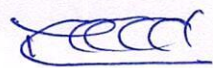


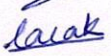

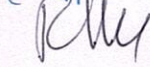


Proceedings of the Meetings of the Board of Studies in M.Des. (FDM), M. Des. (IDM), B. Des. (FDM) & B. Des. (IDM) (CB) Vogue Institute of Design, Koppa, Maddur Tq. held on 20-12-2024 at 11:00 a.m.

Ref.: PMEB – 5/ Spl - 31/2022-23, Dated: 19-11-2024.

MEMBERS PRESENT:

- | | | |
|------------------------------|--------------------|---|
| 1. Prof. R Mahesh | - Chairperson, BOS |  |
| 2. Prof. RSS Rao | - Member |  |
| 3. Mr. Ramesh P.K. | - Member |  |
| 4. Ar. Jayalakshmi S. Barker | - Member |  |
| 5. Dr. Jyoti Kordhanyanth | - Member |  |
| 6. Dr. Kiran Rajashekar | - Member |  |

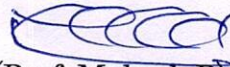
The meeting was initiated with a welcome speech by Chairman of the board. The importance of the meeting was presented along with the agenda of framing the syllabus and regulation for B. Des. (Fashion Design Management) & B.Des (Interior Design Management) program.

After detailed discussion among the members, the following were resolved to be recommended.

The proposed B. Des. (Fashion Design management) & B. Des (Interior Design Management) program offered under the SEP regulations being followed by the university from time to time.

The Eligibility criteria, Syllabus for 2nd, 3rd & 4th year and methodology of assessment and evaluation for B. Des. (Fashion Design Management) & B. Des. (Interior Design Management) program Prepared & approved.

Finally, the chairman of BoS thanked all the members for their valuable time, support and valuable suggestions.


(Prof. Mahesh R)

Chairperson, BOS

Dr. R. MAHESH M.B.A. Ph.D
Professor & Chairman of the Board of Studies (BOS)
M. DES (Fashion Design Management)
M.Des (Interior Design Management)
B.Des(Fashion Design & Management)
B.Des (Interior Design & Management)
University of Mysore
Mysore-570006

SCHEME OF EXAMINATION								
B. Des. FASHION DESIGN MANAGEMENT								
SEMESTER I - SEP								
CODE	Subjects	Paper Theory/ Practical	Instruction hrs./week	Duration of Exam (hrs.)	Marks			CREDIT
					IA	Exam	Total	
L1	Language I	Theory	4	3	20	80	100	3
L2	Language II	Theory	4	3	20	80	100	3
FAD 1.1 T	Basics of designing	Theory	4	3	20	80	100	3
FAD 1.1 P	Basics of designing	Practical	4	3	10	40	50	2
FAD 1.2 T	Professional Practices and Ethics	Theory	4	3	20	80	100	3
FAD 1.3 P	Surface Design	Practical	4	3	10	40	50	2
FAD 1.4 T	Historical Design and Art Movements I	Theory	4	3	20	80	100	3
FAD 1.4 P	Historical Design and Art Movements I	Practical	4	3	10	40	50	2
FAD 1.6 T	Compulsory 1 (Constitutional Values)	Theory	2	1.5	10	40	50	2
				Total			700	23

B. Des. FASHION DESIGN MANAGEMENT								
SEMESTER II - SEP								
CODE	Subjects	Paper Theory/ Practical	Instruction hrs./week	Duration of Exam (hrs.)	Marks			CREDIT
					IA	Exam	Total	
L1	Language I	Theory	4	3	20	80	100	3
L2	Language II	Theory	4	3	20	80	100	3
FAD 2.1 T	Design Thinking	Theory	4	3	20	80	100	3
FAD 2.1 P	Design Thinking	Practical	4	3	10	40	50	2
FAD 2.2 T	Historical Design and Art Movements II	Theory	4	3	20	80	100	3
FAD 2.2 P	Historical Design and Art Movements II	Practical	4	3	10	40	50	2
FAD 2.3 T	Entrepreneurship skills	Theory	4	3	20	80	100	3
FAD 2.4 P	Office Suite Essentials	Practical	4	3	10	40	50	2
	Compulsory 2 (EVS)	Theory	2	1.5	10	40	50	2
				Total			700	23

SCHEME OF EXAMINATION

B. Des. FASHION DESIGN MANAGEMENT

SEMESTER III - SEP								
CODE	Subjects	Paper Theory/ Practical	Instruction hrs./week	Duration of Exam (hrs.)	Marks			CREDIT
					IA	Exam	Total	
L1	Language I - French	Theory	3	3	20	80	100	3
L2	Language II - English	Theory	3	3	20	80	100	3
FAD 3.1T	Textile Science	Theory	3	3	20	80	100	4
FAD 3.1P	Textile Science	Practical	3	3	10	40	50	2
FAD 3.2P	Fundamentals of Fashion Design	Practical	3	3	10	40	50	2
FAD 3.3P	Fundamentals of Garment Construction	Practical	3	3	20	80	100	3
FAD 3.4T	Introduction to Fashion Business	Theory	3	3	20	80	100	3
FAD 3.5T	Business Communication	Theory	3	3	20	80	100	3
				Total			700	23

B. Des. FASHION DESIGN MANAGEMENT

SEMESTER IV - SEP								
CODE	Subjects	Paper Theory/ Practical	Instruction hrs./week	Duration of Exam (hrs.)	Marks			CREDIT
					IA	Exam	Total	
L1	Language I - French	Theory	3	3	20	80	100	3
L2	Language II - English	Theory	3	3	20	80	100	3
FAD 4.1 T	Home Textiles	Theory	4	3	20	80	100	3
FAD 4.1 P	Home Textiles	Practical	3	3	10	40	50	2
FAD 4.2 T	Fashion Design and Illustration	Theory	4	3	20	80	100	4
FAD 4.2 P	Fashion Design and Illustration	Practical	3	3	10	40	50	2
FAD 4.3 P	Children's Apparel Production	Practical	3	3	20	80	100	3
FAD 4.4 T	Financial Education & Investment Awareness	Theory	3	3	20	80	100	3
				Total			700	23

B. Des. FASHION DESIGN MANAGEMENT								
SEMESTER VII - SEP								
CODE	Subjects	Paper Theory/ Practical	Instruction hrs./week	Duration of Exam (hrs.)	Marks			CREDIT
					IA	Exam	Total	
FAD 7.1 T	Forecasting and Trend Analysis	Theory	3	3	20	80	100	4
FAD 7.2 T	Apparel Export Documentation	Theory	3	3	20	80	100	3
FAD 7.3 T	Fashion Styling	Theory	3	2	20	80	100	3
FAD 7.3 P	Fashion Styling	Practical	3	3	10	40	50	2
FAD 7.4 P	Fashion Portfolio and Design Collection	Practical	3	3	20	80	100	3
FAD 7.5 P	Fashion Accessories	Practical	3	3	20	80	100	3
FAD 7.6 P	Fashion Draping	Practical	3	3	10	40	50	2
FAD 7.7T	Logistics & Supply Chain Management	Theory	3	3	20	80	100	3
					TOTAL		700	23

B. Des. FASHION DESIGN MANAGEMENT								
SEMESTER VIII - SEP								
CODE	Subjects	Paper Theory/ Practical	Instruction hrs./week	Duration of Exam (hrs.)	Marks			CREDIT
					IA	Exam	Total	
FAD 8.1 T	Global Fashion Business	Theory	3	3	20	80	100	4
FAD 8.2 T	E-Commerce in Fashion	Theory	3	3	20	80	100	3
FAD 8.3 T	Apparel Quality Control	Theory	3	3	20	80	100	3
FAD 8.4 P	Boutique Management	Practical	2	3	10	40	50	2
FAD 8.5 T	Fashion Material	Theory	3	3	20	80	100	3
FAD 8.6 P	Visual Merchandising	Practical	3	3	10	40	50	2
FAD 8.7 P	Graduation Project	Practical	4	3	20	80	100	3
FAD 8.8 T	Entrepreneurship Development	Theory	3	3	20	80	100	3
					Total		700	23

B. Des. FASHION DESIGN MANAGEMENT													
SEMESTER I													
Paper Code	Title of the Paper	Credits			Credits	Marks						Total	
		L	T	P		CA		Theory		Practical			
						Max	Min	Max	Min	Max	Min	Max	Min
L1	Language I - French	4	0	0	3	20	8	80	32	-	-	100	40
L2	Language II - English	4	0	0	3	20	8	80	32	-	-	100	40
FAD 1.1 T	Basics of Designing	4	0	0	3	20	8	80	32	-	-	100	40
FAD 1.1 P	Basics of Designing	0	0	4	2	10	4	-	-	40	16	50	20
FAD 1.2 T	Professional Practices and Ethics	4	0	0	3	20	8	80	32	-	-	100	40
FAD 1.3 P	Surface Design	0	0	4	2	10	4	-	-	40	16	50	20
FAD 1.4 T	Historical Design and Art Movements-I	4	0	0	3	20	8	80	32	-	-	100	40
FAD 1.4 P	Historical Design and Art Movements-I	0	0	4	2	10	4	-	-	40	16	50	20
FAD 1.5 T	(Compulsory-1) Constitutional Values	2	0	0	2	10	4	-	-	40	16	50	20
	Total				23							700	

B. Des. FASHION DESIGN MANAGEMENT													
SEMESTER II													

Paper Code	Title of the Paper	Credits			Credits	Marks						Total	
		L	T	P		CA		Theory		Practical			
						Max	Min	Max	Min	Max	Min	Max	Min
L1	Language I - French	3	0	0	3	20	8	80	32	-	-	100	40
L2	Language II - English	3	0	0	3	20	8	80	32	-	-	100	40
FAD 2.1 T	Design Thinking	4	0	0	3	20	8	80	32	-	-	100	40
FAD 2.1 P	Design Thinking	0	0	3	2	10	4	-	-	40	16	50	20
FAD 2.2 T	Historical Design and Art Movements-II	4	0	0	3	20	8	80	32	-	-	100	40
FAD 2.2 P	Historical Design and Art Movements-II	0	0	4	2	10	4	-	-	40	16	50	20
FAD 2.3 T	Entrepreneurship Skills	4	0	0	3	10	4	-	-	80	32	100	40
FAD 2.4 P	Office Suite Essentials	0	0	4	2	10	4	-	-	40	16	50	20
FAD 2.5 T	(Compulsory-2) EVS	2	0	0	2	10	4	-	-	40	16	50	20
	Total				23							700	

For I and II Semester: SEP Language I – Indian Language / Foreign Language as offered from University of Mysore (UoM)

B. Des. FASHION DESIGN MANAGEMENT													
SEMESTER III													
Paper Code	Title of the Paper	Credits			Credits	Marks						Total	
		L	T	P		CA		Theory		Practical			
						Max	Min	Max	Min	Max	Min	Max	Min
L1	Language I - French	3	0	0	3	20	8	80	32	-	-	100	40
L2	Language II - English	3	0	0	3	20	8	80	32	-	-	100	40
FAD 3.1 T	Textile Science	3	0	0	4	20	8	80	32	-	-	100	40
FAD 3.1 P	Textile Science	0	0	3	2	10	4	-	-	40	16	50	20
FAD 3.2 P	Fundamentals of Fashion Design	0	0	3	2	10	4	-	-	40	16	50	20
FAD 3.3 P	Fundamentals of Garment Construction	0	0	3	3	20	8	-	-	80	32	100	40
FAD 3.4 T	Introduction to Fashion Business	3	0	0	3	20	8	80	32	-	-	100	40
FAD 3.5 T	Business Communication	3	0	0	3	20	8	80	32	-	-	100	40
	Total				23							700	

B. Des. FASHION DESIGN MANAGEMENT													
SEMESTER IV													

Paper Code	Title of the Paper	Credits			Credits	Marks						Total	
		L	T	P		CA		Theory		Practical			
						Max	Min	Max	Min	Max	Min	Max	Min
L1	Language I - French	3	0	0	3	20	8	80	32	-	-	100	40
L2	Language II - English	3	0	0	3	20	8	80	32	-	-	100	40
FAD 4.1 T	Home Textiles	4	0	0	3	20	8	80	32	-	-	100	40
FAD 4.1 P	Home Textiles	0	0	3	2	10	4	-	-	40	16	50	20
FAD 4.2 T	Fashion Design and Illustration	4	0	0	4	20	8	80	32	-	-	100	40
FAD 4.2 P	Fashion Design and Illustration	0	0	3	2	10	4	-	-	40	16	50	20
FAD 4.3 P	Children’s Apparel Production	3	0	0	3	10	4	-	-	80	32	100	40
FAD 4.4 T	Financial Education and Investment Awareness	3	0	0	3	20	8	80	32	-	-	100	40
	Total				23							700	

For III and IV Semester: SEP Language I – Indian Language / Foreign Language as offered from University of Mysore (UoM)

B. Des. FASHION DESIGN MANAGEMENT
SEMESTER VII

SEMESTER VII	
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Paper Code	Title of the Paper	Credits			Credits	Marks						Total	
		L	T	P		CA		Theory		Practical			
						Max	Min	Max	Min	Max	Min	Max	Min
FAD 7.1 T	Forecasting and Trend Analysis	3	0	0	4	20	8	80	32	-	-	100	40
FAD 7.2 T	Apparel Export Documentation	3	0	0	3	20	8	80	32	-	-	100	40
FAD 7.3 T	Fashion Styling	3	0	0	3	20	8	80	32	-	-	100	40
FAD 7.3 P	Fashion Styling	0	0	3	2	10	4	-	-	40	16	50	20
FAD 7.4 P	Fashion Portfolio and Design Collection	0	0	3	3	10	4	-	-	80	32	100	40
FAD 7.5 P	Fashion Accessories	0	0	3	3	10	4	-	-	80	32	100	40
FAD 7.6 P	Fashion Draping	0	0	3	2	10	4	-	-	40	16	50	20
FAD 7.7 T	Logistics and Supply Chain Management	2	0	0	3	20	8	80	32	-	-	100	40
	Total				23							700	

