICAL / VIVA-VOCE / STUDIO							
3.	DID-5003 N	Exhibition Portfolio & Presentation skills	1	0	4	3	Compulsory
4.	DID-5004 N	Product Design	1	1	4	4	Compulsory
5.	DID-5005 N	Interior Project-III (Major Project)	2	2	4	6	Compulsory
6.	DID-5006 N	Visual Merchandising-II	1	1	4	4	Compulsory
ELECTIVE							
8.	DID-5007A N	NSS	0	0	0	2	Optional
9.	DID-5007B N	Sports	0	0	0	2	Optional
10.	DID-5007C N	ECO Club	0	0	0	2	Optional
		Total				24	

3RD YEAR- 6TH SEMESTER EXAMINATION

Paper Code	Paper	External	Internal	Practical Internal	Practical	Total	Credits	Compulsory/Optional
PRACTICAL / VIVA-VOCE / STUDIO								
DID-6001 N	Interior Professional practice & Internship	300	400			700	30	Compulsory
	TOTAL					700		




UNIVERSITY INSTITUTE OF ENGINEERING & TECHNOLOGY

SCHOOL OF ENGINEERING & TECHNOLOGY

Vision

To achieve excellence in engineering education, empower students to be technically competent professionals and entrepreneurs with strong ethical values so as to significantly contribute as agents for universal development and societal transformation.

Mission

To provide affordable quality education at par with global standards of academia and serve society with harmonious social diversity

To encourage new ideas and inculcate an entrepreneurial attitude amongst the students, and provide a robust research ecosystem

To practice and encourage high standards of professional ethics and accountability among students




Bachelor of Vocational studied in Interior Design

Program Outcomes (POs)

PO1	Design knowledge: A graduate will be able to apply their creativity, skill knowledge to meet the ever-changing needs of the society.
PO2	Problem analysis: A graduate will demonstrate his/her knowledge in History of Architecture, Theory of Architecture & Professional Practice for architectural design problems for local as well as global community.
PO3	Design/development of solutions: A graduate will be able to use his skill in freehand sketching, graphics, model making and services to develop design solutions.
PO4	Conduct investigations of complex problems: A graduate will be able to investigate client & user needs of space, furniture & equipment's requirements and analyse site conditions, bye laws in relation to site, climate & design development.
PO5	Modern tool usage: A graduate will be able to apply the knowledge of latest computer software such as Auto CADD, Revit, sketch up, 3D's Max, Lumion, Corel Draw, Photoshop & other supporting tools for the visualization of design projects
PO6	The designer and society: An Interior Designer & society apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional Architectural 7 design practices.
PO7	Environment and sustainability: Understand the impact of the professional Architectural solution in societal and environmental contexts and demonstrate the knowledge of and need for sustainable development.
PO8	Ethics: Apply ethical principles and commit to professional ethics, responsibilities, and norms of the Architectural practice
PO9	Individual and teamwork: Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary settings.
PO10	Communication: The graduate will be able to identify, Communicate effectively. The critical issues involved in the solutions of architectural design problems.
PO11	Project management and finance: A graduate will be able to demonstrate the understanding of HR, Finance and Contract Management for the profession individually or as a team member.
PO12	Life-long learning: Recognize the need for and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.



Program Specific Outcomes (PSOs)

PSO-1	To produce highly competent Interior Designers to professionally contribute to the field of Interior Design, who are technically sound and understands related industry needs.
PSO-2	To produce effective team members and leaders who can efficiently communicate through oral and graphical communication.
PSO-3	To produce Interior Designers who possess lifelong learning attitude and will contribute to the body of knowledge in the field of Interior Design.



Semester-wise Course Structure

1st year- 1st semester

Paper Code	Paper	L	T	P	Credits	Compulsory/Optional
THEORY SUBJECTS						
DID-1001N	Fundamentals of Computers	2	1	0	3	Compulsory
DID-1002N	Communication Skills	2	1	0	3	Compulsory
DID-1003N	History of Interior Furniture	2	1	0	3	Compulsory
PRACTICAL SUBJECTS						
DID-1004N	Basic Design Principles	1	0	6	4	
DID-1005N	Art and Interior Graphics - I	1	0	6	4	Compulsory
DID-1006N	Furniture Design Workshop I	1	0	4	3	Compulsory
DID-1007N	Textile & Accessories	2	0	0	2	Compulsory
OPEN ELECTIVE-I (SELECT ANY ONE)						
DID-1008AN	Workshop (wood & metal)	0	2	0	2	Compulsory
DID1008BN	Trade Enquiry (Market survey)	0	2	0	2	Compulsory
	TOTAL				24	

1st Year – 2nd semester

Paper Code	Paper	L	T	P	Credits	Compulsory/Optional
THEORY SUBJECTS						
DID-2001N	Environmental Science	3	0	0	3	Compulsory
DID-2002N	Universal Human Values & Professional Ethics	3	0	0	3	Compulsory
DID-2003N	History of Interior Design-II	3	0	0	3	Compulsory
PRACTICAL /VIV-VOCE/STUDIO						
DID-2004N	Interior Materials and Construction Tech. - I	1	0	4	3	
DID-2005N	Art and Interior Graphics - II	1	0	4	3	Compulsory
DID-2006N	Furniture Design Workshop	2	0	2	3	Compulsory
DID-2007N	Interior Design	1	0	4	3	Compulsory
DID-2008N	Display Design	1	0	4	3	Compulsory
	TOTAL				24	

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2ND YEAR-3RD SEMESTER

PAPER CODE	Paper	L	T	P	Credits	Compulsory/Optional
THEORY SUBJECTS						
DID-3001N	Business Management	2	0	0	2	Compulsory
PRACTICAL SUBJECTS						
DID-3002N	Interior Materials and Construction Technique -II	2	0	4	4	Compulsory
DID-3003N	Interior Design & Landscape - I	2	0	4	4	Compulsory
DID-3004N	Interior Services - I	2	0	4	4	Compulsory
DID-3005N	AutoCAD – I	1	0	4	3	Compulsory
DID-3006N	Interior Project - I	0	1	6	4	Compulsory
DID-3007N	Working Drawing	0	1	4	3	Compulsory
	TOTAL				24	

2nd YEAR 4th SEMESTER

Paper Code	Paper	L	T	P	Credits	Compulsory/Optional
THEORY SUBJECTS						
DID-4001N	Life Skills	2	0	0	2	Compulsory
PRACTICAL SUBJECTS						
DID-4002N	Interior Materials and Construction Technique - III	1	0	4	3	Compulsory
DID-4003N	Professional Practice	3	0	0	3	Compulsory
DID-4004N	Interior Design & Landscape - II	1	0	4	3	Compulsory
DID-4005N	Interior Services -II	2	0	2	3	Compulsory
DID-4006N	AutoCAD - II	1	0	4	3	Compulsory
DID-4007N	Visual Merchandising-I	0	1	4	3	Compulsory
DID-4008N	Interior Project- II(Minor)	0	1	6	4	Compulsory
	TOTAL				24	

3RD YEAR- 5TH SEMESTER EXAMINATION

Sl. No.	Course Code	Course Title	L	T	P	Credits	Compulsory/Optional
THEORY PAPERS							
1.	DID - 5001N	Technical English	2	0	0	2	Compulsory
2.	DID - 5002 N	Entrepreneurship & project management	2	1	0	3	Compulsory
PRACTICAL / VIVA-VOCE / STUDIO							
3.	DID-5003 N	Exhibition Portfolio & Presentation skills	1	0	4	3	Compulsory
4.	DID-5004 N	Product Design	1	1	4	4	Compulsory
5.	DID-5005 N	Interior Project-III (Major Project)	2	2	4	6	Compulsory
6.	DID-5006 N	Visual Merchandising-II	1	1	4	4	Compulsory
ELECTIVE							
8.	DID-5007AN	NSS	0	0	0	2	Optional
9.	DID-5007BN	Sports	0	0	0	2	Optional
10.	DID-5007CN	ECO Club	0	0	0	2	Optional
		Total				24	

3RD YEAR- 6TH SEMESTER EXAMINATION

Paper Code	Paper	External	Internal	Practical Internal	Practical	Total	Credits	Compulsory/Optional
PRACTICAL / VIVA-VOCE / STUDIO								
DID-6001 N	Interior Professional practice & Internship	300	400			700	30	Compulsory
	TOTAL					700		

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Detailed Syllabus

Course Code: DID-1001N

Breakup: 2 – 1 – 0 – 3

Course Name: Fundamentals of Computers

Course outcomes (CO): At the end of the course, the student will be able to:

CO1	Basic knowledge of computer system and its parts, component of computers, uses and characteristics, operating system
CO2	Introduction to Microsoft Office and its application
CO3	Internet and its advantages and disadvantages and web designing.
CO4	Downloading/Uploading e contents and e books, emailing, web services etc.

Course Details

UNIT-I Basic knowledge

Block diagram of computer and its working, Components of computer, about operating system, Booting and installation, File management, Printing, Input and output devices, Basic troubleshooting and maintenance of computer system.

UNIT-II Word processing & Presentation

Opening and saving documents, Editing, Character and paragraph editing, Page formatting, Tables and images insertion, Opening and saving a slide, inserting picture and movie clip, Publishing a presentation, Basic presentation techniques.

UNIT-III Internet broadcasting & Digital communication

Internet and its applications, Advantages and disadvantages of internet, Opening and saving a page, creating an account, Elements of web page, Emailing and attachments, Downloading and uploading e-contents and e-books, Web services and cloud storage basics.

UNIT-IV Software used in interior design & Architecture

Introduction to basics of software in design field: AutoCAD, SketchUp, Canva used in interior design profession.

Reference Book(s):-

[R1] Dummies Publication, Fundamentals of Computing

[R2] Autodesk AutoCAD Beginner Guide

[R3] Introduction to Interior Design Software Applications

Course Code: DID-1002 NJ

Breakup:2 –1 – 0–3

Course Name: Communication Skills

Course outcomes (CO): At the end of the course, the student will be able to:

CO1	Develop concept of communication and speaking skills.
CO2	Develop the ways to improve personality, soft skills, and organizational skills.
CO3	Develop the thinking ability and expression improvement in group discussion.
CO4	Design the effective resume as per industry requirement.
CO5	Be ready for personal interview through mock interviews and has knowledge of various interviews.

Course Details:

UNIT-I

Recognizing and Understanding Communication Styles: What is Communication? Passive Communication, Aggressive Communication, Passive-Aggressive Communication, Assertive Communication, Verbal and Non-Verbal Communication, Barriers and Gateways to Communication.

UNIT-II

Listening Skills: Types of Listening (theory /definition), Tips for Effective Listening Academic Listening- lecturing), Listening to Talks and Presentations, Basics of Telephone communication

Writing Skills: Standard Business letter, Report writing, Email drafting and Etiquettes, Preparing Agenda and writing minutes for meetings, Making notes on Business conversations, Effective use of SMS, Case writing and Documentation.

UNIT-III

Soft Skills: Empathy (Understanding of someone else point of view), Intrapersonal skills, Interpersonal skills, Negotiation skills, Cultural Aspects of Communication.

UNIT-IV

Group Communication: The Basics of Group Dynamics, Group Interaction and Communication, how to Be Effective in Groups, Handling Miscommunication, Handling Disagreements and Conflicts, Constructive Criticism.

Text Book(s):

[T1] McKay, M., Davis, M. & Fanning, P. (2008). Messages: The Communication Skills Book, New Harbinger Publications

[T2] Perkins, P.S., & Brown, L. (2008). The Art and Science of Communication: Tools for effective communication in the workplace, John Wiley and Sons

[T3] Krizan et al (2010). Effective Business Communication, Cengage Learning.

[T4] Scot, O.(2009). Contemporary Business Communication, Biztantra, New Delhi.