B. Des. FASHION DESIGN MANAGEMENT
SEMESTER VIII

SEMESTER VIII	
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Paper Code	Title of the Paper	Credits			Credits	Marks						Total	
		L	T	P		CA		Theory		Practical			
						Max	Min	Max	Min	Max	Min	Max	Min
FAD 8.1 T	Global Fashion Business	3	0	0	4	20	8	80	32	-	-	100	40
FAD 8.2 T	E Commerce in Fashion	3	0	0	3	20	8	80	32	-	-	100	40
FAD 8.3 T	Apparel Quality Control	3	0	0	3	20	8	80	32	-	-	100	40
FAD 8.4 P	Boutique Management	0	0	2	2	10	4	-	-	40	16	50	20
FAD 8.5 T	Fashion Materials	2	0	0	3	20	8	80	32	-	-	100	40
FAD 8.6 P	Visual Merchandising	0	0	2	2	10	4	-	-	40	16	50	20
FAD 8.7 P	Graduation Project	0	0	2	3	20	8	-	-	80	32	100	40
FAD 8.8 T	Entrepreneurship Development	2	0	0	3	20	8	80	32	-	-	100	40
	Total				23							700	

I Semester
B.Des. Fashion Design and Management
FAD 1.1 T - Basics of Designing (Theory)

FAD 1.1 T	Exam Hours: 03 Hrs.
Total Hrs.: 60	Exam Marks: 80
Number of Theory Credits: 4	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
1.Demonstrate a solid understanding of the fundamental elements and principles of design
2.Develop a strong foundation in typography
3.Master color theory and its application in design
4.Develop problem-solving and critical thinking skills
5.Create visually appealing and functional designs

Unit-1	15 Hrs.
Unit 1: Elements of Design <ul style="list-style-type: none"> • Introduction to design: Definition, purpose, and importance of design • Design principles: Harmony, balance, rhythm, emphasis, contrast, unity, and proportion • Design elements: Line, shape, form, space, texture, color, and value 	
Unit-2	15 Hrs.
Design Process and Tools <ul style="list-style-type: none"> • Design process: Research, ideation, development, prototyping, and evaluation • Design tools: Sketching, drawing, digital tools (e.g., Adobe Photoshop, Illustrator), and physical materials • Design software: Basic introduction to design software (e.g., Adobe Photoshop, Illustrator) 	
Unit-3	15 Hrs.
Typography and Layout <ul style="list-style-type: none"> • Typography: Understanding different fonts, typefaces, and their characteristics • Layout: Principles of layout design, including balance, hierarchy, and white space • Grid systems: Using grids to create organized and visually appealing layouts 	
Unit-4	15 Hrs.
Color Theory and Application <ul style="list-style-type: none"> • Color theory: Understanding color psychology, color harmony, and color palettes • Color application: Using color effectively in design projects • Color in different media: Applying color to different design mediums (e.g., print, digital) 	

References
<ul style="list-style-type: none">• "Design Basics" by Robin Landa• "The Art of Color" by Johannes Itten• "The Elements of Graphic Design" by Colin Forbes

I Semester
B.Des. Fashion Design and Management
FAD 1.1 P - Basics of designing (Practical)

FAD 1.1 P	Exam Hours: 03 Hrs.
Total Hrs.: 60	Exam Marks: 40
Number of Practical Credits: 2	Internal Assessment: 10

Course outcomes: On successful completion of the course, the students will be able to
1. Creating visual elements using elements and principles of design.
2. Analyzing various grid presentation to develop new designs.
3. Experimenting various color combinations with the color theories

Unit – 1	15 Hrs.
Elements and Principles of design: <ol style="list-style-type: none"> 1. Create a mood board using images that demonstrate different design principles and elements. 2. Illustrate new designs that represents each principles and elements of designs. 	
Unit – 2	15 Hrs.
Exploration of color mediums: Pencils, Charcoal, Color pencils, Watercolors, Acrylics, Poster colours, Inks and pastels.	
Unit – 3	15 Hrs.
Typography and Layouts: <ol style="list-style-type: none"> 1. Experiment different fonts and typefaces and create visually interesting designs. 2. Create poster layouts using grids and different design elements. 	
Unit – 4	15 Hrs.
Color Wheel: <ol style="list-style-type: none"> 1. Create Color Wheel 2. Create color palettes using different color theories- Complementary, Analogous, Monochromatic, Triad, Tetrad, Warm colors, cool colors, Split complementary and Gradated. 3. Experiment with different color combinations to create visually appealing designs. 	

I Semester
B.Des. Fashion Design and Management
FAD 1.2 T - Professional Practices and Ethics (Theory)

FAD 1.2 T	Exam Hours: 03 Hrs.
Total Hrs.: 60	Exam Marks: 80
Number of Theory Credits: 4	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
1. Demonstrate understanding of professional ethics and codes of conduct.
2. Apply ethical principles to decision-making in professional contexts.
3. Recognize and address ethical challenges in the workplace.
4. Communicate effectively on ethical issues with colleagues and clients.
5. Adhere to ethical standards and maintain professional integrity.

Unit – 1	15 Hrs.
Introduction to Professional Practices and Ethics <ul style="list-style-type: none"> • Definition of professional practices and ethics • Importance of professionalism in the design industry • Ethical considerations in the industry • Ethical codes and standards • Case studies of ethical dilemmas in the industry 	
Unit 2	20 Hrs.
Legal and Regulatory Framework <ul style="list-style-type: none"> • Intellectual property rights (IPR) in designs • Copyright, trademark, and patent laws • Label laws and regulations • Fair trade practices and certifications • Consumer protection laws 	
Unit 3	10 Hrs.
Sustainable Practices in Textiles and Fashion <ul style="list-style-type: none"> • Definition of sustainability • Sustainable materials and production processes • Environmental impact of the design industry • Ethical sourcing and fair labor practices • Sustainable design trends and initiatives 	
Unit – 4	15 Hrs.

Professional Development and Networking

- Importance of continuous learning and development
- Networking opportunities in the industry
- Building professional relationships
- Career planning and goal setting
- Professional etiquette and communication skills

References

- Billington, D. P. (2013). *Ethical dilemmas in design*. Routledge.
- Mace, R. L. (2004). *Universal design: The definitive guide to creating inclusive environments*. Wiley.
- Margolin, V. (2014). *Professional responsibility in design*. Routledge.
- Norman, D. (2013). *The design of everyday things*. Basic Books.
- Weinberger, D. M. (2017). *Design ethics: A primer*. MIT Press.

I Semester
B.Des. Fashion Design and Management
FD 1.3 P – Surface Design (Practical)

FAD 1.3 P	Exam Hours: 03 Hrs.
Total Hrs.: 60	Exam Marks: 40
Number of Practical Credits: 2	Internal Assessment: 10

Course outcomes: On successful completion of the course, the students will be able to
1. Understand the materials and tools used in surface design
2. Demonstrate mastery of various surface embellishment techniques.
3. Apply surface designs effectively on any product.

Unit – 1	10 hrs.
Basic Embroidery Stitches: <ul style="list-style-type: none"> • Straight line stitches: Running Stitch, Backstitch, Stem Stitch • Flat stitches: Satin Stitch, Cross Stitch, • Chain Stitch: Ordinary chain, twisted chain, open chain, Blanket Stitch, Feather and Buttonhole Stitch. • Knots: French knot, Bullion Knot 	
Unit – 2	20 hrs.
Present trend embellishment: Aari and Zardosi.	
Unit – 3	13 hrs.
Appliqué techniques, Patchwork, Quilting and Smocking	
Unit – 4	13 hrs.
Printing and painting techniques – block, screen and stencil ; Fabric painting	
Unit – 5	4 hrs.
Design and development of product using embellishment technique.	

I Semester
B.Des. Fashion Design and Management
FAD 1.3 T – Historical Design and Art Movements- I (Theory)

FAD 1.3 T	Exam Hours: 03 Hrs.
Total Hrs.: 60	Exam Marks: 80
Number of Theory Credits: 4	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
1. Demonstrate a comprehensive understanding of the major historical design and art movements.
2. Analyze the social, cultural, and technological factors that influenced these movements.
3. Evaluate the impact of these movements on contemporary design and art practices.
4. Identify key figures, works, and styles associated with each movement.
5. Critically analyze the aesthetic and conceptual underpinnings of these movements.

Unit – 1	13 hrs.
Ancient and Medieval Design: <ul style="list-style-type: none"> • Ancient Civilizations: Egyptian, Mesopotamian, Greek, Roman design. • Medieval Period: Byzantine, Gothic, Renaissance design. 	
Unit – 2	13 hrs.
Indus Valley Civilization and Vedic Period <ul style="list-style-type: none"> • Indus Valley Civilization: <ul style="list-style-type: none"> ○ Urban planning and architecture (Mohenjo-daro, Harappa) ○ Seals and their symbolism ○ Pottery and terracotta figurines • Vedic Period: <ul style="list-style-type: none"> ○ Vedic literature and its influence on art ○ Early temple architecture (Vimana, Garbhagriha) ○ Bronze sculptures and metalwork 	
Unit – 3	13 hrs.
Classical India: Mauryan and Gupta Periods <ul style="list-style-type: none"> • Mauryan Period: <ul style="list-style-type: none"> ○ Ashoka's pillar edicts and their artistic significance ○ Rock-cut architecture (Ajanta, Ellora) ○ Buddhist and Jain art (Stupas, Buddha statues) • Gupta Period: <ul style="list-style-type: none"> ○ Golden Age of Indian art ○ Temple architecture (Khajuraho, Konark) ○ Sculpture (Amaravati, Mathura) ○ Painting (Ajanta caves) 	

Unit – 4	13 hrs.
Medieval India: Rajput, Mughal, and Vijayanagara Periods <ul style="list-style-type: none"> • Rajput Period: <ul style="list-style-type: none"> ○ Rajput miniature painting ○ Rajput architecture (forts, palaces) • Mughal Period: <ul style="list-style-type: none"> ○ Mughal architecture (Taj Mahal, Red Fort) ○ Mughal miniature painting ○ Calligraphy and decorative arts • Vijayanagara Period: <ul style="list-style-type: none"> ○ Vijayanagara temple architecture (Hampi) ○ Bronze sculptures and metalwork 	
Unit – 5	8 hrs.
Mythical Creatures in Indian Stories: <ul style="list-style-type: none"> • Nagas and Yakshis: Serpent deities and nature spirits • Garudas : Divine bird • Hanuman: Monkey god • Yazhi: A Mythical Guardian of South Indian Temples 	

References
<ul style="list-style-type: none"> • Curl, J. S. (2003). The Oxford Dictionary of Architecture. Oxford University Press. • Dunne, A. (2004). Hertzian Fields: A Guide to Electromagnetic Radiation. Routledge. • Fleming, J., Honour, H., & Pevsner, N. (2014). The Penguin Dictionary of Design and Decoration. Penguin Books. • Frampton, K. (2002). Modern Architecture: A Critical History. Thames & Hudson.

I Semester
B.Des. Fashion Design and Management
FAD 1.3 P – Historical Design and Art Movements- I (Practical)

FAD 1.3 T	Exam Hours: 03 Hrs.
Total Hrs.: 60	Exam Marks: 80
Number of Theory Credits: 4	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
1. Understand the elements of Historical designs.
2. Evaluating the meaning of each design elements.
3. Replicating the historical designs.

Unit – 1	13 hrs.
1. Illustrate designs of Ancient Egypt. 2. Illustrate designs of Ancient Mesopotamia. 3. Illustrate designs of Ancient Greek. 4. Illustrate designs of Ancient Rome. 5. Illustrate designs of Medieval Period: Byzantine 6. Illustrate designs of Medieval Period: Gothic 7. Illustrate designs of Medieval Period: Renaissance design	
Unit – 2	13 hrs.
1. Illustrate Urban planning, architecture and symbols of Mohenjo-daro and Harappa 2. Illustrate ancient vimana, bronze sculptures and metal works.	
Unit – 3	13 hrs.
1. Illustrate Ashoka's pillar. 2. Illustrate art works representing Buddhism. 3. Illustrate art works representing Jainism. 4. Illustrate Temple architecture of Konark 5. Illustrate Paintings of Ajanta caves.	
Unit – 4	13 hrs.
1. Illustrate Rajput miniature painting 2. Illustrate Red Fort / Taj mahal 3. Illustrate Vijayanagara temple architecture of Hampi.	
Unit – 5	8 hrs.
1. Illustrate Nagas 2. Illustrate Garuda 3. Illustrate Yazhi 4. Illustrate Rakshasa 5. Illustrate Vanara	

I Semester
B.Des. Fashion Design and Management
Constitutional Values (Theory)

	Exam Hours: 1.5 Hrs.
Total Hrs.: 30	Exam Marks: 40
Number of Theory Credits: 2	Internal Assessment: 10

Course outcomes: On successful completion of the course, the students will be able to
1. Deep understanding of the Constitution.
2. Understanding of constitutional debates.
3. Awareness of constitutional remedies.

Unit-1	10 hrs.
Background to the study of Indian Constitution** Chapter-1: Philosophical and political Foundations of India: Dharma and Danda, Buddhist, Liberal (Raja Rammohan Roy) and Subaltern (Ranajit Guha)* Colonial Impact on Indian Society.** Chapter-2: Political Values and Ideals during freedom struggle: Non-Violence, Tolerance, (Gandhi) Co-Existence, Swarajya (Tilak), Voluntarism (Vinoba Bhave) Chapter-3: Political Contribution of Regional freedom struggle: Kittur Rani Chennamma, Hardekar Manjappa, Kamala Devi Chattopadhyaya.	
Unit-2	10 hrs.
Constitutional Development and its Philosophy Chapter-4: Historical background of Constitutional development in India- Developments between 1857 to 1952 (only Acts during this period must be taught), Composition and debates of Constituent Assembly (in brief), working of committees. Chapter-5: Philosophy and features of Indian Constitution- Preamble*, Salient features**, Constitutionalism, Dr B.R.Ambedkar and Nehru's contribution in the making of the Constitution. Chapter-6: Working of the Constitution- Fundamental Rights, Union-State and Inter-State Relations (Art.263, Inter-State disputes and trade and commerce), important Amendments to the Constitution*, Parliamentary Committees (Standing, Ad-hoc and Departmental)	
Unit-3	10 hrs.
Constitutional Institutions and Citizen's role Chapter-7: Parliamentary and Constitutional Institutions: Legislature* (Upper and Lower house), Executive (composition and powers), Judiciary (High Court and Supreme Court, its composition and jurisdiction), Comptroller and Auditor General, Election Commission. Chapter-8: Role and Responsibility of Citizens under Indian Constitution:	

Concept of citizenship, Citizenship Amendment Act, Fundamental Duties, Right to Information Act, Civil Society*.

Chapter-9: Goals and Policies of National Development enshrined in the Constitution:

Concept of National Development, Unity and Integrity of the nation, Goals of Educational Policies* (1986 and 2020), Role of teachers and students in Nation Building**.

II Semester
B.Des. Fashion Design and Management
FAD 2.1 T – Design Thinking (Theory)

FAD 2.1 T	Exam Hours: 03 Hrs.
Total Hrs.: 60	Exam Marks: 80
Number of Theory Credits: 4	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
1. Demonstrate a deep understanding of design thinking principles and methodologies
2. Develop critical thinking and problem-solving skills. Through the course
3. Cultivate a user-centered mindset.

Unit – 1	12 Hrs.
Introduction to Design Thinking <ul style="list-style-type: none"> What is design thinking? The design thinking process (empathize, define, ideate, prototype, test) The importance of human-centered design 	
Unit – 2	12 Hrs.
Empathy and User Research <ul style="list-style-type: none"> Understanding user needs and motivations User research methods (interviews, observations, surveys) Creating user personas 	
Unit – 3	12 Hrs.
Ideation and Creative Problem Solving <ul style="list-style-type: none"> Brainstorming techniques Mind mapping Design thinking tools (SCAMPER, TRIZ) 	
Unit – 4	12 Hrs.
Prototyping and Testing <ul style="list-style-type: none"> The role of prototyping in the design process Different types of prototypes (low-fidelity, high-fidelity) User testing and feedback 	
Unit - 5	12 Hrs
Design Thinking in Practice <ul style="list-style-type: none"> Case studies of successful design thinking projects Ethical considerations in design The future of design thinking 	

References
<ul style="list-style-type: none">• Brown, T. (2008). <i>Change by Design: The Transformative Power of Design Thinking</i>. HarperCollins.• IDEO. (2013). <i>IDEO Method Cards</i>. IDEO.• Stanford d.school. (2016). <i>The Design Thinking Toolbox</i>. Stanford University Press.

II Semester
B.Des. Fashion Design and Management
FAD 2.1 P –Design Thinking (Practical)

FAD 2.1 P	Exam Hours: 03 Hrs.
Total Hrs.: 60	Exam Marks: 40
Number of Practical Credits: 2	Internal Assessment: 10

Course outcomes: On successful completion of the course, the students will be able to
1. Empathize with users and understand their needs and perspectives.
2. Ideate creatively and generate innovative solutions to design problems.
3. Prototype and test their ideas to refine and improve them.

Unit – 1	13 hrs.
<ul style="list-style-type: none"> • Empathy Experiment: Conduct interviews with potential users to understand their needs and pain points. • User Persona Creation: Create detailed user personas based on your research. 	
Unit – 2	13 hrs.
<ul style="list-style-type: none"> • Brainstorming Session: Conduct a brainstorming session to generate a variety of ideas for a design problem. • Mind Mapping Exercise: Use mind mapping to explore different aspects of a design problem. • SCAMPER Exercise: Apply the SCAMPER technique to generate new ideas. 	
Unit – 3	12 hrs.
<ul style="list-style-type: none"> • Paper Prototyping: Create low-fidelity prototypes of your ideas. • User Testing: Conduct user testing to gather feedback on your prototypes. 	
Unit – 4	12 hrs.
<ul style="list-style-type: none"> • Iteration and Refinement: Make changes to your designs based on user feedback. • High-Fidelity Prototyping: Create high-fidelity prototypes of your final designs. 	
Unit – 5	10 hrs.
<ul style="list-style-type: none"> • Final Presentation: Present your final designs and the design thinking process you followed. 	

II Semester
B.Des. Fashion Design and Management
FAD 2.2 T – Historical Design and Art Movements II (Theory)

FAD 2.2 T	Exam Hours: 03 Hrs.
Total Hrs.: 60	Exam Marks: 80
Number of Theory Credits: 4	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
1. Demonstrate a comprehensive understanding of historical and contemporary design movements
2. Analyze the relationship between design, culture, and society
3. Explore the diversity of design practices and traditions
4. Develop a critical perspective on design and its role in the world
5. Appreciate the rich tapestry of mythical creatures and their cultural significance

Unit – 1	12 hrs.
The Enlightenment and Industrial Revolution: <ul style="list-style-type: none"> • Neoclassical and Rococo styles • Impact of the Industrial Revolution on design • Art Nouveau and Art Deco movements 	
Modernism and Post-Modernism: <ul style="list-style-type: none"> • Modernism: Bauhaus, International Style, Constructivism • Post-Modernism: Pop Art, Memphis Group, Deconstructivism 	
Unit – 2	12 hrs.
Cultural Movements and Social Change <ul style="list-style-type: none"> • Social movements: Civil rights, feminist, environmental, LGBTQ+ • Cultural revolutions: Hippie movement, punk rock, hip-hop • Cultural resistance and counterculture: Anti-globalization, indigenous movements • Cultural appropriation and cultural preservation 	

Unit – 3	12 hrs.
Subcultures and Identity <ul style="list-style-type: none"> • Youth subcultures: Mods, rockers, punks, goths • Ethnic subcultures: African American, Latino, Asian American • Regional subcultures: Southern, Midwestern, Western • Gender and sexuality subcultures • Identity formation and negotiation 	

Unit – 4	12 hrs.
Contemporary Design Movements: <ol style="list-style-type: none"> 1. Minimalism, Futurism, and Cyberpunk 2. Green and Sustainable Design 3. Digital and Interactive Design 	
Unit - 5	12 hrs.
Mythical creatures and their specifications. Griffin, Unicorn, Dragon, Centaur, Phoenix, Kitsune, Yeti, Chimera, Manticore, Sirens, Wendigo and Chupacabra.	

References
<ul style="list-style-type: none"> • Hall, S. (1997). The cultural industries and cultural identity. In S. Hall (Ed.), Representation: Cultural representations and the media (pp. 108-139). Sage Publications. • Hooks, b. (1994). Outlaw culture: Resisting representations. Routledge. • McLuhan, M. (1964). Understanding media: The extensions of man. McGraw-Hill. • Stuart Hall, S. (1997). Representation: Cultural representations and the media. Sage Publications

II Semester
B.Des. Fashion Design and Management
FAD 2.2 T – Historical Design and Art Movements II (Practicals)

FAD 2.2 T	Exam Hours: 03 Hrs.
Total Hrs.: 60	Exam Marks: 80
Number of Theory Credits: 4	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
1. Understand the elements of Historical designs.
2. Evaluating the meaning of each design elements.
3. Replicating the historical designs.

Unit – 1	12 hrs.
1. Illustrate art work representing Neoclassical 2. Illustrate art work representing Rococo style 3. Illustrate art work representing Art Nouveau 4. Illustrate art work representing Art Deco 5. Illustrate art work representing Constructivism 6. Illustrate art work representing Deconstructivism 7. Illustrate Pop Art	
Unit – 2	12 hrs.
1. Illustrate designs of Hippie movement 2. Illustrate designs of punk rock 3. Illustrate designs of hip-hop	
Unit – 3	12 hrs.
1. Illustrate designs of Mods 2. Illustrate designs of rockers 3. Illustrate designs of punks 4. Illustrate designs of Goths	
Unit – 4	12 hrs.
1. Illustrate art work representing Minimalism 2. Illustrate art work representing Futurism 3. Illustrate art work representing Cyberpunk	
Unit - 5	12 hrs.
Illustrate the mythical creatures: Griffin, Unicorn, Dragon, Centaur, Phoenix, Kitsune, Yeti, Chimera, Manticore, Sirens, Wendigo and Chupacabra.	

II Semester
B.Des. Fashion Design and Management
FAD 2.3 T Entrepreneurship Skills - (Theory)

FAD 2.3 T	Exam Hours: 03 Hrs.
Total Hrs.: 60	Exam Marks: 80
Number of Theory Credits: 4	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
1. Identify and develop entrepreneurial opportunities.
2. Understand the entrepreneurial mindset and process.
3. Acquire essential entrepreneurial skills.

Unit – 1	15 Hrs.
Introduction to Entrepreneurship <ul style="list-style-type: none"> • Definition of Entrepreneurship • The entrepreneurial mindset: innovation, risk-taking, resilience, passion, and perseverance. • The entrepreneurial journey: idea generation, market research, business planning, financing, launch, and growth. • The role of entrepreneurs in society: economic development, job creation, and social innovation. 	
Unit – 2	15 Hrs.
Entrepreneurial Opportunity Identification and Evaluation <ul style="list-style-type: none"> • Idea generation techniques: brainstorming, mind mapping, SCAMPER, TRIZ. • Market research: understanding customer needs, industry analysis, competitor analysis. • Feasibility analysis: technical feasibility, economic feasibility, market feasibility. • Business plan development: executive summary, market analysis, operations plan, financial projections. 	
Unit – 3	15 Hrs.
Entrepreneurial Skills and Leadership <ul style="list-style-type: none"> • Leadership skills: vision, communication, decision-making, teamwork. • Problem-solving and critical thinking: identifying and solving problems effectively. • Negotiation and persuasion: building relationships and influencing others. • Financial management: budgeting, cash flow management, financial analysis. • Marketing and sales: understanding customer needs, developing marketing strategies, and closing deals. 	
Unit – 4	15 Hrs.

Launching and Managing an Entrepreneurial Venture

- **Legal and regulatory considerations:** business structure, permits, licenses.
- **Financing options:** bootstrapping, angel investors, venture capital.
- **Operations management:** supply chain management, inventory control, quality control.
- **Marketing and sales strategies:** branding, advertising, public relations.
- **Scaling and growth:** expanding the business, managing growth challenges.

References

- Drucker, P. F. (2008). Innovation and Entrepreneurship. HarperBusiness.
- Sarasvathy, S. D. (2008). Effectuation: The Logic of Business Venturing. Routledge.
- Stevenson, A. G., & Sahlman, W. A. (2018). Business Plans: How to Write Them, How to Use Them. HarperBusiness.
- Timmons, J. A. (2015). New Venture Creation: A Decision-Making Approach. South-Western Cengage Learning.

II Semester
B.Des. Fashion Design and Management
FAD 1.2 P - Office Suite Essentials (Practical)

FAD 1.2 P	Exam Hours: 03 Hrs.
Total Hrs.: 60	Exam Marks: 40
Number of Practical Credits: 2	Internal Assessment: 10

Course outcomes: On successful completion of the course, the students will be able to
1. Identify different types of software and their purposes.
2. Use word processing software to create, edit, and format documents.
3. Create and manipulate spreadsheets using spreadsheet software.
4. Develop effective presentations using presentation software.
5. Perform basic image editing tasks using image editing software.

Unit – 1	20 Hrs.
Introduction to Computers and Software <ul style="list-style-type: none"> • Components of a computer system • Types of software (system software, application software) • Basic computer operations (starting, shutting down, using the mouse and keyboard) • File management and organization 	
Unit – 2	15 Hrs.
Word Processing Software <ul style="list-style-type: none"> • Create a poster with different fonts and images. • Create a data on any topic – the document must have charts/graphs • Create document on any design topic – the document must contain 4000 words. 	
Unit – 3	10 Hrs.
Spreadsheet Software <ul style="list-style-type: none"> • Creation of class marksheet with spread sheet • Creating charts and graphs representing the analysis of class marks. 	
Unit – 4	15 Hrs.
Presentation Software <ul style="list-style-type: none"> • Creating and designing presentations • Using templates and themes • Adding text, images, and multimedia elements • Delivering effective presentations 	

II Semester
B.Des. Fashion Design and Management
Environmental studies (Theory)

	Exam Hours: 1.5 Hrs.
Total Hrs.: 30	Exam Marks: 40
Number of Theory Credits: 2	Internal Assessment: 10

Course outcomes: On successful completion of the course, the students will be able to	
1.	Develop a deep understanding of various environmental issues, including pollution, climate change, biodiversity loss, and sustainable development.
2.	Analyze and evaluate environmental problems, considering various perspectives and potential solutions.
3.	Recognize the global nature of environmental problems and the need for international cooperation to address them.

Unit-1	4 Hrs.
Introduction to Environmental Studies Multidisciplinary nature of environmental studies Scope and importance; Concept of sustainability and sustainable development	
Unit-2	4 Hrs.
Ecosystems What is an ecosystem? Structure and function of ecosystem; Energy flow in an ecosystem: food chains, food webs and ecological succession. Case studies of the following ecosystems: a) Forest ecosystem, b) Grassland ecosystem, c) Desert ecosystem. Aquatic ecosystems (ponds, streams, lakes, rivers, ocean, estuaries)	
Unit-3	4 Hrs.
Natural Resources: Renewable and Non-Renewable Resources Land resources and land-use change: Land degradation, soil erosion and desertification. Deforestation: Causes and impacts due to mining, dam building on environment, forests, biodiversity and tribal populations Water: Use and over-exploitation of surface and ground water, floods, droughts, conflicts over water (international & inter-state). Energy resources: Renewable and non-renewable energy sources, use of alternate energy sources, growing energy needs, case studies.	
Unit-4	4 Hrs.

Biodiversity and Conservation

Levels of biological diversity: Genetic, species and ecosystem diversity, Biogeographic zones of India;

Biodiversity patterns and global biodiversity hot spots.

India as a mega-biodiversity nation; Endangered and endemic species of India.