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Course Code: DID-1003N

Breakup:2-0-2-3

Course Name: History of Interior Furniture

Course outcomes (CO): At the end of the course, the student will be able to:

CO1	Introduction to prehistoric architecture and interior design
CO2	Indian handicraft and handloom
CO3	History of different construction techniques and materials used in interior design
CO4	Influences of British architectural on Indian Interior Design

Course Details:

UNIT-I Pre-historic and Indus valley civilization

Introduction to the history of interior design and early human settlements, Study of prehistoric architecture and living environments, Evolution of shelters and primitive construction techniques, Introduction to Indus Valley Civilization, Planning principles of ancient cities such as Mohenjo-Daro and Harappa,

UNIT-II Indian handicrafts & handlooms

Introduction to Indian handicrafts and handloom traditions, regional crafts and textile traditions of India, Study of decorative arts and traditional craftsmanship, Analysis of Hindu, Buddhist and Indo-Islamic interiors with special emphasis on decoration, ornamentation, carvings and motifs,

UNIT-III Construction techniques and decorative elements

Study of different construction techniques and materials used in interiors as structural and decorative elements, Study of traditional materials such as stone, wood, lime, terracotta and metal, Architectural decorative elements including doors, windows, pillars, columns, paneling, ceilings, cornices, friezes, dados, stone inlay work and ornamental carvings

UNIT-IV Indian schools of painting and British influence

different schools of paintings in India such as Mughal, Rajput, Pahari and Madhubani styles, Their influence on interior decoration and aesthetics, Study of color schemes, themes and artistic expressions in traditional Indian paintings, Influence of British architecture on Indian interiors during colonial period, Introduction to Indo-European architectural styles.

NOTE:

1. Preparation of reports, assignments and presentation sheets related to historical interiors and decorative arts.
2. Visits to museums, state emporiums, exhibitions, trade fairs, craft bazaars and manufacturing workshops for practical understanding.

Text Book(s):

[T1] *History of Fine Arts in India and West* by Edith Tomory

[T2] *History of World Architecture* by Sir Banister Fletcher

Reference Book(s):

[R1] *Indian Architecture* by Satish Kumar

[R2] *Interior Design* by Ahmed Kasu



Course Code: DID-1004
Course Name: Basic Design Principles

Breakup: 1-0-6-4

Course outcomes (CO): At the end of the course, the student will be able to:

CO1	Introduction to various elements and principles of design and their composition.
CO2	Colour theory, Colour Planning, and guidelines for various Interiors
CO3	Study of Form, Pattern, Tones and Textures and their relationship in Interiors.
CO4	Study of Natural patterns, Types of Textures, and their relationship psychological; impact.
CO5	Role of accessories in Interiors, Role of Colour, Light, Shades, and shadows in interiors.
CO6	Development of concepts in Interior Designing, Preparation of scrap files for accessories, furniture, and fittings.

Course Details:

UNIT – I : Principles of Design and Composition

fundamentals of design, arrangement, and composition in interior design. composition such as line, direction, shape, form, color, value, tone, and texture along with principles like repetition, rhythm, harmony, unity, balance, dominance, scale, proportion, and contrast. composition and the designing of murals, paintings, and wall art will also be included.

UNIT – II : Colours in Interior Design

color terminology, theories, and applications. concepts such as hue, tint, shade, value, intensity, and chroma along with color wheels and different color schemes. color harmony, contrast, psychological effects of colors, warm and cool colors, advancing and receding colors, and the relationship of color, pattern, and texture in interiors.

UNIT – III: Study of Form, Pattern, Tone, and Texture

study of forms, patterns, tones, and textures used in design. factors influencing design, functional and non-functional forms, and patterns derived from natural forms. relationship of pattern and texture with colors, types of textures, their psychological impact, and the representation of textures using pencils, inks, and colors.

UNIT – IV : Aesthetics and Concept Development in Interiors

aesthetic aspects of interior design and the role of accessories, color, light, shades, and shadows in enhancing interior spaces. concept development techniques for accessories, furniture, and fittings along with simple practical exercises related to interior concepts and presentation.

NOTE

There shall be written and drawing examinations based on the above topics. Internal assessment will be based on drawings, charts, and written assignments. Drawing charts should be prepared for each topic included in the syllabus.

Text Book(s):

- [T1] Interior Design-Ahmed Kasu
- [T2] Interior Design Principal and Practice-M. Prataprao

Reference Book(s):

- [R1] Basic Design of Anthropometry – Shiris Bapat
- [R2] Living Area (Interior Space)
- [R3] Time Saver Standard for Interior Design and Space Planning - McGraw Hill New York
- [R4] Interior Design and Decoration, Sherrill Winton, Prentice Hall

Course Code: DID-1005

Breakup: 1 – 0 – 6 – 4

Course Name: Art & Interior Graphics-I

Course outcomes (CO): At the end of the course, the student will be able to:

CO1	Knowledge of instruments, papers, usages of graphic in present and future in Interior Design presentation.
CO2	Free hand lettering in pencil, pen, brush, sketching of various geometrical shapes, Simple objects of interiors furniture and accessories, human forms, animals, interior Views.
CO3	Knowledge of 2-dimensional and 3-dimensional geometry. Exercise on drawing of simple plan, elevation, and sections.
CO4	"Drafting techniques, graphic codes, symbols and architectural lettering and Architectural scales".

Course Details:

UNIT – I : Introduction to Graphic Presentation

use of drawing instruments, papers, and graphic presentation techniques. Students will develop skills in freehand presentation using pencils, crayons, ink pens, brushes, cut paper, markers, and sketch pens in different mediums for present and future design applications.

UNIT – II : Free Hand Drawing

fundamentals of freehand drawing and sketching techniques. horizontal and vertical lines, circles, curves, parallel lines, and freehand lettering using pencil, pen, and brush. sketching of geometrical shapes, furniture, accessories, human figures, animals, and interior views to improve visualization and presentation skills.

UNIT – III : Scaled Drawing and Projections

use of engineering scales in metric and foot-inch systems along with reduction and enlargement techniques. physical measurement methods, drafting of measured objects, and basics of two-dimensional and three-dimensional geometry. projection methods such as orthographic, isometric, and axonometric drawings

UNIT – IV : Lettering and Architectural Graphics

measured lettering, presentation standards, and architectural graphic symbols used in interior drawings. presentation techniques using pens, pencils, and brushes and prepare simple room layouts with furniture, accessories, and dimensions as part of interior presentation drawings.

NOTE

There shall be written and drawing examinations based on the above topics. Internal assessment will be based on drawings, charts, and written assignments. Drawing charts should be prepared for each topic included in the syllabus.

Text Book(s):

[T1] Drawing - A creative Process, Francis D.K. Ching, John Wiley Sons, New York [T2] Geometrical drawing for art students, 2nd revised edition- I.H.Morris, Orient Longman,

Reference Book(s):

[R1] Architectural Drafting and Design, 4th Edition- Ernest R.Weidhaas, Allyn and Bacon, Boston, 1981.

[R2] Building drawing, 3rd Edition- MG Shah, CM Kale, Tata Mcgraw - Hill Publishing, New

Course Code: DID-1006N

Breakup: 1-0-4-3

Course Name: Furniture Design Workshop-I

Course outcomes (CO): At the end of the course, the student will be able to:

CO1	Importance of furniture in relation to interior design
CO2	Introduction to various interior materials and their application
CO3	Techniques of finishing the surfaces
CO4	Study of anthropometry and ergonomics

Course Details:

UNIT-I Importance of furniture in interior design

Importance of furniture, Study of furniture forms, styles, proportions and aesthetics, Study of shapes, forms, texture and finishes used in furniture, Functional and decorative aspects of furniture, Availability of materials and construction techniques, Introduction to traditional and modern furniture Environmental conditions influencing furniture design such as climatic, social, cultural and economic factors, concepts,

UNIT-II Anthropometry and ergonomics in furniture design

Study of anthropometric and ergonomic principles in relation to furniture design, Human body measurements and proportions, Standard dimensions used in furniture, Ergonomic considerations for comfort, posture and usability, Relationship between furniture and human activities, Design considerations for seating, tables, storage units and workstations

UNIT-III Introduction to materials used in furniture

various materials used in furniture making such as wood, plywood, MDF, particle board, laminates, veneer, glass, metals and plastics, Types and properties, Selection of materials, Methods of care and maintenance of furniture materials, Durability, sustainability and usability of materials

UNIT-IV Techniques of surface finishing

Different finishing materials and their applications, techniques of finishing furniture surfaces using wood and metal paints, polishes and varnishes Surface preparation techniques, Protective coatings and maintenance finishes, Basic understanding of polishing techniques and surface treatment methods.

NOTE:

1. Furniture to be designed through freehand sketches and topic-wise sketch files to be prepared.
2. Visit to furniture workshops, exhibitions and showrooms for demonstrations and practical understanding from time to time.

Text Book(s):

- [T1] The Encyclopedia of Furniture, Joseph Aronson, Crown Publishers, New York
[T2] Time Saver Standards for Interior Design, Joseph De Chiara, McGraw Hill, New York

Reference Book(s):

- [R1] Interior Design, Francis D.K. Ching, John Wiley & Sons, New York
[R2] Office Furniture, Susan S. Szenasy, Facts on File Inc, New York

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Course Code: DID-1007

Course Name: Textile & Accessories

Breakup: 2 – 0 – 0 – 2

Course outcomes (CO): At the end of the course, the student will be able to:

CO1	Importance of furniture in relation to interior design
CO2	Introduction to various interior materials and their application
CO3	Techniques of finishing the surfaces
CO4	Study of anthropometry and ergonomics

Course Details:

UNIT-I Floors and Flooring materials

Introduction to flooring in interior design and its importance, Role of flooring in creating warmth, comfort, safety and acoustic control within interior spaces, Factors affecting the selection of flooring materials such as climate, usage, maintenance, durability, budget and aesthetics

Types of Floors: Hard Floors, Semi-Hard Floors & Soft Floors, Study of flooring materials with respect to texture, color, pattern, finish and maintenance, Slip resistance and safety

UNIT-II Floor coverings

Types of Carpets & Rugs, Natural fibers and Man-made fibers, Handmade Carpets & Laying of Carpets and Machine-made Carpets

UNIT-III Window treatments & accessories

Introduction to windows and their importance in interior spaces, Functional and aesthetic aspects of window treatments, Types of Curtains & Blinds, Color schemes, textures, patterns. Fittings & Accessories required for Curtains & Blinds.

UNIT-IV Bathroom & kitchen fittings and fixtures

Introduction to fittings and fixtures used in bathrooms and kitchens, Functional and aesthetic importance of sanitary and hardware materials in interior design, Selection of materials, Bathroom Fittings & Fixtures: Wash basins, water closets, bathtubs, shower systems, faucets, towel rails, mirrors, storage accessories and partition systems, Types of sanitary ware

Kitchen Fittings & Fixtures: Kitchen sinks, faucets, modular kitchen accessories, cabinet hardware, drawer systems, pull-out units, storage systems and countertop materials.

NOTE:

1. Visiting furnishing and fitting showrooms for collecting samples or making sketches of materials and preparing a file.
2. Taking one interior space showing use of different types of floor finishes, wall finishes and window treatments using the above study material.
3. Preparation of material boards, fabric samples and hardware presentation sheets shall form part of practical work.

Text Book(s):

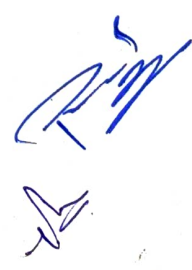
[T1] *Interior Design Illustrated*, Francis D.K. Ching

[T2] *House Book (The Complete Guide to Home Design)*, Terence Conran

Reference Book(s):

[R1] *Window Fashion*, Charles TIRANDALL

[R2] *A.J. Metric Handbook: Editors Jan, Bilwas & Leslie fair weather.*



Course Code: DID-1008B

Breakup: 0-2-0-2

Course Name: Trade Enquiry (Market Survey-I)

Course outcomes (CO): At the end of the course, the student will be able to:

CO1	Construction of Bricks, cement, aggregates and their market survey and sample collections.
CO2	Collection of schedules of rates in market and other relevant information related to materials specifies above.
CO3	Collection of wooden samples and brochure from company
CO4	Introduction to upholstery materials and tapestry.
CO5	Home furnishing, Fabrics used in furniture, and window treatment & collection of leatherette samples and fabric samples

Course Details:

UNIT – I: Basic Building Materials

This unit introduces students to basic building materials used in construction and interior works. Students will collect and study samples of materials such as bricks, cement, and aggregates along with different wall finishes. The unit also includes the collection and study of brochures from various companies related to distemper, paints, wallpapers, and other finishing materials, including their applications, advantages, disadvantages, and market rates.

UNIT – II: Wood and Wood-Based Products

This unit focuses on the study of different types of wood and wood-based products available in the market. Students will learn about materials such as laminates, veneers, plywood, and block boards along with their properties, applications, company details, and market rates.