Threats to biodiversity: Habitat loss, poaching of wildlife, man-wildlife conflicts, biological invasions,

Conservation of biodiversity: In-situ and Ex-situ conservation of biodiversity. Ecosystem and biodiversity services: Ecological, economic, social, ethical, aesthetic and Informational value.

Unit- 5

4 Hrs.

Environmental Pollution

Environmental pollution: types, causes, effects and controls; Air, water, soil and noise pollution, Nuclear hazards and human health risks, Solid waste management, Control measures of urban and industrial waste. Pollution case studies

Unit- 6

4 Hrs.

Environmental Policies & Practices

Climate change, global warming, ozone layer depletion, acid rain and impacts on human communities and agriculture. Environment Laws: Environment Protection Act, Air (Prevention & Control of Pollution) Act; Water (Prevention and control of Pollution) Act; Wildlife Protection Act, Forest Conservation Act. International agreements: Montreal and Kyoto protocols and Convention on Biological Diversity (CBD).

Nature reserves, tribal populations and rights, and human wildlife conflicts in Indian context

Unit- 7

6 Hrs.

Human Communities and the Environment

Human population growth: Impacts on environment, human health and welfare. Resettlement and rehabilitation of project affected persons, case studies.

Disaster management: floods, earthquake, cyclones and landslides.

Outline for Continuous Assessment

Theory

Activity	C1	C2	Total
Session Test	10%	-	10%
Seminars/Presentations/Activity	-	05%	05%
Attendance/Assignment	-	05%	05%
Total	10%	10%	20%

Practical

Activity	C1	C2	Total
Record/ Performance	05%	-	05%
Activity/Practice Exercise	-	05%	05%
Total	05%	05%	10%

QUESTION PAPER PATTERN (Theory)

I/II Sem. B.Des. Examination (2024-25 Onwards)

B.Des. Fashion Design and Management

Paper code and Title of the paper

MAX MARKS-80

TIME: 3Hrs

Instructions to the Candidates: *i. All sections are compulsory*
 ii. Illustrate wherever necessary

Section –A

I Answer any Ten of the following:

10X2=20

- 1.
- 2
- 3.
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12

Section –B

II Answer any Five of the following:

5X4=20

- 13
- 14
- 15
- 16
- 17
- 18
- 19

Section –C

III Answer any Five of the following:

5X8=40

- 20
- 21
- 22
- 23
- 24
- 25
- 26

QUESTION PAPER PATTERN (Practical)

I/II Sem. B.Des. Examination (2024-25 Onwards)

B.Des. Fashion Design and Management

Paper code and Title of the paper

MAX MARKS-40

TIME: 3 Hrs

Instructions to the Candidates: All the questions are compulsory

- | | |
|--------------|----------|
| 1. | 10 Marks |
| 2. | 10 Marks |
| 3. | 05 Marks |
| 4. Record | 10 Marks |
| 5. Viva Voce | 05 Marks |

III Semester
B.Des. Fashion Design and Management
Textile Science (Theory)

FAD 3.1 T	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Credits: 4	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
1. Understanding Fiber Properties
2. Yarn Formation and Fabric Construction
3. Demonstrate knowledge of textile manufacturing processes, including fiber processing
4. Evaluate the environmental impacts of textile production
5. Explore emerging technologies and innovations in textile science

Unit-1	5 Hrs.
Introduction to Textiles <ul style="list-style-type: none"> • Definition and Importance of Textiles • History and Evolution of Textiles • Classification of Fibers 	
Unit-2	10 Hrs.
Fiber Properties and Identification <ul style="list-style-type: none"> • Physical Properties of Fibers • Chemical Properties of Fibers • Fiber Identification Methods 	
Unit-3	10 Hrs.
Yarn Formation <ul style="list-style-type: none"> • Yarn Manufacturing - Spinning methods: ring spinning, open-end spinning, air-jet spinning. Types of yarns: filament, spun, textured, ply, core-spun yarns. 	
Unit-4	10 Hrs.
Fabric Construction <ul style="list-style-type: none"> • Fabric Construction Techniques – 1) Weaving: basic weaves (plain, twill, satin), complex weaves (jacquard, dobby). 2) Knitting: warp knitting, weft knitting.	

Unit- 5	10 Hrs
Textile Applications in Design <ul style="list-style-type: none"> • Textiles in Fashion Role of textiles in fashion design, drapability, texture, comfort, durability. • Textiles in Interior Design Upholstery, curtains, carpets, and other interior applications. • Textiles in Product Design Application of textiles in industrial design, furniture, accessories. 	
References: Books: <ol style="list-style-type: none"> 1. "Textiles: Fiber to Fabric" by Bernard P. Corbman 2. "Textile Science" by E.P.G. Gohl and L.D. Vilensky 3. "Textile Fibers, Dyes, Finishes, and Processes" by Howard L. Needles 4. "Fundamentals of Textiles and Their Care" by Susheela Dantyagi 5. "Sustainability in Fashion and Textiles: Values, Design, Production and Consumption" by Miguel Angel Gardetti and Ana Laura Torres 	

III Semester
B. Des. Fashion Design & Management
Textile Science (Practical)

FAD 3.1 P	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 40
Number of Credits: 2	Internal Assessment: 10

Course outcomes: On successful completion of the course, the students will be able to

1. Learn to identify different textile fibers
2. Understand the properties of various yarns and methods of yarn construction
3. Gain practical experience in constructing woven fabrics using basic weaving techniques.

Unit – 1	10 Hrs.
Fiber Identification Techniques <ul style="list-style-type: none"> • Introduction to Fibre Classification - Natural, synthetic, and regenerated fibers. • Visual Inspection Methods - Examining fibers for texture, luster, and color. • Physical fibre Identification Tests - Burn test for identifying different fibers based on flame behavior. • Chemical fibre Identification Tests - Solubility test using specific chemicals to differentiate fibers. • Microscopy for fibre Analysis - Examining fiber morphology under the microscope. 	
Unit – 2	10 Hrs.
Yarn Properties and Construction <ul style="list-style-type: none"> • Introduction to Yarn Types - Spun, filament, ply, core-spun, and textured yarns. • Yarn Manufacturing Processes - Understanding spinning techniques (ring spinning, air-jet spinning, etc.). • Yarn Analysis Techniques - Measuring yarn count, twist per inch (TPI), and tensile strength. 	
Unit – 3	10 Hrs.
Fabric Weaving Techniques <ol style="list-style-type: none"> 1. Introduction to Weaving <ul style="list-style-type: none"> ○ Basic principles of weaving and loom setup. 2. Plain Weave Construction <ul style="list-style-type: none"> ○ Hands-on weaving of plain weave fabric samples. 3. Twill and Satin Weave <ul style="list-style-type: none"> ○ Weaving samples of twill and satin fabrics and comparing structural differences. 4. Complex Weaves (Jacquard, Dobby) <ul style="list-style-type: none"> ○ Understanding and analyzing complex weaves (demonstration). 5. Weave Analysis <ul style="list-style-type: none"> ○ Microscopic examination of woven fabrics to study weave patterns and structures. 	
Module 4: Fabric Knitting Techniques <ul style="list-style-type: none"> • Introduction to Knitting - Overview of warp knitting and weft knitting processes. 	

<ul style="list-style-type: none"> • Hand-Knitting Techniques - Knitting basic fabric samples using knitting needles or small knitting machines. • Weft knitting samples: Single Jersey, Double Jersey, Rib Knit - Collecting fabric samples of different weft knitting types. 	
Unit – 4	15 Hrs.
Textile Testing and Quality Control <ul style="list-style-type: none"> • Introduction to Textile Testing - Overview of textile quality standards and industry certifications. • Tensile and Tear Strength Testing - Hands-on testing of fabric strength using tensile testing machines. • Dimensional Stability Testing - Testing fabric shrinkage and stretch recovery. • Abrasion Resistance and Pilling Tests - Assessing fabric resistance to wear and tear. • Colour Fastness Testing - Measuring colour fastness against washing, rubbing, and light exposure. • Fabric Weight (GSM) Testing - Calculation of fabric weight using standard methods. • Thread Count and Yarn Density - Measurement and analysis of fabric density and thread count. 	
Assessment and Project Work: Lab Reports: Students will submit detailed reports for each practical session, documenting methods, observations, and outcomes. Final Project: Students will complete a project where they apply various textile science principles (fiber and Yarn identification, weaving) to create a fabric or product. Viva Voce: Oral examinations to assess students' understanding of practical techniques and their applications.	

III Semester
B. Des. Fashion Design & Management
Fundamentals of Fashion Design (Practical)

FAD 3.2P	Exam Hours:0 3
Total Hrs.: 45	Exam Marks: 40
Number of Credits: 2	Internal Assessment: 10
Course outcomes: On successful completion of the course, the students will be able to	
1. Students will understand the basic concepts of fashion design	
2. Develop the ability to conceptualize and create fashion designs through research, mood boards, and inspiration sources	
3. Acquire skills in freehand fashion illustration, technical flat sketches, and using various mediums (pencils, markers, digital tools) to communicate design ideas effectively.	
Unit 1: Fundamental of Fashion	9 hrs.
<ul style="list-style-type: none"> Introduction to art media and its applications. Line sketching, drawing technique and painting techniques, object drawing, simple rendering of art materials using different wet and dry medium. 	
Unit 2: Basics of sketching	15 hrs.
<ul style="list-style-type: none"> Basic sketching techniques-Introduction, types, and techniques of sketching from life, perspective. Nature sketch of flowers and leaves using pastels and charcoal, landscape painting using mix media. Free hand, Grid technique of drawing and rendering. Design - Natural/ Geometric/Abstract/ Stylized/ Conventional. Principles of perspective drawing - Horizon, Vanishing points, Landscape drawing, one point, two point and three-point perspective drawing. 	
Unit 3: Fashion illustration	15 hrs.
<ul style="list-style-type: none"> Introduction to anatomy, study of bone and muscular structure, proportions of males, females, and children. Study of face, torso, legs, and arms. Fashion illustration - Stick, block and fleshing of the fashion figure (Male & Female) Introduction to fashion art, proportion, Fashion figures- 8 head, 10 head, and 12 head figures in simple standing poses (Male & Female). 	
Unit 4: Croquet Styling	6 hrs.
<ul style="list-style-type: none"> Garment rendering – fabric rendering and folds Accessories and trims understanding Development and styling of croquet based on garment and occasion 	

III Semester
B.Des. Fashion Design and Management
Fundamentals of Garment Construction (Practical)

FAD 3.3 P	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Credits: 3	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
1. Students will develop proficiency in basic sewing techniques, including hand stitching, machine stitching, and over locking
2. Students will gain the ability to identify various types of fabrics and understand their properties.
3. The course aims to equip students with the skills to draft basic garment patterns such as bodices, sleeves, skirts, and pants
4. Students will learn how to assemble a garment, from cutting fabric based on patterns to sewing the pieces together.
5. The practical will help students apply professional finishing techniques such as hemming, lining, adding buttons, and ironing to ensure a polished and well-constructed final garment.

Unit – 1	5 hrs.
Sewing Machines <ul style="list-style-type: none"> Demonstration of sewing machine parts. Sketching the Basic sewing machine and parts, threading the Single needle machine, loading bobbin and bobbin case, fixing, and removing the needle Care and maintenance of sewing machine, practice on paper, stitching on fabric (straight, curves, corners and circular) Practice on paper (straight, curves, corners and circular) Stitching on fabric (straight, curves, corners and circular) 	
Unit – 2	10 hrs.
Sewing Techniques <ul style="list-style-type: none"> Developing samples for Basic hand stitches - basting, running, tacking, hand overcast, buttonhole, hemming stitches - plain & blind hemming, slip stitch, tailor 's tack Developing samples for Seam & seam finishes- Plain, flat fell, French, turned & stitched, lapped, double top, pinked, over lock, & pinked and stitched. 	
Unit – 3	10 hrs.
Fullness and sample preparation <ul style="list-style-type: none"> Gathers, shirring. Pleats, Tucks. Style lines, neck line finishing - piping, facing (bias facing, shaped facing), binding and hemming Yokes-With and without fullness style lines 	

Unit – 4	10 hrs.
Preparation of Samples for Plackets and Pockets <ul style="list-style-type: none"> Plackets - continuous/ one piece, bound/ two-piece placket Pockets-Patch pockets, Patch pockets with flap, Seam pockets. Closures - Zippers- applications lapped zip, centered zip, concealed zip, fly zip 	
Unit – 5	10 hrs.
Developing Women 's Basic Blocks <ul style="list-style-type: none"> Pattern preparation for front and back Pattern preparation for sleeve & skirt Pattern preparation for skirt Preparation of muslin basic blocks, test fitting, front, back, sleeve and skirt 	

III Semester
B.Des. Fashion Design and Management
Introduction to Fashion Business (Theory)

FAD 3.4 T	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Credits: 3	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
<ol style="list-style-type: none"> 1. Understand the key players and dynamics of the global fashion industry 2. Analyze consumer behavior and market trends 3. Develop product concepts and strategies 4. Evaluate the financial aspects of the fashion business 5. Understand the importance of branding and marketing in the fashion industry

Unit-1	12 Hrs.
Introduction to the Fashion Industry <ul style="list-style-type: none"> • History and evolution of the fashion industry • Key players in the fashion industry (designers, manufacturers, retailers, etc.) • Global fashion markets and trends 	
Unit-2	11 Hrs.
Consumer Behavior and Market Research <ul style="list-style-type: none"> • Understanding consumer behaviour and psychology • Market segmentation and targeting • Conducting market research and trend forecasting • Consumer insights and trend analysis 	
Unit-3	12 Hrs.
Fashion Marketing and Branding <ul style="list-style-type: none"> • Branding and brand identity • Marketing strategies and tactics • Digital marketing and social media • Public relations and media relations and Fashion shows and events 	
Unit-4	10 Hrs.
Supply Chain Management and Retail <ul style="list-style-type: none"> • The fashion supply chain • Sourcing and production • Logistics and distribution • Retail operations and merchandising 	

References
<ul style="list-style-type: none">• “Fashion Business Management” by Kimberly K. Miller• “The Business of Fashion” by Tim Blanks• “Fashion Marketing: A Global Perspective” by C.W. Reynolds and D.J. Waller

III Semester
B.Des. Fashion Design and Management
Business Communication (Theory)

FAD 3.5 T	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Credits: 3	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
<ol style="list-style-type: none"> 1. Demonstrate effective written and oral communication skills 2. Understand the principles of effective listening and active listening 3. Use technology effectively for communication purposes 4. Present ideas confidently and persuasively 5. Write clear, concise, and persuasive business documents

Unit-1	11 Hrs.
Foundations of Business Communication <ul style="list-style-type: none"> • The importance of effective communication in the workplace • The communication process • Types of communication (verbal, nonverbal, written) • Barriers to effective communication 	
Unit-2	10 Hrs.
Verbal, Non-Verbal and Written Communication <ul style="list-style-type: none"> • Public speaking and presentations and Body language and gestures • Meetings, group discussions and Personal appearance • Business writing principles • Report writing, Proposal writing & Letter writing 	
Unit-3	11 Hrs.
Business Etiquette and Professionalism <ul style="list-style-type: none"> • Workplace etiquette and professional behavior • Business etiquette in different cultural contexts • Networking and building relationships 	
Unit-4	12 Hrs.
Negotiation and Conflict Resolution <ul style="list-style-type: none"> • Negotiation strategies and tactics • Conflict resolution techniques • Effective negotiation skills 	

References
<ul style="list-style-type: none">• “Business Communication: Essentials” by Maryanne Guerrero• “Business Communication: Building Relationships, Solving Problems” by Katherine Miller• “Excellence in Business Communication” by John V. Thill and Courtland L. Bovée

IV Semester
B.Des. Fashion Design and Management
Home Textiles (Theory)

FAD 4.1 T	Exam Hours: 03 Hrs.
Total Hrs.: 60	Exam Marks: 80
Number of Credits: 3	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
1. Demonstrate a comprehensive understanding of various types of home textiles, their properties, and applications, including fibers, yarns, fabrics, and finished products.
2. Critically evaluate the suitability of different textiles for various home furnishing purposes, considering factor such as durability, comfort, aesthetics, and cost-effectiveness.
3. Develop practical skills in selecting, purchasing, caring for, and maintaining home textiles, including laundry techniques, stain removal, and basic repair methods.
4. Cultivate an aesthetic sense for creating harmonious and functional home environments by understanding color theory, pattern design, and textile coordination.

Unit-1	12 Hrs.
Introduction to Home Textiles <ul style="list-style-type: none"> • Definition and scope of home textiles • Classification of home textiles: fibers, yarns, and fabrics • Properties of fibers and their suitability for home textiles • Yarn structures and their impact on fabric properties • Fabric construction techniques: weaving, knitting, and non-woven 	
Unit-2	12 Hrs.
Fabric Selection and Evaluation <ul style="list-style-type: none"> • Factors influencing fabric selection: durability, comfort, aesthetics, and cost • Testing methods for evaluating fabric quality: strength, colorfastness, and flammability • Labeling and certification standards for home textiles • Consumer awareness and ethical considerations in textile purchasing 	
Unit-3	12 Hrs.
Home Furnishings <ul style="list-style-type: none"> • Curtains and draperies: types, styles, and selection criteria • Upholstery fabrics: durability, comfort, and aesthetic considerations • Bed linens: types, sizes, and care instructions • Bath linens: towels, bath mats, and robes • Kitchen linens: tablecloths, napkins, and kitchen towels 	
Unit-4	12 Hrs.

Floor Coverings <ul style="list-style-type: none"> • Carpets and rugs: types, materials, and maintenance • Hardwood and laminate flooring: advantages, disadvantages, and care • Tile and stone flooring: selection, installation, and maintenance • Resilient flooring: vinyl, linoleum, and rubber flooring 	
Unit-5	12 Hrs.
Textile Care and Maintenance <ul style="list-style-type: none"> • Laundry techniques: washing, drying, and ironing • Stain removal techniques for various fabrics • Storage and preservation of textiles • Repair and restoration of textiles • Green cleaning practices for home textiles 	
Reference	
<ul style="list-style-type: none"> • Boody.L.J. (2008). Interior Textiles: Fabrics, Application, and Historic Style. Wiley • Joyce.C.(1993). Textile Design: The Complete Guide to Printed Textiles for Apparel and Home Furnishing. Watson-Guptill Publications 	

IV Semester
B.Des. Fashion Design and Management
Home Textiles (Practical)

FAD 4.1 P	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 40
Number of Credits: 2	Internal Assessment: 10

Course outcomes: On successful completion of the course, the students will be able to	
1. Critically analyze textile properties, select appropriate fabrics for specific applications, and troubleshoot issues related to textile care and maintenance.	
2. Develop creative and innovative textile designs, incorporating trends, color palettes, and patterns, and translate these designs into functional and aesthetically pleasing products.	
3. Create a professional portfolio showcasing their design skills, technical knowledge, and practical abilities, demonstrating their readiness for industry or further academic pursuits.	
Unit-1	10 Hrs.
Fabric Identification and Testing	
<ul style="list-style-type: none"> • Identification of fibers using burning tests and microscopic examination • Testing fabric properties: strength, colorfastness, and flammability • Fabric analysis: thread count, weave structure, and fabric weight 	
Unit-2	10 Hrs.
Home Textile Selection and Purchasing	
<ul style="list-style-type: none"> • Selection of home textiles based on color, pattern, and texture • Comparison of prices and quality of different brands • Reading and interpreting fabric labels and care instructions 	
Unit-3	10 Hrs.
Home Textile Care and Maintenance	
<ul style="list-style-type: none"> • Laundry techniques: washing, drying, and ironing • Fabric repair techniques: sewing, darning, and patching 	
Unit-4	15 Hrs.

Development of Home Textiles portfolio

- About the designer (self-introduction)
- Trend Board (present trends in Home Textiles)
- Design Concept and Mood Boards (for chosen theme)
- Color palate (from mood board)
- Sketches and Doodles (for chosen theme)
- Pattern Development (creating repeating patterns, textures and silhouette – for chosen theme.)
- Fabric Swatches and Samples (Physical samples of selected fabrics with different textures, weaves, and prints– for chosen theme.)
- Product Design Sketches and Renderings (Visualizations of finished products like Bed Sheets, Pillowcases, Duvet Covers, Blankets and Throws, Curtains, Drapes, Sofa and Chair Covers, Cushion Covers, Tablecloths, Placemats, Napkins, Bath Towels, Hand Towels, Bath Mats, Tea Towels, Oven Mitts and Pot Holders, Aprons, Rugs and Carpets – for chosen theme)
- Technical Drawings and Specifications (Detailed technical drawings and specifications for production purposes, minimum 5 products – for chosen theme.)
- Photographs of produced products (produce the above set of products)

IV Semester
B. Des. Fashion Design and Management
Fashion Design and Illustration (Theory)

FAD 4.2 T	Exam Hours: 03 Hrs.
Total Hrs.: 60	Exam Marks: 80
Number of Credits: 4	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
1. Gain a thorough understanding of fashion design principles such as balance, proportion, harmony, and rhythm.
2. Master different illustration techniques using mediums like pencil, markers, ink, watercolor, and digital tools.
3. Ability to translate design ideas into technical drawings and flat patterns.
4. Understand the properties of various fabrics and materials, including their behavior, drapability, and appropriateness for different garment types.
5. Develop skills in researching and gathering inspiration from various sources (historical references, trends, nature, etc.).
6. Gain proficiency in using software like Adobe Illustrator, Photoshop, and other CAD programs for creating digital fashion illustrations and technical flats.
7. Create a professional portfolio showcasing a range of design work, including sketches, fashion illustrations, technical drawings, and final collections.
8. Develop the ability to analyze past and current fashion trends and predict future trends.
9. Understand the different segments of the fashion industry (e.g., haute couture, ready-to-wear, mass market).
10. Ability to collaborate with other designers, illustrators, and garment technicians in the design process.
11. Learn how to develop a cohesive fashion collection from concept to final design.
12. Ability to create accurate technical drawings and specification sheets that communicate garment construction details to manufacturers.
13. Develop the ability to creatively solve design challenges such as fabric limitations, fit issues, or cost constraints.

Unit – 1	12 Hrs.
Introduction to Fashion Design <ul style="list-style-type: none"> • Fashion History: Key periods in fashion, influential designers, and fashion movements from past to present. • Fashion Trends and Forecasting: Understanding how fashion trends are formed and how to predict future trends. • Design Philosophy & Process: Overview of creative processes, from conceptualization to finished design, including idea generation and research. • Fashion Terminology: Understanding the language of fashion, materials, styles, and techniques. 	
Unit 2	12 Hrs.

Fashion Illustration

- Basic Figure Drawing: Introduction to sketching human figures, learning correct proportions and poses for fashion illustration.
- Stylized Drawing: Techniques to create stylized fashion figures to express design ideas creatively.
- Garment Illustration: Rendering garments on fashion figures with a focus on fabric movement, draping, and detailing.
- Coloring Techniques: Watercolours, markers, colored pencils, and digital tools for adding color to fashion illustrations.
- Digital Fashion Illustration: Using software like Adobe Illustrator, Photoshop, and Procreate to create professional digital illustrations.

Unit 3

12 Hrs.

Color Theory and Fabric Exploration

- Colour Theory: Understanding the color wheel, complementary and analogous colors, and how colors influence fashion.
- Fabric Characteristics: Study of various fabrics, their properties (texture, weight, sheen), and how they interact with designs.
- Textile Design: Techniques for creating prints, patterns, and textures on fabric through various methods like digital printing and embroidery.
- Sustainability in Fabric: Introduction to sustainable materials and eco-friendly practices in textile sourcing and design.

Unit – 4

12 Hrs.

Advanced Fashion Illustration

- Fashion Proportions: Mastering exaggerated fashion figures to highlight designs.
- Technical Flat Sketching: Creating flat sketches (technical drawings) of garments for production purposes.
- Fabric Rendering: Illustrating the look and feel of fabrics like silk, denim, leather, chiffon, and knitwear.
- Fashion Accessories Illustration: Drawing and designing accessories like shoes, bags, hats, and jewelry.
- Texture and Detailing: Capturing intricate details such as embroidery, lacework, and embellishments in fashion sketches.

References:

1. "Fashion Design: Process, Innovation, and Practice" by Kathryn McKelvey and Janine Munslow.
2. "Fashion Illustration: Inspiration and Technique" by Anna Kiper.
3. "The Fashion Sketchbook" by Bina Abbing.

IV Semester
B.Des. Fashion Design and Management
Fashion Design and Illustration (Practical)

FAD 4.2 P	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 40
Number of Credits: 2	Internal Assessment: 10
Course outcomes: On successful completion of the course, the students will be able to	
1. Understand the use of textures on various fabrics.	
2. Sketch human figures and understand shapes and features	
3. Develop folio with design concepts inspired designers.	
Unit-1	5 Hrs.
<ul style="list-style-type: none"> Fashion Illustrations - 6½, 8 head, 10 head, and 12 head fashion figures - standing, moving and action. 	
Unit-2	10 Hrs.
<ul style="list-style-type: none"> Model drawing - Children, female and male figures. Body figures and features - Face, eyes, nose, lips, ears, arms and legs. Hair styling - Women/men basics 	
Unit-3	10 Hrs.
<ul style="list-style-type: none"> Fabric rendering - Learning to simulate textures of various fabrics - Cotton, silk, fur, net, leather, velvet, denim, corduroy, georgette, chiffon, knitted, crochet, lace, embroidered and printed 	
Unit-4	10 Hrs.
<ul style="list-style-type: none"> Sketching and rendering of garment features - blouses - formal and casual, shirts - men and women, skirts - flared, pencil, circular, pegged, gored, trousers - pencil, pleated, bell bottom, cargo, pedal pushers, collars - shirt, shawl, mandarin, flat, peter pan, yokes - yoke with fullness, yoke without fullness, pockets - patch, welt, side, kangaroo, in-seam pocket, cuffs - single, double, pointed, French and band cuff, sleeves - set-in sleeve and bodice combination sleeve. 	
Unit 5	5 Hrs.
<ul style="list-style-type: none"> Development of folio with design concepts inspired by one Indian Designer - Sabyasachi Mukherjee, Ritu Kumar, JJ Valaya, Wendell Rodrick's, Raghavendra Rathod, Manish Malhotra, Bhumiika, Shyamal 	
Unit 6	5 Hrs.
<ul style="list-style-type: none"> Development of Folio with design concepts inspired by one International Designer - Christian Dior, Gianni Versace, Coco Chanel, Donna Karan, Calvin Klein. 	

IV Semester
B.Des. Fashion Design and Management
Children's Apparel Production (Practical)

Subject Code : FAD 4.3 P	Exam Hours : 03 Hrs.
Total Hrs. : 45	Exam Marks : 80
Number of Credits : 3	Internal Assessment : 20
Course outcomes: On successful completion of the course, the students will be able to	
<p>On successful completion of the course, the students will be able to:</p> <ol style="list-style-type: none"> 1. Explore the children's apparel choices, market, and industry; understanding the depths. 2. Do design conceptualization and developing skills in fabric selection; safety standards, and sustainability for children's clothing. 3. Understand body anthropology and its usage in garment construction. 4. Do pattern making, garment construction for Kids wear. 	
Unit-1: Introduction to Children's Wear & Market Study	08 Hrs.
<p>Overview of the Children's wear Market:</p> <ul style="list-style-type: none"> • Market trends and consumer behavior in children's apparel: Understanding seasonal changes, target consumers' age demographics, preferences, and price points. • Categories of children's clothing: Infant wear, Toddler wear, Kids' Casuals, Formal wear, Outerwear, and Sleepwear • Child psychology and how it affects apparel choices. <p>Overview of the Children's Apparel Industry:</p> <ul style="list-style-type: none"> • Manufacturing techniques: Mass production, small-scale production, and handmade methods • Compliance with children's wear safety regulations: BIS & BSI Norms, requirements of data disclosure with respect to age groups, safety tags & symbols, care labels & instructions. 	
Unit-2: Design Process & Material Sourcing	11 Hrs.
<p>Design Process for Children's Apparel</p> <ul style="list-style-type: none"> • Design basics: Color, shapes, prints, and styles suited to children • Sketching and developing children's apparel designs • Concept development: Creating a theme or collection for a specific age group in children's wear. • Designing with safety in mind: Avoiding hazardous features like choking hazards, sharp edges, etc. <p>Material Sourcing for Children's Apparel</p> <ul style="list-style-type: none"> • Choosing fabrics for children's clothing: Durability, ease of washing, softness, breathability, hypoallergenic materials, and other safety & comfort properties. • Textile properties and their relevance to children's clothing: Understanding different fabric types such as cotton, wool, polyester, and blends • Choosing trims for children's clothing: Functionality, purpose, safety, and comfort. 	