UNIT – III: Upholstery Materials and Tapestry

This unit introduces various upholstery materials and fabrics used for furniture and window treatments. Students will study different types of fabrics, their applications, market rates, and collect material samples for practical understanding and reference.

NOTE: Students must prepare a project file along with the samples, rates other information.

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Course Code: DID-2001N

Breakup: 3-0-0-3

Course Name: Environmental science

Course outcomes (CO): At the end of the course, the student will be able to:

CO1	Demonstrate the structure and functions of various ecosystems, their natural history and ecology.
CO2	Understands the importance of biosphere and life sustaining processes on earth.
CO3	Understands the importance of biodiversity & its conservation
CO4	Introduction to natural resources their uses and causes of overexploitation, problems and prospects.
CO5	Understands the basic concepts in environmental chemistry and its applications.
CO6	Demonstrate the structure and functions of various ecosystems, their natural history and ecology.

Course Details:

UNIT-I Environmental Studies: Ecosystems, Bio-diversity and its Conservation

Definition, scope and importance of Environmental Studies, Biotic and a biotic component of environment, need for environmental awareness. Ecosystems: Concept of an ecosystem, structure and function of an ecosystem, food chains, food webs and ecological pyramids. Introduction to different types of ecosystems. Bio-diversity and its Conservation: definition: genetic, species and ecosystem diversity, Bio-geographical classification of India, Value of biodiversity: Consumptive use, productive use, social, ethical, aesthetic and option values, Biodiversity at global, national and local levels, method of biodiversity conservation: *In-situ* and *ex-situ* conservation.

UNIT-II Natural Resources: problems and prospects

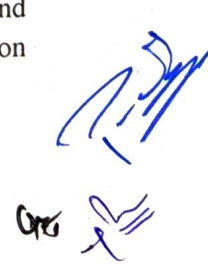
Renewable and Non-renewable Natural Resources; Concept and definition of Natural Resources and need for their management. Study of different type of resources like Forest resources. Water resources, Mineral resources, Food resources, Energy resources.

UNIT-III Environmental Chemistry and Pollution Control

Introduction to Chemistry of Environment, Green technology and its principles, zero waste technology, green chemistry and its basic principle, Concept of bioremediation. Environmental Pollution Definition, types, causes, effects and control measures of Air pollution, Water pollution, Soil pollution, Marine pollution, Noise pollution, Thermal pollution, nuclear hazards. Pollution case studies. Solid waste and its management: causes, effects and control measures of urban and industrial waste.

UNIT-IV Disaster Management, Social Issues, Human Population and the Environment

Introduction to Disaster Management, causes, types of disasters: floods, earthquake, cyclone and land-slides, nuclear accidents and holocaust. Study of various cases of disasters. Social Issues, Human Population and the Environment: Sustainable development, Climate change, global warming, acid rain, ozone layer depletion, Environmental ethics: Issues and possible solutions, Consumerism and waste products, Wasteland reclamation. Population growth, problems of urbanization, study of various Environment Protection Acts.



Text Book(s):

- [T1] E. Barucha, Textbook of Environmental Studies for Undergraduate Courses, Universities Press (India) Pvt. Ltd., 2005.
[T2] S. Chawla, A Textbook of Environmental Studies, McGraw Hill Education Private Limited, 2012

References Books:

- [R1] G. T. Miller, Environmental Science, Thomas Learning, 2012
[R2] W. Cunningham and M. A. Cunningham, Principles of Environment Science: Enquiry and Applications, Tata McGraw Hill Publication, N. Delhi, 2003. [R3] R. Rajagopalan, Environmental Studies: From Crisis to Cure, 2nd Edition, Oxford University Press, 2011.
[R4] A.K. De, Environmental Chemistry, New Age Int. Publ. 2012,
[R5] A. Kaushik and C.P. Kaushik, Perspectives in Environment Studies, 4th Edition, New Age International Publishers, 2013
[R6] Environmental Engineering by Gerard Kiely, Tata McGraw-Hill Publishing Company Ltd. New Delhi, 2010

GV



Course Code: DID-2002N

Breakup: 3-0-0--3

Course Name: Universal Human Values & Professional Ethics

Course outcomes (CO): At the end of the course, the student will be able to:

CO1	Understand the significance of value inputs in a classroom and start applying them in their life and profession
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Course Details

UNIT-I:

Introduction to Value Education, Value Education, Definition, Concept and Need for Value Education, The Content and Process of Value Education, Basic Guidelines for Value Education, Self-exploration as a means of Value Education, Happiness and Prosperity as parts of Value Education

UNIT-II:

Harmony in the Human Being, Human Being is more than just the Body, Harmony of the Self ('I') with the Body, Understanding Myself as Co-existence of the Self and the Body, Understanding Needs of the Self and the needs of the Body, Understanding the activities in the Self and the activities in the Body

UNIT-III:

Harmony in the Family and Society and Harmony in the Nature, Family as a basic unit of Human Interaction and Values in Relationships, The Basics for Respect and today's Crisis: Affection, e, Guidance, Reverence, Glory, Gratitude and Love, Comprehensive Human Goal: The Five Dimensions of Human Endeavour, Harmony in Nature: The Four Orders in Nature, The Holistic Perception of Harmony in Existence

UNIT-IV:

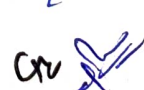
Social Ethics, The Basics for Ethical Human Conduct, Defects in Ethical Human Conduct, Holistic Alternative and Universal Order, Universal Human Order and Ethical Conduct, Human Rights violation and Social Disparities

UNIT V:

Professional Ethics, Value based Life and Profession, Professional Ethics and Right Understanding, Competence in Professional Ethics, Issues in Professional Ethics – The Current Scenario Vision for Holistic Technologies, Production System and Management Models

References

1. R.R. Gaur., R, Sangal. G.P Bagaria., A Foundation Course in Value Education, Excel Books, (2009).
2. R.R. Gaur., R, Sangal. G.P Bagaria, Teachers Manual for A Foundation Course in Human Values and Professional Ethics Excel Books, (2009).
3. A.N. Tripathy, Human Values, New Age International Publishers, (2003)
4. Nagaraj, Jeevan Vidya: EkParichaya, Jeevan VidyaPrakashan, Amarkantak, (1999)
5. M.K. Gandhi, My Experiences with Truth, Maple Classics (2011)
6. I.C. Sharma, Ethical Philosophy of India, Nagin & Co Julundhar
7. Cecile Andrews, – Slow is Beautiful (2006)


CN 

Course Code: DID-2003 **N**

Breakup: 3--0-0-3

Course Name: History of Interior Design -II

Course outcomes (CO): At the end of the course, the student will be able to:

CO1	Introduction of the period of history, cultural and interior planning from ancient to Middle Ages to modern periods.
CO2	concept and architectural characteristics of ancient, medieval, and renaissance period explaining different factors.
CO3	European furniture's & its influence on ornamentation & furniture.
CO4	Introduction to Tudor to Victorian style of furniture and decorations.
CO5	Methods of building, embossing, moulding and stencilling in Oriental Furniture

Course Details:

UNIT – I: Occidental Interiors and Evolution of Interior Styles

historical development of interior architecture and furniture design from ancient to modern periods. Study of cultural and social influences on historical buildings. historical planning principles, ornamentation, decorative motifs, arches, domes, columns, paneling, ceilings, and craftsmanship techniques used in traditional interiors.

UNIT – II: European Furniture Styles and Ornamentation

evolution of European furniture styles from the Renaissance period onwards. study of Italian, Spanish, and French furniture styles along with their forms, proportions, ornamentation, carvings, upholstery, moldings, and decorative finishes. influence of art movements on furniture and interior aesthetics.

UNIT – III: English, American, and Modern Furniture Styles

Introduction of English furniture styles from the Tudor to Victorian periods along with American Colonial furniture and modern furniture movements. Study of decorative features, construction techniques, materials, and furniture styles used in residential and commercial interiors. Influence of movements such as Art Nouveau and Art Deco on contemporary furniture design.

UNIT – IV: Oriental Furniture and Decorative Techniques

Oriental furniture styles and decorative craftsmanship techniques study of Japanese, Chinese, and Asian furniture concepts with emphasis on minimalism, balance, motifs, and handcrafted detailing. decorative techniques such as gilding, embossing, molding, stenciling, marquetry, and inlay work using brass, ivory, mother of pearl, and wood.

NOTE

Students shall prepare reports, sketches, comparative analysis sheets, and presentation portfolios based on historical furniture styles and interior detailing. Practical exposure through visits to furniture workshops, factories, and showrooms shall form an important part of the course. Project work will focus on furniture design, ornamentation studies, and the application of historical styles in contemporary interiors.

Textbook(s):

[T1] *English Furniture Style (1500–18)* by Ralph E.

[T2] *Interior Design* by Francis D. K. Ching, John Wiley & Sons, New York.

Reference Book(s):

[R1] *The Encyclopedia of Furniture* by Joseph Aronson, Crown Publishers, New York.

[R2] *Time Saver Standards for Interior Design* by Joseph De Chiara, McGraw Hill, New York.

Course Code: DID-2004 N

Breakup: 1-0-4-3

Course Name: Interior Materials & Construction Techniques-I

Course outcomes (CO): At the end of the course, the student will be able to:

CO1	Introduction to basic building materials, stone, and brick masonry
CO2	Roof and types of arches, doors, and windows.
CO3	Introduction to structural system: Beam, RCC slab and columns.
CO4	Comparison of steel and RCC structure in the buildings.
CO5	Introduction to seismic zone considerations on high rise structures.

Course Details:

UNIT – I : Basic Building Components and Masonry Construction

fundamentals of building construction and interior construction systems. Concepts of basic building components from foundation to superstructure, including plinth level, damp proof course, walls, partitions, doors, windows, roofs, staircases, and load-bearing concepts. brick masonry: classification, properties, manufacturing process, masonry bonds, and exposed brick finishes.

UNIT – II : Openings, Roofs, Doors, and Windows

role of openings in building construction with emphasis on ventilation, lighting, and interior aesthetics. different types of arches, lintels, doors, and windows along with their structural and decorative applications. Types of roofs including flat roofs, pitched roofs, trussed roofs, roofing materials

UNIT – III : Structural Systems and RCC Construction

structural systems used in buildings with basic concepts of load-bearing and framed structures. Study of RCC construction, structural elements such as beams, slabs, and columns, and their functions in residential and commercial buildings, concept of structural framing systems.

UNIT – IV : Steel Structures and Disaster-Resistant Design

Introduction to steel structural systems and their applications in modern buildings and interiors. steel framing systems, Difference between RCC and steel structures, and their advantages and limitations. Introduction to seismic zone considerations, earthquake-resistant construction, disaster-resistant design, fire safety, emergency planning, and sustainable construction practices.

NOTE

There shall be written and drawing examinations for Units I and II, while Units III and IV shall be theory-based. Internal assessment will be based on drawings, sheets, and written assignments. Site visits, construction detail studies, material reports, and measured sketches shall form an essential part of practical learning.

Text Book(s):

[T1] Sushil Kumar, *Building Construction*

[T2] S.C. Rangwala, *Engineering Materials*, Charotar Publishing, Anand

Reference Book(s):

[R1] W.B. Mackay, *Building Construction*, Vol. 1, 2, 3, 4

[R2] Francis D. K. Ching, *Building Construction Illustrated*, VNR, 1975

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Course Code: DID-2005N

Breakup: 1--0 – 4 – 3

Course Name: Art & Interior Graphics-II

Course outcomes (CO): At the end of the course, the student will be able to:

CO1	Techniques in skill drafting and perspectives
CO2	Knowledge of standard drawings, introduction to various architectural symbols and their implementation in interior design.
CO3	Drafting plan, elevation, and levelling in sections.
CO4	Drafting perspective view in one point, two-point perspective, Bird eye view and worm's eye view level
CO5	Introduction to sciography & their implementation in plan and elevations.

Course Details:

UNIT-I Measured Drawings:

Techniques in skilled drafting and perspectives, Knowledge of standardized drawings, importance, various architectural symbols and usage in drawing. Drafting of Simple Room layout plan, elevations, and sections with dimensions, showing levels, and specifications writing.

UNIT-II

Drafting of Simple Room layout plan, elevations, and sections with dimensions, showing levels, and specifications writing.