<ul style="list-style-type: none"> Understanding fabric and trim testing for safety: Flame resistance, non-toxic dyes, elasticity, rust free property, non-corrosive material, and fabric safety certifications etc. <p>Sustainability & Future Trends:</p> <ul style="list-style-type: none"> Sustainability in fabric choices: Organic fibers, recycled fabrics, eco-friendly materials, biodegradable fabrics, and their impact on the environment. Sustainable practices in children's wear production: Ethical manufacturing, waste reduction, sustainable packaging, and end-of-life garment recycling. The future of children's fashion: Trends in customization, 3D printing, smart clothing and tech-driven wearable designs. 	
Unit 3: Anthropometry & Pattern Making	14 Hrs.
<p>Anthropometric Study:</p> <ul style="list-style-type: none"> Taking body measurements for kids, types of measurements Size charts and fitting for different age groups: Infant, toddler, children, pre-teens Technical specifications for children's clothing. <p>Pattern Making for Children's Wear:</p> <ul style="list-style-type: none"> Drafting: Set of Basic Blocks (Basic Bodice, Sleeve and Knicker) Pattern drafting for children's clothing: Zabra, Sun Suit, Romper Pattern Grading: Introduction, terminology, principles, types and methods of grading, understanding the nuances of sizing for children, grading the Basic Blocks 	
Unit 4: Garment Construction & Presentation	12 Hrs.
<p>Methods of Cutting and Stitching:</p> <ul style="list-style-type: none"> Fabric estimation: Piece length calculation and instructions to be followed Types of Layouts: Vertical fold, Horizontal fold, Combination, Open layout etc. Principles of Stitching Stitch types, seams, and finishing techniques specific to children's wear. <p>Study of Garment Components:</p> <ul style="list-style-type: none"> Collars: Introduction, terminology, types & classification Pockets: Introduction, terminology, types & classification Plackets: Introduction, terminology, types & classification 	
References	
<ol style="list-style-type: none"> "Practical Clothing Construction (Part II)" by Mary Mathews "Zarapkar System of Cutting" by K.R. Zarapkar "Cutting & Tailoring Practical Drafting" by Gayatri Verma & Kapil Dev "Techniques of Drafting and Pattern Making" by Padmavati B. "Pattern Making for Fashion Design" by Helen Joseph - Armstrong 	

IV Semester
B.Des. Fashion Design and Management
Financial Education & Investment Awareness (Theory)

FAD 4.4T	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Credits: 3	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to

- To provide the foundations for financial decision making.
- Create awareness about various saving and investment alternatives available for a common man.
- Understand the overview of stock markets and stock selection.
- Learning about mutual funds and the criteria for selection.

Unit - 1	Hrs
Foundation for Finance Introduction to Basic Concepts: Investments: Meaning, Need for Investments, Investment Objectives, Investment Goals, Long-term & Short-term Investments, Concept of Risk & Return, Savings vis Investment, Investment v/s Speculation, concept of diversification Investment Alternatives for a Common Investor (Financial Assets & Real Assets): Stock, Debt, Bonds, PPF, Mutual Funds, Gold Physical & Electronic, Silver & Other Precious Metals, Real Estate, Art, Retirement and Pension Plans-National Pension System, Atal Pension Yojana, PM-SYM Yojana, PMLVMY, PMKMDY	10
Unit - 2	Hrs
Investment Management Stock Markets: Primary Market and Secondary Market, Stock Exchanges, Stock Exchange Operations Trading and Settlement, Demat Account, Depository and Depository Participants Stock Selection: Fundamental Analysis Economy Analysis, Industry Analysis and Company Analysis; Technical Analysis-Support & Resistance, Moving Averages, EMA & SMA, Charts & Patterns (meaning only) Stock Return and Risk: Concept of Return Periodic Returns & Capital appreciation; Systematic & Unsystematic Risks: Analyzing risk-return trade off	10
Unit - 3	Hrs
Mutual Funds and Banking in India Mutual Funds: Features of Mutual Funds, Types of Mutual Fund Plans. Net Asset Value, Criteria for selection of Mutual Funds Banking in India: Types of Bank Deposits, Deposit Insurance, PMJDY, Traditional and New Banking	10

Practices, Debit and Credit Cards, Digital Payment System - Internet Banking (NEFT, RTGS and IMPS), Mobile Banking, Mobile Wallet, AEPS, UPI	
Unit - 4	Hrs
Financial Education Need for financial literacy, role of financial education in achieving financial wellbeing, importance of financial planning, Key Concept of finance-Savings, investment, Borrowing. Income & expenses Surplus deficit, Assets and liabilities, Inflation Active and passive income.	15
References: <ul style="list-style-type: none"> • IRBI Financial Education Handbook • NSE Knowledge Hub, AI-powered Learning Experience Platform for BFSI • NSE Academy Certification in Financial Markets (NCFM) Modules Text Books: <ul style="list-style-type: none"> • Prasanna Chandra, Financial Management, McGraw Hill Publication. • Pitabas Mohanty, Spreadsheet Skills for Finance Professionals, Taxmann Publications • Aswath Damodaran, Corporate Finance, John Wiley & Sons Inc. • Fischer & Jordan. Security Analysis & Portfolio Management, Printice Hall. Websites: <ul style="list-style-type: none"> • www.acbi.gov.in • www.nscindia.com • www.amfiindia.com 	

Outline for Continuous Assessment

Theory

Activity	C1	C2	Total
Session Test	10%	-	10%
Seminars/Presentations/Activity	-	05%	05%
Attendance/Assignment	-	05%	05%
Total	10%	10%	20%

Practical

Activity	C1	C2	Total
Record/ Performance	05%	-	05%
Activity/Practice Exercise	-	05%	05%
Total	05%	05%	10%

QUESTION PAPER PATTERN (Theory)

III/IV Sem. B.Des. Examination (2024-25 Onwards)

B.Des. Fashion Design and Management

Paper code and Title of the paper

MAX MARKS-80

TIME: 3Hrs

Instructions to the Candidates: *i. All sections are compulsory*
 ii. Illustrate wherever necessary

Section –A

I Answer any Ten of the following:

10X2=20

- 1.
- 2
- 3.
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12

Section –B

IV
the following:

Answer any Five of
5X4=20

- 13
- 14
- 15
- 16
- 17
- 18
- 19

Section –C

V Answer any Five of the following:

5X8=40

- 20
- 21
- 22
- 23
- 24
- 25
- 26

QUESTION PAPER PATTERN (Practical)

**III/IV Sem. B.Des. Examination (2024-25
Onwards) B.Des. Fashion Design and
Management**

Paper code and Title of the paper

MAX MARKS-40

TIME: 3 Hrs

Instructions to the Candidates: All the questions are compulsory

- | | |
|-----------|--------------------|
| 6. | 10 Marks |
| 7. | 10 Marks |
| 8. | 05 Marks |
| 9. Record | 10 Marks |
| 10. | Viva Voce 05 Marks |

V Semester
B.Des. Fashion Design and Management
Fashion Communication (Theory)

FAD 5.1 T	Exam Hours:03
Total Hrs.: 60	Exam Marks: 80
Number of Credits: 3	Internal Assessment: 20
Course outcomes: On successful completion of the course, the students will be able to	
<ol style="list-style-type: none"> 1. Understand the key players and dynamics of the fashion communication industry 2. Analyse market and fashion trends 3. Develop fashion journalism and writing skills 4. Evaluate the financial aspects of the fashion business 5. Understand the importance of public relation and marketing in the fashion industry 	

Unit 1: Introduction to fashion communication	10 hrs.
<ul style="list-style-type: none"> • Overview of Fashion Communication: Definition, scope, and role in the fashion industry. • Communication Theories: Basic models and their application in fashion. • Fashion Media: Magazines, blogs, social media platforms. 	
Unit 2: Visual communication in fashion	15 hrs.
<ul style="list-style-type: none"> • Power of Visuals: Importance of photography, design, and visual storytelling. • Fashion Photography: Key photographers, principles, and trend communication. • Social media & Digital Tools: Instagram, Photoshop, and visual content creation. 	
Unit 3: Fashion journalism and writing	10 hrs.
<ul style="list-style-type: none"> • Fashion Writing: Articles, reviews, and social media content. • Blogging & social media: Writing for digital platforms and influencers. • Reporting Fashion Events: Covering fashion shows, interviews, and launches. 	
Unit 4: Fashion marketing and public relations	15 hrs.
<ul style="list-style-type: none"> • Fashion Marketing: Branding, advertising, and target audience. • PR Strategies: Press kits, releases, and handling crisis situations. • Influencer Marketing: Role of social media influencers in promoting fashion. 	
Unit 5: Digital fashion Communication	10 hrs.
<ul style="list-style-type: none"> • Digital Platforms: E-commerce, websites, social media. • Social Media Strategy: Content creation for Instagram, Pinterest, and TikTok. • Emerging Trends: Virtual fashion, AR/VR, and digital influencers 	

Reference Books

1. **Fashion Communication: A Global Perspective** by Ian Griffiths and Jenny Lister
2. **The Fashion System** by Roland Barthes
3. **Fashion Journalism** by Julie Bradford
4. **Digital Fashion Communication** by Amy D. McMahon
5. **Fashion Marketing and Communication** by Gaynor Lea-Greenwood

V Semester
B. Des. Fashion Design and Management
Fashion Advertising (Theory)

FAD 5.2 T	Exam Hours:03
Total Hrs.: 60	Exam Marks: 80
Number of Theory Credits: 4	Internal Assessment: 20

Course Objectives:

- To understand the principles and practices of fashion advertising.
- To develop creative and effective advertising campaigns for fashion brands.
- To analyze the role of media and technology in fashion advertising.
- To understand the ethical and social implications of fashion advertising.

Unit 1: Introduction to Fashion Advertising	15 hrs.
<ul style="list-style-type: none"> • Introduction • Objectives of advertising • Importance of advertising • History of fashion advertising • Career paths in the fashion advertising industry 	
Unit 2 : Advertising Media and Channels & Promotional Mix	15 hrs.
<ul style="list-style-type: none"> • Classification of advertising • Promotional mix • Emerging media (augmented reality, virtual reality) 	
Unit 3: Creative Concepts and Execution	15 hrs.
<ul style="list-style-type: none"> • Pre planning and planning • Market survey- researching the target market. Print media and broadcast media. Role of software in creating advertises • Celebrity endorsements and influencer marketing • Advertising appeals and persuasive techniques • Visual communication and storytelling 	
Unit 4: Fashion Advertising Research and Analysis	15 hrs.
<ul style="list-style-type: none"> • Consumer behavior and buying patterns • Competitive analysis 	

<ul style="list-style-type: none"> • Advertising effectiveness measurement • Media analysis and audience research • Trend forecasting and future of fashion advertising 	
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References:

- Roger Lindeback- "*Building a Brand is Like Building a House*".
- Rob Harris- "*No Nonsense Niche Selection*".
- *Fashion Advertising: Theory, Creativity and Practice* by Karen Webb

V Semester
B.Des. Fashion Design and Management
Fashion Art and Design (Theory)

FAD 5.3 T	Exam Hours: 03
Total Hrs.: 60	Exam Marks: 80
Number of Credits: 3	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
<ol style="list-style-type: none"> 1. Understand the concept of fashion art and design. 2. Analyse fashion illustration and visual communication. 3. Develop fashion promotion and writing skills 4. Evaluate the aspects of the color theory in fashion 5. Understand the importance of fashion design process.

Unit 1: Introduction to Fashion Art and Design	15 hrs.
<ul style="list-style-type: none"> • Definition and Scope- Understanding Fashion Art and Design, Evolution and History of Fashion as an Art Form, Role of Fashion in Society and Culture • Fashion Movements and Influences- Key Fashion Movements in History, Influence of Art, Architecture, and Technology on Fashion 	
Unit 2: Fashion Illustration and Visual Communication	15 hrs.
<ul style="list-style-type: none"> • Role of Fashion Illustration- History of Fashion Illustration, Importance in Communication and Design Development • Understanding Human Proportions- Theory of Idealized Human Figures in Fashion, Gender, and Cultural Variations in Representation • Techniques of Visual Storytelling- Conceptualization and Narrative in Fashion Art, Use of Symbolism, Mood Boards, and Storyboards 	
Unit 3: Textile Knowledge and Colour Theory in Fashion	15 hrs.
<ul style="list-style-type: none"> • Textile Basics- Classification and Characteristics of Fabrics, Traditional and Contemporary Textile Techniques • Colour Theory in Fashion Design- Understanding Colour: Hue, Value, and Intensity, Psychology of Colours and Their Application in Fashion, Seasonal Colour Forecasting and Trends • Patterns and Surface Ornamentation- Role of Patterns in Fashion Design, Techniques in Surface Ornamentation: Embroidery, Printing, and Dyeing 	
Unit 4: Fashion Design Process and Trends	15 hrs.
<ul style="list-style-type: none"> • Design Thinking in Fashion- Stages of the Design Process: Research, Ideation, Prototyping, and Presentation, Role of Creativity, and Innovation in Design • Analyzing Fashion Trends- Influence of Social, Cultural, and Economic Factors, Role of Technology and Media in Shaping Trends • Sustainable Fashion- Principles of Sustainable Design, Challenges and Opportunities in Ethical Fashion 	

Reference:

- *The Dynamics of Fashion* by Elaine Stone
- *Fashion: The Definitive History of Costume and Style* by DK Publishing- A detailed exploration of fashion history and its evolution over time.