UNIT-III

Axonometric views of rooms as per the drafted layout plan, furniture, etc.

1. Perspective
2. Terminology of perspective drafting and drawing viz planes, vanishing point, cone of vision, one point, two-point, birds eye view, worm's view etc.
3. Drafting perspective views - one point, two-point perspectives with colors and pencil rendering, knowledge of tones and textures, color applications and choice of different medium.

UNIT-IV

Sciography: Sciography in plan, elevation and basic sciography use in orthographic projections of simple objects and use of letterset and stencils.

Note:

1. There will be written and drawing examination on the above: Internal assessment will be based upon the drawings, drawings charts and written assignments.
2. Drawings Charts should be prepared on each topic mentioned above.

Text Book(s):

[T1] Perspective & Sciography by Shankar Mulik, Allied Publishers.

[T2] Engineering Drawing, M.S. Kumar, D.D. Publications, Chennai

Reference Book(s):

[R1] Geometrical drawing for Art Students, I.H. Morris, Orient Longman, Chennai

[R2] Perspective Principles, M.G. Shah & K.M. Kale, Asia Publications, Mumbai.

Course Code: DID-2006N

Breakup: 2 -- 0 -- 2 -- 3

Course Name: Furniture Design Workshop-II

Course outcomes (CO): At the end of the course, the student will be able to:

CO1	Introduction of Wood as construction material and availability of its type in market along with the current rates.
CO2	Introduction of Metal as construction material and availability of its type in market along with the current rates.
CO3	Introduction of glass as construction material and availability of its type in market along with the current rates.
CO4	Joinery details and redesigning of existing furniture's on proper scale.
CO5	Application of upholstery materials and their manufacturing techniques.
CO6	Introduction of Wood as construction material and availability of its type in market along with the current rates.

Course Details:

UNIT – I: Introduction to Wood and Wood-Based Products

Study of hardwoods and softwoods, their properties, grains, textures, defects, preservation methods, and market availability. The unit also covers engineered wood products such as plywood, MDF, HDF, particle board, block board, veneers, laminates, and decorative finishes along with their applications in interiors. sustainable materials, material selection, costing, and market rate analysis.

UNIT – II: Metals and Glass in Furniture Design

Use of metals and glass in furniture and interior construction. study of materials such as mild steel, stainless steel, aluminum, brass, copper, and wrought iron along with their properties, applications, finishes, and hardware systems. Study of different types of glass with their applications, fixing methods, and cost analysis.

UNIT – III: Furniture Analysis, Joinery, and Redesigning

Analysis of existing furniture with full size measured drawings like plan, elevation, sections and details. To understand the structure properly: Joinery as applied to furniture and Redesigning of existing furniture keeping in mind the market and user's need

UNIT – IV: Upholstery Materials and Furniture Finishing Techniques

Study of foam, springs, cushioning materials, fabrics, leatherette, and upholstery finishes along with methods of stitching, fabric application, and maintenance. Introduction to furniture finishing techniques, polishing methods, surface preparation, and coordination of upholstery with interior themes.

NOTE

Freehand sketches, measured drawings, material boards, joinery details, and redesign concepts shall form part of the sessional work. Students shall also prepare reports based on market surveys, factory visits, workshops, and furniture manufacturing studies for practical understanding of materials and furniture construction techniques.

Text Book(s):

[T1] Butter Harry, *Do It Yourself Furniture*.

[T2] Marlo Dal Febro, *How to Build Modern Furniture*.

Reference Book(s):

[R1] Joseph Aronson, *The Encyclopedia of Furniture*, Crown Publishers, New York.

[R2] Joseph De Chiara, *Time Saver Standards for Interior Design*, McGraw Hill, New York.

92
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Course Code: DID-2007N
Course Name: Interior Design

Breakup: 1-- 0-4-3

Course outcomes (CO): At the end of the course, the student will be able to:

CO1	Spatial planning and arrangement of spaces with proper furniture layout
CO2	Concepts in bedroom and Living Room interiors
CO3	Use of Anthropometry and ergonomics while designing a space and for proper functional activity.
CO4	Introduction to natural and artificial lighting
CO5	Perspective in black and white, colour with simple rendering techniques with pen and ink

Course Details:

UNIT – I: Planning the flow of space

negative & positive space, space requirement, usage with furniture and functional Spaces. Space distribution and factors influencing it. Drawing required, plan and elevation of single rooms, Simple Layout plans of different rooms for different Functions. Placement of Furniture, making furniture layout, plans and elevations of rooms of different functions.

UNIT – II: Concept of interior in Residential space

Bedrooms & Living Rooms: Concepts in bedroom & Living room interiors- various layout of these spaces - the use of furniture and accessories to create a good ambience - materials & finishes - lighting, color & Texture.

Toilets: Anthropometry - various types of sanitary ware and their use - types of layouts - concepts in modern day toilet interiors - with materials & finishes -lighting, Color, Texture & pattern.

UNIT – III: Design concept of Utility spaces

Kitchens: Work triangle, planning for activity - types of kitchens - Modular Kitchens. Materials Used for counters, shelves, worktops, washing areas.

Lighting & Color Scheme - natural & artificial light.

UNIT – IV:

Perspective in Blank & White, Colour with simple rendering visit for case study of existing interiors, Record file of these to be prepared in freehand drawing.

NOTE

1. Internal assessment will be based upon the drawings, drawings charts and written assignments.
2. Drawings Charts should be prepared on each topic mentioned above

Text Book(s):

[T1] *Interior Design* - Ahmed Kasu

[T2] *Interior Design Principal and Practice*- M. Prataprao

Reference Book(s):

[R1] *Time Saver Standard for Interior Design and Space Planning* - McGraw Hill New York

[R2] *Interior Design and Decoration*, Sherrill Winton, Prenice Hall

[R3] *Designs for 20th century Interiors* - Fiona Leolie, VH Publication, London 2000

[R4] *Interior Design: The New Freedom*, Barbaralec Diamonstein, Rizzoli International Publications, New York, 1982.

[R5] *Interior Color by Design*, Jonathan Poore, Rockport Publishers, 1994

[R6] *Worldwide Interiors* - International Federation of Interior Architects & Designers, Rikuyo - Sha, Japan, 1987.

Course Code: DID-2008N
Course Name: Display Design

Breakup: 1-- 0-4-3

Course outcomes (CO): At the end of the course, the student will be able to:

CO1	Introduction to display design and their scope
CO2	Conceptualisation of display design
CO3	Props design, Publicity Media, Hoardings and banners design.
CO4	Importance of lettering, colour and light in poster making.
CO5	Panel, Stand and Blocks display design
CO6	Thematic display design with proper choice of colours

Course Details:

UNIT – I : Introduction to Display Design and Visual Communication

fundamentals of display design and its importance in retail, commercial, and exhibition spaces. ,principles of visual merchandising, consumer psychology, branding, and visual communication. different types of display systems such as window, wall, island, counter, atrium, kiosk, mobile, and exhibition displays along with concepts of balance, rhythm, proportion, and focal points in display composition.

UNIT – II : Concept Development and Theme-Based Display Design

concept development and theme-based display planning. mood boards, colour psychology, space planning, circulation, and graphic visualization methods for display presentations.

UNIT – III : Display Graphics, Props, and Publicity Media

role of graphics, props, and publicity media in display design and visual merchandising. Concept of poster design, banners, hoardings, flyers, brochures, typography, logo design, and brand identity concepts. introduction to digital graphic tools such as Adobe Photoshop, Canva, and Adobe Illustrator used in display design.

UNIT – IV : Lighting, Typography, and Display Installation Systems

use of lighting, typography, and installation systems in display design. Students will study natural and artificial lighting techniques including spotlights, strip lights, profile lights, and accent lighting along with colour temperature and mood creation. Various typography styles, visual hierarchy, modular display systems, exhibition panels, and interactive display structures.

NOTE:

1. Lectures, demonstrations and visits to shopping areas, malls, exhibitions, showrooms and trade fairs shall form part of practical learning.
2. Students shall prepare sketch files, presentation sheets and thematic display concepts.
3. Practical exercises shall focus on improving graphic visualization and visual communication skills.
4. Introduction to basic digital graphic software for display presentation and portfolio development shall be included.
5. Model making and installation exercises shall form part of sessional work.

Textbook(s):

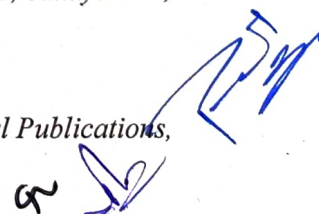
[T1] *Designs for 20th Century Interiors* - Fiona Leolie, VH Publications, London.

[T2] *Worldwide Interiors* - International Federation of Interior Architects & Designers, Rikuyo-Sha, Japan, 1987.

Reference Book(s):

[R1] *Interior Design: The New Freedom*, Barbara Lec Diamonstein, Rizzoli International Publications, New York, 1982.

[R2] *Interior Colour by Design*, Jonathan Poore, Rockport Publishers, 1992.



Course Code: DID-3001N

Breakup: 2-0-0-2

Course Name: Business Management

Course outcomes (CO): At the end of the course, the student will be able to:

CO1	Introduction to business management and different schools of management.
CO2	Various management theories & Process of Management along with the responsibilities of manager.
CO3	Planning process & techniques. Managerial functions-organizing, structuring & staffing.
CO4	Contemporary issues in management- Directing, controlling, problem solving and decision making.

Course Details

UNIT-I

Introduction to Management: Meaning and Nature of Management, Basic Concepts of Management Definition, Need and scope. Different schools of management - Behavioural, Scientific, Systems, Contingency, Management by Objectives, Management and Society: The External Environment, Social Responsibility, and Ethics: An Overview.

UNIT-II

Management theories - F.W. Taylor - Henry Fayol - Elton Mayo, Evolution of Management (in India and Abroad), Levels of management, Process of Management: Managerial Skills, Tasks and Responsibilities of a Professional Manager.

UNIT-III

Planning-Process and Techniques, Organizing- Definition, Process and Organizational Structure, Nature, Importance, principles, centralization - de centralization Organization. structures - Line & staff, functional, product, matrix, geographical, customer, virtual, boundary less. Staffing - Definition, Nature, Importance & steps.

UNIT-IV

Directing-Principles and Process, Controlling-Process and Techniques, Problem Solving and Decision Making - Definition, Nature, Importance, steps; Controlling - Techniques & Steps, Leading - Nature and scope. Contemporary issues in Management.

Text Books:

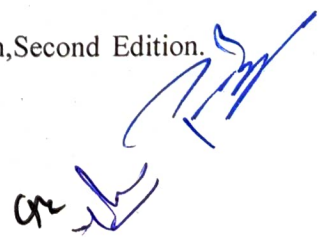
[T1] Stoner, R. James A.F., Edward Freeman Daniel R Gilbert Jr., Management 6th Eprentice hall of india

[T2] Essentials of management by Koontz H and Weitrich, Tata, McGraw-Hill Education, Delhi.

Reference Books:

[R1] Principles & Practice of Management (Paper Back), Author: T.N.Chhabra, Publisher: Dhanpat Rai & Co (P) Ltd, Delhi

[R2] Management by James A.F.Stoner, Philip.W.Yetton, Jane F.Craig, Kim D.Johnston, Second Edition. Prentice Hall of India, Delhi



Course Code: DID-3002N

Breakup: 2 – 0 – 4 - 4

Course Name: Interior Materials & Construction Techniques-II

Course outcomes (CO): At the end of the course, the student will be able to:

CO1	Understand the construction and finishing systems used for interior walls, doors, windows, roofs, and paneling.
CO2	Identify appropriate materials and installation techniques for various interior applications.
CO3	Develop construction details and working drawings of doors, windows, roofing, and wall treatment systems.
CO4	Evaluate material performance, aesthetics, and functional requirements in interior environments.
CO5	Apply construction knowledge in interior space planning and detailing.

Course Details

UNIT – I: Wall & Wall Finishes

Types of Walls: Load Bearing and Non-Load Bearing, Masonry Walls and Lightweight Wall Systems

Interior Wall Finishes, Paints and Coatings, Wallpapers Decorative Laminates, Textured Finishes Surface Preparation and Application Techniques.

UNIT – II: Doors and Entrance Systems

- Aluminum and Steel Doors
- Sliding Doors, Sliding and Folding Doors, Swing Doors, Revolving Doors, Shop Fronts and Display Windows
- Door Hardware and Mechanical Devices, Types of Door Closers and Accessories.

UNIT – III: Windows and Ventilation Systems

- Aluminum and Steel Windows
- Types of Windows: Casement, Sliding, Pivoted, Clerestory, Ventilators, Louvered, Bay and Bow Windows, Corner Windows, Dormer Windows, Skylights, Functional and Aesthetic Considerations.

UNIT – IV: Roofs and Structural Components

Functions and Requirements of Roofs, Pitched Roofs and Their Types, Roof Covering Materials

Roof Trusses: Types of Trusses Components and Construction Details, Introduction to Roof Framing Systems.

UNIT – V: Paneling and Interior Surface Treatments

- Purpose and Applications of Paneling
- Materials Used for Interior Paneling
- Wooden and Plywood Paneling
- Design Considerations and Fixing Details
- Contemporary Paneling Materials

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Course Code: DID-3002N

Breakup: 2-0-4-4

Course Name: Interior Materials & Construction Techniques-II

Text Book(s):

Recommended Text Books

- [T1] B.C. Punmia – *Building Construction*
- [T2] Sushil Kumar – *Building Construction*
- [T3] W.B. McKay – *Building Construction (Vol. I-IV)*
- [T4] Barry – *The Construction of Buildings*
- [T5] David Kent Ballast – *Interior Construction & Detailing*

Reference Books

- [R1] V.P. Sikka – *Building Construction*
- [R2] Arora & Bindra – *Building Construction*
- [R3] Sanjay Mahajan – *Building Construction*
- [R4] Francis D.K. Ching – *Building Construction Illustrated*
- [R5] Rob Thallon – *Graphic Guide to Interior Details*

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Code: DID-3003

Breakup: 2 – 0 – 4 – 4

Course Name: Interior Design & Landscape-I

Course outcomes (CO): At the end of the course, the student will be able to:

CO1	Design small apartment like 2 BHK/ 3 BHK with complete furniture Layout, Drawing - Plan, Elevation 3D view/Perspective View, Furniture detailing, using Color schemes, Accessories, and Electrical Layout Plan etc.
CO2	Design commercial space like small store or Petrol Pumps convince store complete furniture Layout
CO3	Relation between Outdoor and Indoor Spaces.
CO4	Potted plants, hanging baskets, shrubs, creepers, Hedges Fences, Tree Guards, Trills, water bodies, Fountain, Sculpture, Artificial pools and different types of lights used in Exteriors and their uses

Course Details

UNIT-I

Design small apartment like 2 BHK/ 3 BHK with complete furniture Layout, Drawing - Plan, Elevation 3D view/Perspective View, Furniture detailing, using Colour schemes, Accessories, and Electrical Layout Plan etc.

UNIT-II

Design commercial spaces such as small retail stores, convenience stores, or petrol pump forecourt shops with complete furniture layout, Drawing – Plan, Elevation, 3D view/Perspective View, Furniture detailing, using Color schemes, Accessories, and Electrical layout. Special emphasis is placed on the integration of landscape elements within and around commercial interiors – exploring how outdoor greenery, water features, and softscape elements at entrances, atriums, and facades enhance the customer experience, reinforce brand identity, and blur the boundary between the built commercial environment and the natural landscape.

UNIT-III: INTERIOR DESIGN & LANDSCAPE INTEGRATION

Relation between Outdoor and Indoor Spaces, How to relate interior & Exterior Spaces? Type of land escape - Hard and soft landscape & its use in Interiors, Use of materials - Constriction, ground modeling; ground cover, laying of grass, stone Pathways.

UNIT-IV

Interior Plant Placement – selection and strategic positioning of indoor plants within interior spaces; types of plants suitable for interiors (low-light, tropical, succulents, air-purifying plants); placement in living rooms, offices, lobbies, corridors, and commercial spaces; use of planters, plant stands, vertical green walls, and hanging planters; role of plants in improving air quality, acoustics, and spatial aesthetics; maintenance considerations for indoor plants. Project on landscape – Balcony area/Private gardens with layout, and a Colored perspective

Text Book(s):

[T1] Indoor Plants by Xania Field

[T2] World Architecture (With Introduction to landscape Architecture) by G.K. Hiraskar [T3]

World of house plants by JOHANS [T4] Indoor garden by HUNTER

[T5] Indoor gardening by READER DIGEST ASSOCIATION (LONDON)

[T6] Japanese homes and gardens by Marcus G. Sims

Reference Book(s):

[R1] Interior Decoration by Satish Chandra Agarwala

Course Code: DID-3004
Course Name: Interior Services-I

Breakup: 2-0-4-4

Course outcomes (CO): At the end of the course, the student will be able to:

CO1	Introduction to Water supply system. (a) Hot and cold-water supply system (b) Types and sizes of pipes (c) Water supply fitting.
CO2	Introduction to Drainage system & Simple exercises on preparation of layout plans for toilet, kitchen; both public and residential.
CO3	"Lighting & - Electrical layout (a) Planning - using electrical symbols (b) Selection of fitting for different work areas."
CO4	Basic knowledge of material finishes and maintenance.

Course Details

UNIT – I : Water Supply Systems

This unit introduces hot and cold water supply systems used in residential and commercial buildings. Students will study different types and sizes of pipes along with water supply fittings used for bathrooms, water closets, sinks, bath tubs, wash basins, bidets, showers, and urinals. Emphasis will be given to planning and understanding plumbing layouts in interior spaces.

UNIT – II : Drainage and Sanitary Systems

This unit focuses on the principles of drainage and sanitary planning. Students will study materials used for drains, types and functions of traps, pipe sizes and shapes, and sanitary fixtures such as WCs, wash basins, bath tubs, and sinks. The unit also includes the study of septic tanks and preparation of simple layout plans for residential and public toilets and kitchens.

UNIT – III : Lighting Systems

This unit introduces the fundamentals of lighting in interior spaces. Students will study natural and artificial lighting systems along with the units used for measuring light and their applications in interior planning and visual comfort.

UNIT – IV : Electrical Layout and Interior Services

This unit focuses on electrical layout planning using standard electrical symbols. Students will learn the selection and placement of lighting fittings for residential spaces such as drawing rooms, bedrooms, study rooms, kitchens, and bathrooms, as well as public spaces like offices, malls, and hospitals. Basic knowledge of material finishes, and maintenance related to electrical and interior services will also be included.

Textbook(s):

- [T1] Building Construction by B.C. Punmia [T2] Building Construction by Sushil Kumar [T3] Materials by RANGWALA
- [T4] Sanitary engineering by RS DESHPANDEY
- [T5] Water supply and sanitation by CHARANJIT SHAH
- [T6] A-Z of practical building constructions & its management by SANDEEP MANTRI
- [T7] Electrical engineering by O.P. SHUKLA

Reference Book(s):

- [R1] Sanitary Engineering by R.S. Deshpandey [R2] Water supply & Drainage Gurcharan Singh

Course Code: DID-3005 **N**

Breakup: 1 – 0 – 4 – 3

Course Name: AutoCAD-I

Course outcomes (CO): At the end of the course, the student will be able to:

CO1	CAD and interior design, the future of CAD.
CO2	Basic Terminology and Interior design using AutoCAD.
CO3	Drawing tools, modify tools.
CO4	How do you create a custom simple line type?

Course Details

UNIT – I : Introduction to CAD Systems

This unit introduces the fundamentals of Computer Aided Design (CAD) and its applications in interior design. Students will study the concepts of CAD, its role in the design industry, and the future scope of CAD technology. The unit also covers the components of CAD systems including hardware, software, user interface, and the process of computer-based drafting and design presentation.

UNIT – II : Introduction to AutoCAD

This unit focuses on the introduction and practical understanding of AutoCAD and its advantages in design and drafting. Students will learn about business applications of CAD, Building Information Modeling (BIM), world coordinate systems, basic terminology, and AutoCAD interface and commands. The unit also emphasizes the use of AutoCAD in interior designing and drafting applications.

UNIT – III : CAD Drawings and Drafting Techniques

This unit introduces CAD drawing preparation and drafting techniques. Students will learn about prototype CAD drawings, limit setup, scale concepts, and drawing limits in AutoCAD. The unit also covers the use of drawing and modification tools required for preparing accurate interior and architectural drawings.

UNIT – IV : Colours, Line Types, and CAD Commands

This unit focuses on line types, line weights, colour applications, and drafting standards used in CAD drawings. Students will learn line type scaling, creation of custom line types, and commonly used AutoCAD command lists for efficient drafting and presentation work.

Text books

[T1] Mastering AutoCAD by George Omura (BPP Publications)

Reference Book(s)

[R1] Joseph A. Fiorello, CAD for interior basics, John Wiley & Sons

[R2] Timothy J. Barnes, Electronic CAD frame works, Springer

[R3] Schoon Maker, Ebook Corporation, Marcel Dekker

[R4] The CAD Guidebook: a basic manual for understanding and

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Course Code: DID-3006
Course Name: Interior Project- I

Breakup: 0 – 1 – 6 - 4

Course outcomes (CO): At the end of the course, the student will be able to:

CO1	Design commercial interiors, Any type of Indian • Any state with special effects of decor. • Chinese • Japanese
CO2	Layout plan, furniture to match the theme wall, floor, ceiling finishes and specific use of lights. Importance of Furniture and its design to justify the type of restaurants students wants to design.
CO3	Role of artwork and elements used in, to enhance the theme of Restaurants may be justified in the views.

Course Details

Restaurants: Design of themed dining spaces based on cultural cuisine identity. Students may choose one of the following restaurant typologies:

- **Indian Regional Restaurant** – a themed dining space representing a specific Indian state or regional cuisine (e.g., Rajasthani Dhaba, Kerala toddy shop, Bengali bhojanalaya), incorporating regional motifs, local materials, traditional color palettes, and authentic décor elements.
- **Chinese Restaurant** – a fine or casual dining space inspired by traditional Chinese interior design, featuring elements such as lacquered screens, red and gold colour schemes, lantern lighting, bamboo or stone finishes, and floor plans that reflect Chinese spatial principles.
- **Japanese Restaurant** – a dining environment inspired by Japanese interior aesthetics such as a traditional Izakaya (casual gastropub), a formal Kaiseki restaurant, or a Ramen-ya (noodle shop), incorporating wabi-sabi principles, shoji screens, tatami references, natural wood, stone, and minimalist spatial composition.

Requirements: layout plan, furniture to match the theme wall, floor, ceiling finishes and specific use of lights. Importance of Furniture and its design to justify the type of restaurants students want to design. The upholstery wall finishes-Paints, Wallpapers, Wall paneling, etc. Furniture sketches with dimensions and material details, 3D views in color, Role of art work and elements used in, to enhance the theme of Restaurants may be justified in the view



Course Code: DID-3007N
Course Name: Working Drawing

Breakup: 0 – 1 – 4 - 3

Course outcomes (CO): At the end of the course, the student will be able to:

CO1	Interpret building specifications and prepare coordinated working drawings for interior design projects.
CO2	Prepare detailed construction drawings and specifications for furniture, doors, windows, partitions, and interior elements.
CO3	Role of artwork and elements used in, to enhance the theme of Restaurants may be justified in the views.
CO4	Utilize CAD software effectively for drafting, detailing, documentation, and presentation of working drawings suitable for execution on site.

UNIT-I : Introduction to Working Drawings and Project Planning

- Importance and Scope of Working Drawings
- Components of a Working Drawing Set
- Understanding Building Specifications
- Design Development and Drawing Finalization Process
- Drawing Standards, Symbols, Scales, and Dimensioning

UNIT-II: Architectural Working Drawings

- Site Layout Plan and Key Plan
- Floor Plans with Dimensions, Elevations and Sections
- Space Planning and Furniture Layout

UNIT-III: Interior Services and Layout Drawings

- Furniture Layout Drawings
- Flooring Layout and Pattern Drawings
- Reflected Ceiling Plans (RCP) , Electrical Layout and Lighting Plans
- Water Supply and Drainage Layouts & Service Coordination Drawings.