- ***Art and Fashion: Collaborations and Connections Between Icons* by E.P. Cutler-** *Explores the intersection of art and fashion and their mutual influences.*
- ***9 Heads: A Guide to Drawing Fashion* by Nancy Riegelman-** *A comprehensive guide to understanding human proportions and creating fashion illustrations.*
- ***Fashion Sketchbook* by Bina Abling-** *Focuses on fashion drawing techniques and storytelling through sketches.*

V Semester
B.Des. Fashion Design and Management
Fashion Art and Design (Practical)

FAD 5.3 P	Exam Hours:03
Total Hrs.: 45	Exam Marks: 40
Number of Credits: 2	Internal Assessment: 10

Course outcomes: On successful completion of the course, the students will be able to

1. Understand the concept of fashion art and design.
2. Analyse fashion illustration and visual communication.
3. Develop fashion promotion and writing skills
4. Evaluate the aspects of the color theory in fashion
5. Understand the importance of fashion design process.

Unit 1: Fashion Illustration Techniques	12 hrs.
<ul style="list-style-type: none"> • Introduction to Fashion Illustration- Tools and Materials: Pencils, Markers, Watercolours, Digital Tools, Basics of Sketching: Lines, Shapes, and Proportions • Fashion Figure Drawing- Understanding Human Anatomy and Proportions, drawing 9-Head Croquet for Male and Female Figures, Creating Dynamic Poses • Garment Detailing- Sketching Garments with Folds, Drapes, and Textures, Illustrating Accessories: Shoes, Bags, and Jewellery 	
Unit 2: Textile Rendering and Color Application	10 hrs.
<ul style="list-style-type: none"> • Fabric Rendering Techniques- Depicting Different Fabrics: Silk, Denim, Leather, and Lace, Shading and Highlighting for Realistic Textures • Color Application- Applying Color Theories to Illustrations, Techniques with Watercolors, Markers, and Digital Tools, Creating Seasonal Color Palettes • Patterns and Prints -Illustrating Patterns and Repeating Motifs, Surface Ornamentation: Embroidery and Printing 	
Unit 3: Fashion Design Development	12 hrs.
<ul style="list-style-type: none"> • Mood Boards and Concept Development- Creating Mood Boards Based on Themes, Translating Inspirations into Design Concepts • Designing Garments- Sketching Garments: Tops, Dresses, Pants, and Outerwear, Developing Capsule Collections (3-5 Outfits) • Creative Techniques- Exploring Freehand Sketching and Mixed Media, Using Digital Tools for Design (e.g., Adobe Illustrator, Procreate) 	
Unit 4: Portfolio Presentation and Industry Practices	11 hrs.
<ul style="list-style-type: none"> • Portfolio Development- Structuring a Fashion Design Portfolio, Integrating Illustrations, Fabric Swatches, and Concept Notes • Final Project- Designing and Presenting a Thematic Mini-Collection, Presenting Work in Both Digital and Physical Formats • Industry Insights- Understanding Professional Standards for Portfolio Submission, Introduction to Fashion Shows and Client Presentation Techniques 	

V Semester
B.Des. Fashion Design and Management
Women's Apparel Production (Practical)

Subject Code : FAD 5.4 P	Exam Hours : 03 Hrs.
Total Hrs. : 45	Exam Marks : 80
Number of Credits : 3	Internal Assessment : 20
Course outcomes: On successful completion of the course, the students will be able to	
<p>On successful completion of the course, the students will be able to:</p> <ol style="list-style-type: none"> 1. Explore the Women's apparel choices, market and industry; understanding the depths. 2. Do design conceptualization and developing skills in fabric selection; safety standards, and sustainability for Women's clothing. 3. Understand body anthropology and its usage in garment construction. 4. Do pattern making, garment construction for Kids wear. 	
Unit-1: Introduction to Women's Wear & Market Study	08 Hrs.
<p>Overview of the Women's wear Market:</p> <ul style="list-style-type: none"> • Market trends and consumer behaviour in Women's apparel: Understanding seasonal changes, target consumers' age demographics, preferences and price points. • Categories of Women's clothing: Infant wear, Toddler wear, Kids' Casuals, Formal wear, Outerwear, and Sleepwear • Child psychology and how it affects apparel choices. <p>Overview of the Women's Apparel Industry:</p> <ul style="list-style-type: none"> • Manufacturing techniques: Mass production, small-scale production, and handmade methods • Compliance with Women's wear safety regulations: BIS & BSI Norms, requirements of data disclosure with respect to age groups, safety tags & symbols, care labels & instructions. 	
Unit-2: Design Process & Material Sourcing	11 Hrs.
<p>Design Process for Women's Apparel</p> <ul style="list-style-type: none"> • Design basics: Color, shapes, prints, and styles suited to Women • Sketching and developing Women's apparel designs • Concept development: Creating a theme or collection for a specific age group in Women's wear. • Designing with safety in mind: Avoiding hazardous features like choking hazards, sharp edges, etc. <p>Material Sourcing for Women's Apparel</p> <ul style="list-style-type: none"> • Choosing fabrics for Women's clothing: Durability, ease of washing, softness, breathability, hypoallergenic materials, and other safety & comfort properties. • Textile properties and their relevance to Women's clothing: Understanding different fabric types such as cotton, wool, polyester, and blends • Choosing trims for Women's clothing: Functionality, purpose, safety, and comfort. • Understanding fabric and trim testing for safety: Flame resistance, non-toxic dyes, elasticity, rust free property, non-corrosive material, and fabric safety certifications etc. <p>Sustainability & Future Trends:</p> <ul style="list-style-type: none"> • Sustainability in fabric choices: Organic fibres, recycled fabrics, eco-friendly materials, biodegradable fabrics, and their impact on the environment. • Sustainable practices in Women's wear production: Ethical manufacturing, waste reduction, sustainable packaging, and end-of-life garment recycling. • The future of Women's fashion: Trends in customization, 3D printing, smart clothing and tech-driven wearable designs. 	

Unit 3: Anthropometry & Pattern Making	14 Hrs.
<p>Anthropometric Study:</p> <ul style="list-style-type: none"> • Taking body measurements for kids, types of measurements • Size charts and fitting for different age groups: Infant, toddler, Women, pre-teens • Technical specifications for Women's clothing. <p>Pattern Making for Women's Wear:</p> <ul style="list-style-type: none"> • Drafting: Set of Basic Blocks (Basic Bodice, Sleeve and Knicker) • Pattern drafting for Women's clothing: Zabra, Sun Suit, Romper • Pattern Grading: Introduction, terminology, principles, types, and methods of grading, understanding the nuances of sizing for Women, grading the Basic Blocks 	
Unit 4: Garment Construction & Presentation	12 Hrs.
<p>Methods of Cutting and Stitching:</p> <ul style="list-style-type: none"> • Fabric estimation: Piece length calculation and instructions to be followed • Types of Layouts: Vertical fold, Horizontal fold, Combination, Open layout etc. • Principles of Stitching • Stitch types, seams, and finishing techniques specific to Women's wear. <p>Study of Garment Components:</p> <ul style="list-style-type: none"> • Collars: Introduction, terminology, types & classification • Pockets: Introduction, terminology, types & classification • Plackets: Introduction, terminology, types & classification 	
References	
<ol style="list-style-type: none"> 1. "Practical Clothing Construction (Part II)" by Mary Mathews 2. "Zarapkar System of Cutting" by K.R. Zarapkar 3. "Cutting & Tailoring Practical Drafting" by Gayatri Verma & Kapil Dev 4. "Techniques of Drafting and Pattern Making" by Padmavati B. 5. "Pattern Making for Fashion Design" by Helen Joseph - Armstrong 	

V Semester
B.Des. Fashion Design and Management
Apparel Computer Aided Design (practical)

FAD 5.5 P	Exam Hours:03
Total Hrs.: 45	Exam Marks: 40
Number of Credits: 2	Internal Assessment: 10

Unit 1: Introduction to Apparel CAD Software	10 hrs.
<ul style="list-style-type: none"> Overview of Apparel CAD Importance of CAD in fashion design and pattern making. Introduction to popular software Getting Started with CAD Software -Navigating the interface and workspace. Basic tools: Pen tool, shape tool, brush, layers, colour palette, etc. Creating Basic Apparel Designs - Drawing simple garments Understanding digital sketching techniques. Basic garment silhouette creation and styling. 	
Unit 2: Digital pattern making and draping	10 hrs.
<ul style="list-style-type: none"> Introduction to Pattern Making in CAD - Understanding pattern blocks (basic bodice, skirt, sleeve, etc.). Creating flat patterns using CAD software. Pattern Manipulation and Adjustment -Alterations and adjustments in pattern design (grading, seam allowances, ease). Adding darts, pleats, and gathers to patterns. 	
Unit 3: Advanced Apparel Design Techniques	10 hrs.
<ul style="list-style-type: none"> Design Detailing and Fabric Texture Rendering - Using CAD to add embroidery, prints, and fabric textures to designs. Creating patterns for specific fabric types (woven, knit, etc.). Advanced Pattern Making and Alteration - Creating complex garment structures (jackets, trousers, coats). Working with multi-panel patterns and complex seams. 	
Unit 4: Fashion portfolio and presentation	15 hrs.
<ul style="list-style-type: none"> Creating Fashion Tech Packs Developing technical specification sheets for garments (materials, colours, measurements). Using CAD to create professional tech packs for production. Portfolio Design and Compilation - Using CAD software to create a cohesive fashion design portfolio. Including sketches, digital patterns, fabric swatches, and final garment images. Digital Presentation of Fashion Designs - Creating mood boards, lookbooks, and presentations. Presenting designs through digital platforms (e.g., Adobe InDesign, PowerPoint). Client communication and presentation tips for showcasing designs. 	

Reference Books

- *Fashion Design: Process, Innovation and Practice* by Kathryn McKelvey and Janine Munslow
- *Digital Fashion Illustration* by Michael Hofmann
- *"Adobe Illustrator for Fashion Design"* by R. K. Joshi
- *"Fashion Technology: A Guide to Sustainable Apparel Production"* by Stephen K. Thompson
- *"Fashion Sketchbook"* by Bina Abing
- *"The Fashion Handbook"* by Tim Jackson and David Shaw

V Semester
B.Des. Fashion Design and Management
Fashion Psychology (Theory)

FAD 5.6 T	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Credits: 3	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
1. Understand the psychology of clothing and its influence in various levels of communication.
2. Understand the basic of design development and incorporating it in fashion
3. Apply the design details in men's, women's and children's wear

Unit - 1	10 Hrs.
Foundations of Fashion and Psychology <ul style="list-style-type: none"> • Historical Perspective: <ul style="list-style-type: none"> ○ Evolution of clothing and its functions (modesty, protection, status, religion) ○ Major fashion centers and their influence ○ Key fashion theories and their implications • Psychology of Dress: <ul style="list-style-type: none"> ○ The relationship between clothing and personality, attitude, and motivation ○ The role of clothing in self-expression and identity ○ The impact of cultural and societal factors on dress codes and norms • Visual Communication: <ul style="list-style-type: none"> ○ Advanced illustration techniques (digital and traditional) ○ Creating effective visual representations of fashion concepts ○ 3D visualization and rendering techniques 	
Unit - 2	12 Hrs.
Human Behavior and Clothing <ul style="list-style-type: none"> • Social Psychology of Dress: <ul style="list-style-type: none"> ○ The role of clothing in social interaction and group dynamics ○ The influence of social norms and peer pressure on fashion choices ○ The psychology of conformity and individuality in fashion • Cultural Significance of Clothing: <ul style="list-style-type: none"> ○ Cultural differences in dress codes and symbolism ○ The impact of globalization on traditional dress ○ The role of fashion in cultural identity and heritage • Gender and Dress: <ul style="list-style-type: none"> ○ Gender roles and stereotypes in fashion ○ The evolution of gender-fluid fashion ○ The impact of feminism on fashion and body image 	
Unit - 3	13 Hrs.