UNIT-IV : Detailed Drawings and Specifications

- Detailed Drawings of Furniture
- Door and Window Details
- Joinery and Interior Detailing & Material Specifications

UNIT-V : Computer-Aided Working Drawings

- Preparation of Working Drawings using CAD Software
- Layer Management and Drafting Standards
- Annotation, Dimensioning, and Plotting
- Sheet Composition and Presentation Techniques
- Preparation of Complete Working Drawing Portfolio



Course Code: DID-4001 M
Course Name: Life Skills

Breakup: 2 – 0 – 0 - 2

Course outcomes (CO): At the end of the course, the student will be able to:

CO1	Definition and importance of life skills.
CO2	Introduction to Learning and Performance skills, Pillars of life skills.
CO3	Introduction to Social skills, negotiation skills and thinking skills.
CO4	Introduction to coping skills: coping with emotions, stress, thinking skills, social skills

Course Details

UNIT-I

Introduction: Definition and importance of Life Skills, Livelihood Skills, Survival Skills, Life Skills Approach, Life Skills based education, Life Skills Training- Implementation Models

UNIT-II

Learning and Performance, Cognitive Development, Maturation, Adult Learning, Approaches to Learning Pillars of Education and Life Skills- Four Pillars: Learning to Know, Learning to Do, learning to Live Together, learning to be Learning throughout Life.

UNIT-III

Social Skills and Negotiation Skills: Self Awareness, Empathy, Effective Communication, Interpersonal Relationships

Thinking Skills: Nature, Element of Thought, Types, Concept Formation, Reasoning, Creative and Critical Thinking

UNIT-IV

Coping Skills: Coping with Emotions, coping with Stress, Integrated use of thinking skills, social skills and coping skills.

Text Book(s):

[T1] Rajasenan, N.V. (2010). Life Skills, Personality and Leadership, Rajiv Gandhi National Institute of Youth Development, TamilNadu

[T2] Duffy, Grover, K., Eastwood, A. (2008). Psychology for Living-Adjustment, Growth and Behaviour Today, Pearson Education

Reference Book(s):

[R1] Debra McGregor, (2007), "Developing Thinking; Developing Learning - A Guide to Skills in Education", Open University Press, New York, USA

[R2] Singh Madhu, (2003). "Understanding Life Skills, Background paper prepared for Education for All: The Leap to Equality"

[R3] Nair. A. Radhakrishnan, (2010). "Life Skills Training for Positive Behaviour", Rajiv Gandhi National Institute of Youth Development, Tamil Nadu.

[R4] Dahama O.P., Bhatnagar O.P, (2005). "Education and Communication for Development, (2nd Ed.)" Oxford & IBH Publishing Co. Pvt. Ltd. New Delhi

Course Name: Interior Materials & Construction Techniques-III

Course outcomes (CO): At the end of the course, the student will be able to:

CO1	Understand the design principles and construction methods of staircases and circulation elements.
CO2	Select and apply appropriate partition, ceiling, and cladding systems for interior spaces.
CO3	Prepare detailed construction drawings for staircases, partitions, ceilings, and cladding.
CO4	Evaluate contemporary materials and technologies used in interior construction.
CO5	Integrate functional, structural, and aesthetic considerations in interior detailing.

Course Details**UNIT – I: Staircase Design and Construction**

- Stair Terminology, Requirements of Good Stair Design, Ergonomics and Proportioning, Materials Used in Stair Construction

UNIT – II: Staircase Types and Construction Details

- Calculation of Step Dimensions, Types of Steps, Classification of Staircases, Stair Construction in Timber, Metal, Stone, Brick and RCC

UNIT – III: Interior Partitions and Space Dividers

- Functions and Types of Partitions, Timber, Glass and Metal Partitions, Movable and Folding Partitions
- Acoustic and Sound-Proof Partitions, Contemporary Partition Systems

UNIT – IV: False Ceiling Systems

- Purpose and Requirements, Timber Ceiling Systems, Gypsum Board Ceilings, POP Ceilings
- Glass and Metal Ceilings, Fabric and Stretch Ceiling Systems, Installation and Finishing Methods

UNIT – V: Cladding Materials and Interior Finishes

- Concept and Functions of Cladding, Stone, Timber, Brick and Metal Cladding
- Fiber Cement and Vinyl Cladding, Interior Decorative Cladding Systems
- Selection Criteria and Applications, Sustainable Cladding Materials

Text Book(s):**Recommended Text Books**

[T1] B.C. Punmia – *Building Construction*

[T2] Sushil Kumar – *Building Construction*

[T3] W.B. McKay – *Building Construction (Vol. I–IV)*

[T4] Barry – *The Construction of Buildings*

[T5] David Kent Ballast – *Interior Construction & Detailing*

Reference Books

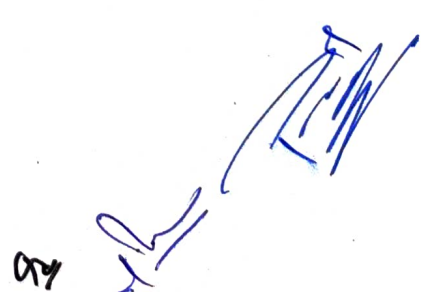
[R1] V.P. Sikka – *Building Construction*

[R2] Arora & Bindra – *Building Construction*

[R3] Sanjay Mahajan – *Building Construction*

[R4] Francis D.K. Ching – *Building Construction Illustrated*

[R5] Rob Thallon – *Graphic Guide to Interior Details*



Course Code: DID-4003N

Breakup: 3 – 0 – 0 – 3

Course Name: Professional Practice

Course outcomes (CO): At the end of the course, the student will be able to:

CO1	Describe the characteristics/attributes of interior designer professionals.
CO2	Describe the educational and professional requirements to be an interior designer;
CO3	Describe the different functions of profession in business activities.

Course Details

UNIT-I Introduction - Contract Document

- Contract and conditions of engagement of interior projects
- Responsibilities, liabilities, and duties of interior designer
- Terms and conditions for entering Contact, Scale of charges and mode of payment for the professional services to be offered Duties and liabilities as per the Architect Act, 1972, Contractor's and Owner's (Employer's) Duties and liabilities.

UNIT-II Professional Procedures:

- Procedure from date of enquiry, keeping of cost, job records, modifications, alteration to estimates, Preparation of schedules and progress charts, Supervision of sub-trades and sub-contractors.

UNIT III Code of Practice

- Confidential information for client's employer, Encroachment on existing project of another designer in direct competition, Fees, scale of change, commission, and discount, retaining fees, rejection.
- Advertising, press display, classified columns, announcement of change of address, size of name plate etc.
- Conditions of agreements and terms of contracts alternatives agreements, out of pocket expenses, stages of payment, settlement of disputes and arbitration.

UNIT IV Job Procedures

- Regulations & restrictions on various types of new & old work, Local by-laws pertaining to interiors & renovation of buildings, Storage & maintenance of plants & materials, Liabilities, Local tradesmen working conditions & practices.

Text Book(s):

[T1] Professional Practice by Dr. Roshan H. Namavati

[T2] Metric Handbook (Planning & Design Data) 2nd Ed. Edited by, David Adler

Reference Book(s):

[R1] Professional Practice by Krishnamurthy K.G

[R2] The Construction of Building by R. Barry.



Course Code: DID-4004N

Breakup: 1-0-4-3

Course Name: Interior Design & Landscape-II

Course outcomes (CO): At the end of the course, the student will be able to:

CO1	Scheme preparation for interior of commercial office space
CO2	Preparation of interior cubicles for commercial space. Designing cubical for commercial spaces.
CO3	Designing fast food restaurant with perspective views.
CO4	Designing public open spaces with full landscaping.

Course Details

UNIT-I

Preparing Interior Scheme for

- (i) Office Area for Architects or Interior Designers, Any Office
- (ii) Office Private individual office

UNIT-II

Commercials office containing Reception Area chairman's chamber, Directors Room, Staff area with open cubicles, pantry & Toilet /Washroom area, conference hall & common staff area and drawing required as layout plans, elevation and perspective Views of different area in color with use of proper accessories, plants and flower arrangement for various areas of office.

UNIT-III

Fast Food Restaurant: - Existing Restaurant in neighborhood with layout plan and perspective view in the form of free hand sketches.

UNIT-IV

Public Park of your own colony/ area or specified park by the faculty. Create space for public function stage and gazebo etc. Terrace garden to be designed, laying of grass on terrace, potted plants, hanging baskets, use of lights and making sitting areas for small family get-togethers.

Drawing required: -

Layout plan, Elevations, and Perspective view of different areas in color with use of proper Accessories, plants and flower arrangements for various areas in office.

NOTE

This unit provides an opportunity to develop a complete design project by integrating the knowledge gained throughout the course. Students will prepare concept proposals, layouts, material schemes, furniture plans, and presentation drawings, culminating in a comprehensive design portfolio.

Text Book(s):

[T1] Indoor Plants by Xania Field

[T2] World Architecture (With Introduction to landscape Architecture) by G.K. Hiraskar [T3]

World of house plants by JOHANS

[T4] Indoor garden by HUNTER

[T5] Indoor gardening by READER DIGEST ASSOCIATION (LONDON)

[T6] Japanese homes and gardens by Marcus G. Sims

Reference Book(s):

[R1] Interior Decoration by Satish Chandra Agarwala

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Course Code: DID-4005N

Breakup: 2 – 0 – 2 - 3

Course Name: Interior Services-II

Course outcomes (CO): At the end of the course, the student will be able to:

CO1	Introduction to sound and thermal insulation & it uses in interior design.
CO2	Introduction to fire safety system, fireproof material, and its application interior design.
CO3	Introduction to ventilation system, its types and its requirements.
CO4	Air conditioning, its types and essential of air conditioning.

Course Details

UNIT-I SOUND AND THERMAL INSULATION

- Behavior of heat and sound propagation
- Acoustical defects such as echo, reverberation, sound foci
- Methods of correcting
- Sound absorbing materials.
- Use of sound insulating materials in interiors like auditorium conference hall typing room

UNIT-II FIRE SAFETY SYSTEMS

- Causes of fire, Fireproof (Resistant) material, Application of fireproof (Resistant) material
- Survey - Firefighting equipment's

UNIT-III VENTILATION

- Ventilation (i) Natural (ii) Artificial or Mechanical
- Requirement of ventilations system, Artificial (mechanical) Ventilation systems - Extraction, Plenum, Extraction-Plenum, Air Conditioning

UNIT-IV AIR CONDITIONING

- Definition
- Essentials of comfort Air Conditioning
- Types - Unit A/C, Central A/C, Split A/C, Package Unit, Central and Direct Expansion & Chilled water system(Indirect)
- Essentials of Air conditioning - Filtration, heating and cooling, humidification or dehumidification, air Circulation or distribution
- Latent heat, ton of air conditioning, refrigeration etc.
- Note: Case study of Analysis of existing building

NOTE

Students are encouraged to undertake case studies and practical analysis of existing buildings to understand the application of acoustics, ventilation, fire safety, and air conditioning systems in interior design projects.

Text Book(s):

- [T1] Building Construction by
B.C.Punmia [T2] Building Construction
by Sushil Kumar [T3] Materials by
RANGWALA
[T4] Sanitary engineering by RS DESHPANDEY

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[T5] Water supply and sanitation by CHARANJIT SHAH
[T6] A-Z of practice building constructions & its management By SANDEEP
MANTRI [T7] Electrical engineering by O.P. SHUKLA
[T8] Water supply and sanitation engineering by P.K. UPADHYAY

Reference:

[R1] Fire Fighting by S. Shah
[R2] Ready Reckoner by Charan Jeet S. Shah

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Course Code: DID-4006N

Breakup: 1 – 0 – 4 – 3

Course Name: AutoCAD-II

Course outcomes (CO): At the end of the course, the student will be able to:

CO1	Working with layers a, coordinates, Texting, and dimensioning.
CO2	Drawing intersection, OSNAP, PAN & zooming.
CO3	Introduction to 3 D coordinate system, line thickness drawing techniques.
CO4	Enhanced 3 D- Extruding and lofting, revolving in AutoCAD.

Course Details

UNIT I: Introduction to AutoCAD and Drafting

This unit introduces the AutoCAD interface, coordinate systems, drawing setup, layers, text, dimensioning, and basic drafting commands. Emphasis is placed on layer management and drawing organization for professional CAD documentation.

UNIT II: CAD Tools and Drawing Management

This unit focuses on essential drafting tools and drawing operations, including object snaps, drawing modification commands, zooming, panning, blocks, and insert functions. Students will also gain an overview of CAD applications and Building Information Modeling (BIM) concepts.

UNIT III: 2D Drafting and Interior Drawings

This unit covers the preparation of architectural and interior layout drawings, including plans, furniture layouts, elevations, and detailing. Emphasis is placed on drafting standards, accuracy, and presentation techniques.

UNIT IV: 3D Modeling and Visualization

This unit introduces 3D drafting concepts, coordinate systems, isometric views, wireframe models, regions, and 3D surfaces. Students will develop three-dimensional representations of interior and architectural spaces.

UNIT V: Advanced 3D Modeling and Presentation

This unit focuses on advanced modeling techniques such as extrusion, lofting, revolving, and solid modeling. Students will create complete 3D interior models and presentation views for design visualization.

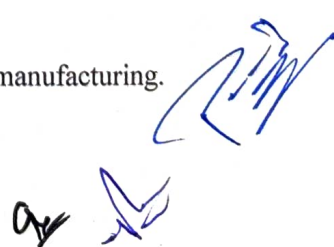
Text Book(s)

[T1] Mastering AutoCAD by George Omura (BPB Publications)

Reference Book(s)

[R1] Joseph A. Fiorello, CAD for interior: Beyond the basics John Wiley & Sons

[R2] John K. Krouse, what every engineer should know about CAD & computer aided manufacturing.



Course Code: DID-4007

Breakup: 0 – 1 – 4 – 3

Course Name: Visual Merchandising -I

Course outcomes (CO): At the end of the course, the student will be able to:

CO1	What is atrium or foyer display and Its importance and how to present the same.
CO2	Automobile -Car -Two-Wheeler • Cold drinks or new juice introduction in the atrium.
CO3	Mobile displays • Its importance and use • Introducing new products with the help of publicity material like placard, hoarding, leaflet/flyers.
CO4	Exercises on cosmetic display, landscape, plants and landscape accessories display.

Course Details

UNIT-I Atrium/ Foyer Display

- What is atrium or foyer display?
- Its importance and how to present the same?
- Scope of atrium display,
- Planning and colored view for approval on sheet/ drawings.

UNIT-II Automobile

-Car

-Two Wheeler

- Cold drinks or new juice corner introduction in the atrium

UNIT-III Mobile displays

- Its importance and use
- Introducing new products with the help of publicity material like placard, hoarding, leaflet/flyers

UNIT-IV

Exercises on cosmetic display, landscape, plants and landscape accessories display

NOTE: Students must visit malls, shopping areas, exhibitions for the understanding the same.

Text Book(s):

[T1] Image India by Dhamija

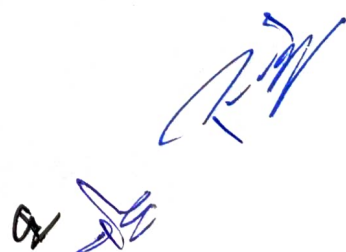
[T2] Indian folk art and craft by Dhamija

[T3] Indian cultures through the ages by Vidyarthi

Reference Book(s):

[R1] International shop design by Kasper

[R2] Indian architecture according to silpsastra by Acharya



Course Code: DID-4008N

Breakup: 0 – 1 – 6 – 4

Course Name: Interior Project-II

Course outcomes (CO): At the end of the course, the student will be able to:

CO1	Understand the principles of educational and activity-based interior design for children and creative learning environments.
CO2	Analyze the spatial, functional, psychological, and safety requirements of nursery schools, day boarding facilities, and creative art centers.
CO3	Develop innovative and child-friendly interior concepts with appropriate space planning, furniture design, color schemes, and activity zoning.
CO4	Design learning and recreational spaces that encourage creativity, interaction, comfort, and physical as well as mental development.

Course Details

UNIT I: Introduction to Educational Space Design

This unit introduces the design of child-centric educational environments with emphasis on nursery schools and day boarding facilities. Students will study user requirements, child psychology, safety, functional zoning, circulation, and learning environments through case studies and site analysis.

UNIT II: Nursery School and Day Boarding Design

This unit focuses on planning classrooms, activity areas, play spaces, dining areas, washrooms, and staff facilities. Emphasis is placed on child-friendly furniture, safety, accessibility, lighting, ventilation, and interactive learning environments.

UNIT III: Landscape and Ambience Development

This unit explores the design of outdoor learning and recreational spaces, including play areas, pathways, seating zones, planting schemes, and landscape features. Attention is given to ambience creation through colour, texture, lighting, and sensory elements.

UNIT IV: Creative Art Center Design

This unit deals with the planning and design of creative learning spaces for dance, music, drama, painting, and workshops. Students will study flexible studio planning, lighting, acoustics, display systems, and collaborative learning environments.

UNIT V: Integrated Design Project

This unit enables students to develop a comprehensive design project based on an educational or activity-based space. The project shall include concept development, space planning, furniture layouts, landscape integration, and presentation drawings.

Note

Students shall undertake field visits and case studies of educational and activity-based environments to gain practical understanding of user needs, space planning, and design applications.

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Course Code: DID-5001 **N**
Course Name: Technical English

Breakup: 2 – 0 – 0– 2

Course outcomes (CO): At the end of the course, the student will be able to:

CO1	Technical writing skills and stages.
CO2	Formal formatting and citation
CO3	Writing and designing for electronic media
CO4	Research and writing ethics.

Course Details

UNIT-I

Technical Writing: Definition, Purpose, and Characteristics of Technical Writing.

Technical Writing Skills: Methods and means of the Pre-writing stage, the Writing Stage and the Post-Writing Stage.

UNIT-II

Formal Formatting: Arrangement of Formal Elements, Front Material, Format Devices in the Body of Formal Report-Heading, Pagination, End Material - Citations, References and Bibliography, Appendix.

UNIT-III

Writing and Designing for Electronic Media: Use of Internet as a Writing tool; designing and writing for multimedia applications and the World Wide Web.

UNIT-IV

Research and Writing Ethics: Explaining Forms and Consequences of Plagiarism, Introduction to Intellectual Property Right and Copy Right Laws.

Text Book(s):

[T1] Sides, Charles H., "How to Write and Present Technical Information", Cambridge Univ. Press, 1999.

[T2] Basu, B. N., "Technical Writing", PHI Learning Pvt. Ltd., 2007.

Reference Book(s):

[R1] Beer, David F. and David A. McMurrey, "A Guide to Writing as an Engineer", New York: Wiley, 2005.

[R2] Gibaldi, Joseph, and Walter S. Achtert, "MLA Handbook for Writers of Research Papers, Thesis, and Dissertations", Modern Language Association, 1980.

[R3] Rubens, Philip, "Science and Technical Writing: A Manual of Style", Routledge, 2002.

[R4] Anderson, Marilyn, Pramod K. Nayar, and Madhucchandra Sen, "Critical Thinking, Academic Writing and Presentation Skills", Pearson, 2010.



Course Code: DID-5002N

Breakup: 2 – 1 – 0 - 3

Course Name: Entrepreneurship, & Project Management

Course outcomes (CO): At the end of the course, the student will be able to:

CO1	Describe the characteristics/attributes of interior designer professionals.
CO2	Describe the educational and professional requirements to be an interior designer;
CO3	Describe the different functions of profession in business activities.

CO4	Understand project characteristics and various stages of a project.
CO5	Understand the conceptual clarity about project organization and feasibility analyses.
CO6	Market, Technical, Financial and Economic. Analyse the learning and understand techniques for Project planning, scheduling, and Execution Control.
CO7	Apply the risk management plan and analyse the role of stakeholders.
CO8	Understand the contract management, Project Procurement, Service level
CO9	Agreements and productivity.
CO10	Understand the How Subcontract Administration and Control are practiced in the industry.

UNIT – I : Entrepreneurship and Professional Practice

This unit introduces the concept, nature, scope, and importance of entrepreneurship and self-employment in India. Students will study entrepreneurial qualities, leadership skills, decision-making abilities, and different forms of business organizations such as sole proprietorships, partnerships, co-operative societies, and public and private undertakings. The unit also covers professional practice in interior design, including contract documents, conditions of engagement, responsibilities and liabilities of designers, contractors, and owners, professional fees, office setup, and administrative procedures.

UNIT – II : Legal Ethics and Professional Procedures

This unit focuses on professional ethics, code of conduct, and legal responsibilities in interior design practice. Students will study ethical responsibilities towards clients, contractors, consultants, and society, along with confidentiality and professional conduct. The unit also covers legal aspects of agreements, contracts, professional fees, dispute settlement, arbitration procedures, and ethical advertising practices. In addition, students will learn professional procedures related to project execution, record maintenance, estimation, costing, scheduling, budget control, and coordination of subcontractors and project activities.

UNIT – III : Entrepreneurial Support System and Management Principles

This unit introduces entrepreneurial support systems, market survey techniques, business opportunities, and government support for entrepreneurs. Students will study procedures for setting up small-scale industries and enterprises along with sources of finance and business information. The unit also covers principles of management, managerial functions such as planning, organizing, staffing, directing, and controlling, as well as industrial management, personnel management, recruitment, training, wage administration, and industrial relations.

UNIT – IV : Project Management, Site Practices, and Business Operations

This unit focuses on project management techniques and site practices related to interior design projects. Students will study project planning, scheduling methods such as bar charts, Gantt charts, CPM, and PERT, along with site supervision, quality control, and project monitoring. The unit also covers local by-laws, renovation regulations, material handling, labor practices, costing methods, marketing concepts, sales techniques, financial assistance, and coordination among clients, contractors, suppliers, and consultants. Procedures related to project completion, handover, and maintenance will also be included.

Course Code: DID-5003N

Breakup: 1 – 0 – 4 -3

43Course Name: Exhibition Portfolio & Presentation skills

Course outcomes (CO): At the end of the course, the student will be able to:

CO1	Understand the significance of portfolios, exhibitions, and professional presentations in the field of Interior Design
CO2	Apply principles of visual communication, graphic design, typography, and layout composition in portfolio development.
CO3	Organize and document design projects effectively through drawings, renderings, photographs, and technical details.
CO4	Develop professional academic, digital, and industry-oriented portfolios showcasing design skills and achievements.
CO5	Create exhibition displays using presentation boards, models, graphics, signage, and display systems.
CO6	Prepare comprehensive presentation materials including plans, elevations, sections, perspectives, mood boards, and multimedia content.
CO7	Demonstrate effective communication, public speaking, and presentation skills during design juries, client meetings, and exhibitions.
CO8	Present and defend design concepts confidently through professional portfolio reviews, exhibitions, and formal presentations.

Course Details

UNIT-I: Portfolio Planning & Documentation

This unit introduces the importance of portfolios in Interior Design and their role in academic and professional practice. Students will learn methods of project selection, documentation, organization of drawings, photographs, sketches, and development of project narratives for effective portfolio presentation.

UNIT-II: Visual Communication & Graphic Presentation

This unit focuses on principles of visual communication including layout design, typography, color schemes, composition, and graphic hierarchy. Students will develop skills in creating visually appealing portfolio pages and presentation boards using both manual and digital techniques.

UNIT-III: Digital Portfolio Development

This unit covers the preparation of professional digital portfolios using design software and multimedia tools. Students will learn digital page layout, image editing, portfolio formatting, online portfolio platforms, and techniques for presenting design work through digital media.

UNIT-IV: Exhibition Design & Display Techniques

This unit introduces exhibition planning and display systems for showcasing design projects. Students will explore display panel design, model presentation, exhibition graphics, signage, lighting considerations, and spatial arrangement of exhibits to create engaging exhibition environments.

UNIT–V: Professional Presentation Skills

This unit develops verbal, visual, and professional communication skills required for design presentations. Students will learn presentation techniques, public speaking, client interaction, portfolio review methods, jury presentations, interview preparation, and effective use of multimedia tools for professional design communication.

Textbook(s)

- [T1] Gregory Peters, *Creating a Portfolio: Displaying Your Design Work*
- [T2] Harold Linton, *Portfolio Design*
- [T3] Gavin Ambrose & Paul Harris, *The Presentation Manual*
- [T4] David Dernie, *Architectural Drawing*
- [T5] Francis D.K. Ching, *Design Drawing*
- [T6] Beth Tondreau, *Layout Essentials: 100 Design Principles for Using Grids*

Reference Book(s)

- [R1] Steven Heller & Teresa Fernandes, *Becoming a Graphic and Digital Designer: A Guide to Careers in Design*
- [R2] Paul Emmons, John Hendrix & Jane Lomholt, *The Cultural Role of Architecture: Contemporary and Historical Perspectives*
- [R3] David Airey, *Work for Money, Design for Love*
- [R4] Robert Klanten, Sven Ehmann & Floyd Schulze, *Presentation Design Now*
- [R5] Tony Russell, *The Art of Presentation*
- [R6] Linda O'Shea, *The Interior Design Portfolio: An Essential Guide for Students*

Course Code: DID-5004N
Course Name: Product Design

Breakup: 1 – 1 – 4 - 4

Course outcomes (CO): At the end of the course, the student will be able to:

CO1	Understand the principles, scope, and importance of visual merchandising and exhibition design in retail, commercial, and public environments.
CO2	Develop creative display concepts for atriums, foyers, product launches, kiosks, exhibitions, carnivals, and trade fairs using effective space planning and thematic presentation techniques.
CO3	Apply principles of circulation, zoning, focal points, lighting, props, and branding in display and exhibition design projects.
CO4	Design innovative product display systems for automobiles, beverages, electronics, lifestyle products, and retail environments with suitable publicity materials and signage.
CO5	Plan and execute thematic exhibition spaces, mela setups, carnival installations, and temporary pavilion structures with functional and aesthetic considerations.
CO6	Create professional presentation drawings including layout plans, display details, exhibition layouts, signage systems, and colored 3D visualizations.
CO7	Analyze customer behavior, branding requirements, and marketing strategies to enhance user engagement through effective visual merchandising techniques.
CO8	Demonstrate professional skills in exhibition planning, retail display design, and presentation methods suitable for independent practice and industry applications.

Course Details

UNIT – I : Introduction to Visual Merchandising & Atrium Display Design

Meaning, scope, and importance of Visual Merchandising ,Role of display design in retail and commercial environments ,Atrium and foyer displays: concepts, applications, and thematic installations,Principles of display composition and customer attraction,Planning, zoning, circulation, and focal points in display areas,Preparation of presentation sheets and colored renderings, Case studies of mall atrium displays and retail installations, Introduction to mela and carnival design ,Difference between mela, carnival, and exhibition spaces,Importance of exhibitions and display systems in branding and marketing.

Studio Exercise

Design of an atrium/foyer display or mela/carnival installation based on a seasonal or festive theme.

UNIT – II : Product Display & Promotional Design

Automobile & Product Displays

Car display platforms and exhibition layouts. Two-wheeler display concepts and branding. Product highlighting through lighting, props, and display systems.

Beverage, Lifestyle & Electronic Product Displays

Cold drink/new juice introduction kiosks.Branding and thematic presentation techniques. Mobile and electronic product launch displays.Integration of digital and printed publicity materials.

Publicity & Promotional Materials

Placards ,Hoardings ,Flyers and leaflets, Promotional graphics and signage systems ,Temporary display counters and kiosks

Course Code: DID-5002N

Breakup: 2 – 1 – 0 – 3

Text Book(s):

- [T1] Professional Practice by Dr. Roshan H. Namavati
- [T2] Metric Handbook (Planning & Design Data) 2nd Ed. Edited by, David Adler
- [T3] Entrepreneurship development and management by R. K. Singhal
- [T4] Strategic Entrepreneurship by P. K. Gupta

Reference Book(s):

- [R1] Professional Practice by Krishnamurthy K.G
- [R2] The Construction of Building by R. Barry.
- [R3] Construction management and accounts by V. N. Vazirani & S. P. Chandola
- [R4] Principles of management by Y. K. Bhushan

24/5

Course Code: DID-5004 N

Breakup: 1 – 1 – 4 – 4

Studio Exercise

Design a product launch display for automobile, beverage, mobile, or lifestyle products with presentation sheets and colored 3D views.

UNIT – III : Exhibition, Carnival & Event Space Design

Design and planning of mela spaces such as Surajkund Mela or Diwali Mela, Carnival planning for schools, colonies, and public spaces. Christmas and New Year thematic installations. Use of accessories, props, lighting, and temporary structures in exhibition spaces. Exhibition planning considering circulation and visitor movement. Group and individual exhibitions under one roof. Exhibition spaces for: Interior Designers, Furniture Designers, Accessories Designers, Lighting Designers, New Material Launches

3D visualization and colored presentation techniques.

Studio Exercise

Design a carnival, mela, or thematic exhibition setup with complete planning and 3D visual presentation.

UNIT – IV : Professional Exhibition & Trade Fair Design

Professional exhibition and trade fair planning. Weekend exhibitions and one-day promotional events. Temporary pavilion and kiosk design concepts. Exhibition layouts for different states, countries, and brands. Landscape elements, plants, and accessory displays in exhibitions. Cosmetic, lifestyle, and retail display exercises. Presentation techniques for studio and professional projects. Methods of presenting exhibition concepts through drawings and 3D views. Site visits to trade fairs, malls, and exhibition grounds for practical understanding. Scope and opportunities as a Visual Merchandising and Exhibition Designer.

Studio Exercise

Complete exhibition or trade fair project including: Layout Plan, Display Planning, Lighting & Signage Details, Colored Presentation Sheets 3D Views and Visualization Techniques

Text Book(s):

- [T1] Image India by Dhamija
- [T2] Indian folk art and craft by Dhamija
- [T3] Indian cultures through the ages by Vidyarthi

Reference Book(s):

- [R1] International shop design by Kasper
- [R2] Indian architecture according to silpsastra by Acharya

Course Code: DID-5005 N

Breakup: 2 – 2 – 4- -6

Course Name: Interior Project-III

Course outcomes (CO): At the end of the course, the student will be able to:

CO1	Designing a Project which can be undertaken (anyone) is Bank, Library or Airlines office. First, they must study the existing office by the visiting and understanding the work of the project, minimum space requirement and division of workstations.
CO2	Detailed Drawings and views.
CO3	Preparing Sample chart 1) wall finishes like paint or any other finish 2) floor finish samples, ceiling finishes with samples.
CO4	Designing a Project which can be undertaken (anyone) is Bank, Library or Airlines office. First, they must study the existing office by the visiting and understanding the work of the project, minimum space requirement and division of workstations.

Course Details

Project 1 -Project which can be (any one) is Bank, Library or Airlines office.

First, they must study the existing office by the visiting and understanding the work of the project, minimum space requirement and division of workstations.

Submit a report of their visit with some existing areas. Drawings requires in the form of sketches. Give a presentation on the same in the class.

Project 2- Mall, Medical interior (nursing home, poly clinic, E.N.T. or dental clinic) (any one)

The student must study any one given project by visiting the existing sites; understand the working and requirement of the existing interior of the same.

An independent presentation by the student in class Then the project will be given by teacher to students.

Drawing required: Number of people working Workstations, Furniture layout plan with amenities required, Finishes: wall, floor and ceiling, Light/ electric plan, Elevation of all existing areas, 3D views with color, Sample chart-wall finishes like paint or any other finish, floor finish samples, ceiling finishes with samples, Furnishing samples with all rates and fixing expenditure, etc. which would give the approx. expenditure to be incurred in the project. VIVA on the project with internal and external exams to be held after the submission of the project using AutoCAD.

Text Book(s):

- [T1] Color dictionary by Brasi & Workman
- [T2] Indian history by Goyal
- [T3] Floor design by Sareen
- [T4] Ideal home book of kitchen
- [T5] Great interiors by Grant
- [T6] Interior design principles by M. Pratap Rao

Reference Book(s):

- [R1] Interior design by Ahmed A. Kasu
- [R2] Encyclopedia for color theory
- [R3] Illustrated history of Interior Decoration by Pra

Course Code: DID-5006 N

Breakup: 1 – 1 – 4 -4

Course Name: Visual Merchandising-II

Course outcomes (CO): At the end of the course, the student will be able to:

CO1	Understand the principles, scope, and importance of visual merchandising and exhibition design in retail, commercial, and public environments.
CO2	Develop creative display concepts for atriums, foyers, product launches, kiosks, exhibitions, carnivals, and trade fairs using effective space planning and thematic presentation techniques.
CO3	Apply principles of circulation, zoning, focal points, lighting, props, and branding in display and exhibition design projects.
CO4	Design innovative product display systems for automobiles, beverages, electronics, lifestyle products, and retail environments with suitable publicity materials and signage.
CO5	Plan and execute thematic exhibition spaces, mela setups, carnival installations, and temporary pavilion structures with functional and aesthetic considerations.
CO6	Create professional presentation drawings including layout plans, display details, exhibition layouts, signage systems, and colored 3D visualizations.
CO7	Analyze customer behavior, branding requirements, and marketing strategies to enhance user engagement through effective visual merchandising techniques.
CO8	Demonstrate professional skills in exhibition planning, retail display design, and presentation methods suitable for independent practice and industry applications.

Course Details

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Studio Exercise

Design of an atrium/foyer display or mela/carnival installation based on a seasonal or festive theme.

UNIT – II : Product Display & Promotional Design

Automobile & Product Displays

Car display platforms and exhibition layouts. Two-wheeler display concepts and branding. Product highlighting through lighting, props, and display systems.

Beverage, Lifestyle & Electronic Product Displays

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Publicity & Promotional Materials

Placards ,Hoardings ,Flyers and leaflets, Promotional graphics and signage systems ,Temporary display counters and kiosks

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Studio Exercise

Design a product launch display for automobile, beverage, mobile, or lifestyle products with presentation sheets and colored 3D views.

UNIT – III : Exhibition, Carnival & Event Space Design

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3D visualization and colored presentation techniques.

Studio Exercise

Design a carnival, mela, or thematic exhibition setup with complete planning and 3D visual presentation.

UNIT – IV : Professional Exhibition & Trade Fair Design

Professional exhibition and trade fair planning. Weekend exhibitions and one-day promotional events. Temporary pavilion and kiosk design concepts. Exhibition layouts for different states, countries, and brands. Landscape elements, plants, and accessory displays in exhibitions. Cosmetic, lifestyle, and retail display exercises. Presentation techniques for studio and professional projects. Methods of presenting exhibition concepts through drawings and 3D views. Site visits to trade fairs, malls, and exhibition grounds for practical understanding. Scope and opportunities as a Visual Merchandising and Exhibition Designer.

Studio Exercise

Complete exhibition or trade fair project including: Layout Plan, Display Planning, Lighting & Signage Details, Colored Presentation Sheets 3D Views and Visualization Techniques

Text Book(s):

- [T1] Image India by Dhamija
- [T2] Indian folk art and craft by Dhamija
- [T3] Indian cultures through the ages by Vidyarthi

Reference Book(s):

- [R1] International shop design by Kasper
- [R2] Indian architecture according to silpsastra by Acharya

Course Code: DID-6001N

Breakup: 0 – 0 – 0 -- 30

Course Name: PRACTICAL TRAINING

Course Outcome	Attain hands-on experience on alive project
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B. AIMS OF PRACTICAL TRAINING:

1. The aim of the 'Practical Training' is to enable the students to gain the kind and range of practical experience which will prepare them for their likely responsibilities, immediately after qualifying B.VOC (Interior Design) Course.
2. The 'Practical Training' should be regarded as an important academic activity. However good the arrangement of training may be, the trainee student, still, has the responsibility to use his own initiative in making the best use of the opportunities which he/she gets during training period and prepare himself/herself for the profession.
3. The student should try to seek a variety of experiences in his/her 'Training office' to acquaint himself/herself with various works, procedures etc. of building trade.

GUIDELINES FOR STUDENT TRAINEE

1. Criteria for selection of a Training Office

- In case of proprietorship firm, the proprietor shall be an architect; also, the firm shall have at least two or more architects as employee/associates.
- In case of 'Partnership' / 'Pvt. Ltd.' Firms, at least one of the partner/directors shall be an architect, and the firm shall have at least one or more architects as Partner/director/employee/ associate.
- In case of a 'Public-sector' / 'State or Central Government office / Academic institute or a multinational organization', there shall be a separate wing for architectural consultancy works.
- The said architect (Proprietor/Partner/Director/Head of Department/Chief Architect etc.) shall have at least 10 years of working experience and the organization should have a variety of projects.

2. Working Relationship between Architect and Trainee

- The architect shall provide enough jobs to the trainee to keep him/her occupied.
- The Architect shall expose the trainee to difference aspects of professional practice.