Fashion Trends and Consumer Behavior <ul style="list-style-type: none"> • Fashion Cycles and Trends: <ul style="list-style-type: none"> ○ The fashion cycle and its stages ○ Trend forecasting and analysis ○ The influence of technology on fashion trends • Consumer Behavior and Fashion: <ul style="list-style-type: none"> ○ Consumer decision-making processes in fashion ○ The role of branding and marketing in fashion ○ The impact of social media on fashion consumption • Fashion History and Contemporary Trends: <ul style="list-style-type: none"> ○ Key historical periods and their impact on fashion ○ The evolution of fashion from the 20th century to the present ○ Emerging trends and future directions in fashion 	
Unit - 4	10 Hrs.
<ul style="list-style-type: none"> • Body image and fashion • Ethical and sustainable fashion • Fashion and social justice • The psychology of luxury brands • The impact of fashion on mental health 	
Reference	
<ul style="list-style-type: none"> • Stecker P, " The Fashion Design manual" Macmillan, Australia,1997 • Anderson Black, J —A History of Fashion, Orbis Publishing Ltd., USA.1985. • Jane Ashelford, The art of dress: Clothes & Society, ISBN1500-1914, Amazoncom. • Wilcox, T The dictionary of costume, BatsfordLtd. • Peacock J, " Fashion Source Books", Thames and Hudson, London,1997/9 	

V Semester
B.Des. Fashion Design and Management
Human Resource Management (Theory)

FAD 5.7 T	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Credits: 3	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to	
1. Understand the strategic role of HRM in organizations	
2. Apply effective recruitment and selection techniques	
3. Design and implement effective training and development programs	
4. Develop problem-solving and critical thinking skills	
5. Utilize HR technology and data analytics	
Unit-1	12 Hrs.
Introduction to Human Resource Management	
<ul style="list-style-type: none"> • Definition and scope of HRM • Evolution of HRM • Strategic role of HRM • HR functions and their interrelationships 	
Unit-2	11 Hrs.
Human Resource Planning	
<ul style="list-style-type: none"> • Forecasting HR needs • Job analysis and job design • Recruitment and selection processes • Onboarding and orientation 	
Unit-3	10 Hrs.
Compensation, Benefits and employee relations	
<ul style="list-style-type: none"> • Compensation strategies • Job evaluation and pay structures • Employee relations and labor laws • Workplace safety and health • Grievance handling and disciplinary actions 	
Unit-4	12 Hrs.
Human Resource Information Systems (HRIS)	
<ul style="list-style-type: none"> • HRIS implementation and maintenance • Data analytics in HR • HR metrics and KPIs 	

References
<ul style="list-style-type: none">• “Human Resource Management” by Gary Dessler and Biju Varkkey:• “Essentials of Human Resource Management” by Raymond Noe• "The HR Scorecard: Linking People, Strategy, and Performance" by Brian Becker

VI Semester
B.Des. Fashion Design and Management
Fashion Marketing (Theory)

FAD 6.1 T	Exam Hours:03
Total Hrs.: 45	Exam Marks: 80
Number of Credits: 3	Internal Assessment: 20
Unit 1: Introduction to fashion marketing	10 hrs.
<ul style="list-style-type: none"> • Introduction to Marketing Principles - Definition and concepts of marketing. The 4 Ps (Product, Price, Place, Promotion) in the context of fashion. • The Fashion Industry Overview - Structure of the fashion industry: design, production, distribution, and retailing. Key players: designers, manufacturers, retailers, and consumers. • Understanding Fashion Markets and Consumer Behaviour - Demographics and psychographics in fashion marketing. Consumer buying behaviour: influences, trends, and preferences. Segmentation, targeting, and positioning in the fashion market. 	
Unit 2 : Fashion branding and communication	12 hrs.
<ul style="list-style-type: none"> • Branding in Fashion - The importance of branding in fashion. Luxury vs. mass-market branding strategies. • Fashion Brand Positioning - Developing a brand positioning strategy. Differentiation and competitive advantage in fashion. Case studies of iconic fashion brands and their positioning strategies. • Fashion Communication and Advertising - Advertising strategies for fashion brands: traditional vs. digital platforms. Social media marketing and influencer collaborations. PR and media strategies in the fashion industry. 	
Unit 3: Fashion retail and e-commerce	13 hrs.
<ul style="list-style-type: none"> • Fashion Retailing: Store and Online Channels - Traditional retail vs. e-commerce: advantages and challenges. The role of visual merchandising in fashion retail. Omnichannel retailing strategies in the fashion industry. • Consumer Experience and Retail Marketing - Loyalty programs and customer retention strategies in fashion retail. • E-Commerce and Digital Marketing - The role of digital marketing in fashion e-commerce. Website design, SEO, and online customer experience. Social media marketing and online advertising strategies for fashion brands. 	
Unit 4: Fashion Marketing Trends and Sustainability	10 hrs.
<ul style="list-style-type: none"> • Emerging Trends in Fashion Marketing - The impact of technology on fashion marketing: AI, VR, and digital fashion. Sustainability and ethical fashion marketing strategies. The role of influencers and social media in shaping fashion trends. • Sustainability in Fashion Marketing - Understanding sustainable fashion practices. Marketing sustainable fashion brands: challenges and strategies. Green washing vs. genuine sustainability in fashion marketing. • Future of Fashion Marketing -The future of fashion retail: virtual stores, AR, and digital wardrobes. Ethical marketing and corporate social responsibility (CSR) in fashion brands. 	

References:

- *Fashion Marketing* by Mike Easey
- *The Fashion System* by Roland Barthes
- *Fashion Business Handbook* by Jane B. Mallory
- *Fashion Branding Unwrapped* by Karlyn F. Mitchell
- *Industry reports on fashion marketing trends from sources like McKinsey, Business of Fashion, and Fashionista.*
- *Fashion Branding Unwrapped* by Karlyn F. Mitchell (*Branding Strategies in Fashion*)
- *Fashion Marketing* by Mike Easey *Fashion (Marketing Principles and Strategies)*

VI Semester
B.Des. Fashion Design and Management
Apparel Merchandising (Theory)

FAD 6.2 T	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Credits: 4	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
1. Demonstrate understanding of the apparel industry.
2. Apply knowledge of apparel production process.
3. Recognize and address knowledge of fashion design and trends.
4. Communicate effectively with team members in merchandising industry.
5. Develop a global perspective on the apparel industry and understand cultural differences.

Unit – 1	15 Hrs.
Introduction to Apparel Merchandising <ul style="list-style-type: none"> • Understanding Apparel Merchandising: <ul style="list-style-type: none"> • Definition and scope of apparel merchandising • Role of a merchandiser in the apparel industry • Key functions and responsibilities of a merchandiser • The Apparel Industry: <ul style="list-style-type: none"> • Structure and organization of the apparel industry • Supply chain and value chain analysis • Global apparel trade and its impact on the industry • Consumer Behaviour and Market Research: <ul style="list-style-type: none"> • Understanding consumer needs and preferences • Market segmentation and targeting • Conducting market research and analysing consumer data • Trend forecasting and its importance in merchandising 	
Unit 2	10 Hrs.
Product Development and Sourcing <ul style="list-style-type: none"> • Product Development Process: <ul style="list-style-type: none"> • Concept development and line planning • Design and development of apparel products • Technical specifications and sample development • Quality control and assurance • Sourcing and Vendor Management: <ul style="list-style-type: none"> • Identifying and selecting suppliers • Vendor evaluation and performance management • Negotiating terms and conditions • Managing supplier relationships 	
Unit 3	10 Hrs.

Production Planning and Control

- **Production Planning:**
 - Production planning and scheduling
 - Capacity planning and resource allocation
 - Production costing and budgeting
- **Production Control:**
 - Monitoring and controlling production processes
 - Quality control and inspection
 - Inventory management and control
 - Logistics and distribution

Unit – 4

10 Hrs.

Retail Merchandising and Visual Merchandising

- **Retail Merchandising:**
 - Retail planning and strategy
 - Merchandise planning and assortment planning
 - Buying and pricing strategies
 - Inventory management and control
- **Visual Merchandising:**
 - Store layout and design
 - Visual merchandising techniques
 - Window displays and in-store displays
 - Creating a strong brand image

References

- Apparel Merchandising: The Line Starts Here by Jeremy A. Rosenau and David L. Wilson
- Apparel Merchandising by R. Rathinamoorthy and R. Surjit
- Apparel Production by J.C. Talwar
- Textile Testing by C.P. Singh
- Production Management by N.D. Varshney and B.L. Agarwal
- Operations Management by Jay Heizer and Barry Render

VI Semester
B.Des. Fashion Design and Management
Indian Textiles & Costumes (Theory)

FAD 6.3 T	Exam Hours: 03 Hrs.
Total Hrs.: 60	Exam Marks: 80
Number of Credits: 3	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
1. Understand history of textiles and its influence with reference to fashion clothing.
2. Understand and use symbolic motifs and colour in designing traditional textiles.
3. Acquaint with sketching skills of costumes for different regions of India
4. Understand the importance of Indian Costumes and use them in designing fashion designer wear.

Unit-1	12 Hrs.
Origins and Early Development <ul style="list-style-type: none"> • Prehistoric Origins: <ul style="list-style-type: none"> ○ Early human clothing and adornment ○ The role of climate and geography in shaping clothing choices ○ The use of natural materials (animal skins, plant fibers) • Ancient Civilizations: <ul style="list-style-type: none"> ○ Egyptian, Greek, and Roman clothing and textiles ○ The influence of religion, mythology, and social status on dress ○ Textile production techniques (weaving, dyeing, embroidery) 	
Unit-2	12 Hrs.
Indian Textiles and Costumes: Ancient Period <ul style="list-style-type: none"> • Indus Valley Civilization: <ul style="list-style-type: none"> ○ Cotton cultivation and textile production ○ Evidence of sophisticated textile techniques (weaving, dyeing, embroidery) ○ Clothing styles for men, women, and children • Vedic Period: <ul style="list-style-type: none"> ○ The role of textiles in religious rituals and ceremonies ○ The emergence of distinct regional dress styles ○ The use of natural dyes and ornaments • Mauryan and Gupta Periods: <ul style="list-style-type: none"> ○ The development of fine muslin and silk textiles ○ The influence of Persian and Central Asian cultures on Indian fashion ○ The use of intricate embroidery and embellishments 	
Unit-3	12 Hrs.

Indian Textiles and Costumes: Medieval Period	
<ul style="list-style-type: none"> • Mughal Period: <ul style="list-style-type: none"> ○ The patronage of arts and crafts by Mughal emperors ○ The introduction of new textile techniques and designs ○ The fusion of Persian and Indian styles in clothing and textiles • Deccani Sultanates: <ul style="list-style-type: none"> ○ The development of unique regional textile traditions ○ The use of vibrant colors and intricate patterns ○ The influence of Islamic art and architecture on textile designs 	
Unit-4	12 Hrs.
Traditional Indian Textiles and Costumes	
<ul style="list-style-type: none"> • Handwoven Textiles: <ul style="list-style-type: none"> ○ Saris (Banarasi, Kanjeevaram, Pochampalli, etc.) ○ Shawls (Kashmiri, Pashmina, etc.) ○ Embroidered textiles (Phulkari, Chikankari, etc.) • Printed and Painted Textiles: <ul style="list-style-type: none"> ○ Block printing (Bagru, Sanganer) ○ Kalamkari painting ○ Tie-dyeing (Bandhani, Ikat) • Traditional Costumes: <ul style="list-style-type: none"> ○ Regional variations in dress styles ○ The influence of caste, religion, and occupation on clothing choices ○ The use of traditional accessories and ornaments 	
Unit-5	12 Hrs.
Contemporary Indian Fashion	
<ul style="list-style-type: none"> • The Impact of Globalization: <ul style="list-style-type: none"> ○ The influence of Western fashion on Indian clothing ○ The rise of Indian fashion designers on the global stage ○ The fusion of traditional and contemporary styles • Sustainable Fashion: <ul style="list-style-type: none"> ○ The importance of eco-friendly and ethical fashion practices ○ The use of natural dyes and organic fibers ○ The revival of traditional textile techniques 	
Reference	
<ul style="list-style-type: none"> • Parul Bhatnagar, “Decorative Design History in Indian Textiles and Costumes”, Abhishek Publications, 2011 • Parul Bhatnagar, “Traditional Indian Costumes & Textiles”, Abhishek Publication, 2009. • Phyllis Tortora, Keith Eubank, “Survey of Historical Costumes, A History of Western Dress”, Bloomsbury Publishing India Private Limited, 5th edition, 2009. • Prakash, Raman K, Pradeesh K, “Warli Traditional Folk Art from India”, Shree Book Centre Publication, 2016 	

VI Semester
B.Des. Fashion Design and Management
Indian Textiles & Costumes (Practical)

FAD 6.3 P	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 40
Number of Credits: 2	Internal Assessment: 10

Course outcomes: On successful completion of the course, the students will be able to
1. Understand about evolution of Indian costumes since ancient times
2. Acquire knowledge of textiles and costumes and implement the techniques.
3. Acquire skills in selecting fabrics for designing
4. Ability to sketch and incorporate ancient designs.

Unit-1	7 Hrs.
Sketching of costumes and hairstyles of ancient India -Indus valley, Vedic period. (Men and Women)	
Unit-2	8 Hrs.
Sketching of costumes and Hairstyles of Middle age- Mauryan, Kushans, Gupta and Mughal period (Men and Women)	
Unit-3	7 Hrs.
Design and development of Sarees (Motif, all over, border, Pallu of any four states in India)	
Unit-4	8 Hrs.
Sketching of costumes -North India (Jammu and Kashmir, Punjab, and Rajasthan), Sketching of costumes of East India (West Bengal, Assam, Manipur) Male & female	
Unit-5	8 Hrs.
Sketching of costumes -West India (Gujarat, Rajasthan, Maharashtra, Goa) Sketching of costumes of South India (Karnataka, Tamil Nadu, Kerala, Andhra Pradesh) Male and Female	
Unit-6	7 Hrs.
Development of a detailed report and pictures of any one Textiles of India	

VI Semester
B.Des. Fashion Design and Management
Textile Wet Processing (Theory)

FAD 6.4 T	Exam Hours: 03 Hrs.	
Total Hrs.: 60	Exam Marks: 80	
Number of Credits: 3	Internal Assessment: 20	
Unit-1		15 Hrs.
<ul style="list-style-type: none"> • Introduction to wet processing, sequence of wet processing operations for cotton, silk and wool. • Equipment's and machineries used for wet processing. • Preparatory processes: singeing, scouring, degumming, bleaching and mercerization 		
Unit-2		15 Hrs.
<ul style="list-style-type: none"> • Dyeing- Introduction, classification, and application of dyes, direct, basic, acid, vat, reactive and disperse dyes. • Methods of dyeing: stock, yarn, piece and union. • Printing methods- block, screen, roller, styles- direct, resist, discharge, and transfer. 		
Unit-3		8 Hrs.
<ul style="list-style-type: none"> • After treatments for dyed and printed goods- washing, steaming, and drying. • Finishes- definition, types - Basic/routine- Tentering, carbonizing, decatizing, sanforising, weighting. • Functional/special-waterproof, soil repellent, antimicrobial, enzymatic, fire proof, calendaring 		
Unit-4		7 Hrs.
<ul style="list-style-type: none"> • Garment processing and finishing. Garment dyeing, types of washing machines, centrifuge and drying. Care of fabrics- Principles of laundering, Stain removal, various solvents used. • Different methods of washing, application of friction, light pressure, suction and tumble wash, soaps and detergents. • Environmental issues concerning Textile and Apparel finishing. Finishes which are hazardous for human health, International Brands safety issues as far as the Textile and Apparel finishing are concerned 		

VI Semester
B.Des. Fashion Design and Management
Textile Wet Processing (Practical)

FAD 6.4 P	Exam Hours: 03 Hrs.	
Total Hrs.: 45	Exam Marks: 40	
Number of Credits: 2	Internal Assessment: 10	
Unit-1		7 Hrs.
<ul style="list-style-type: none"> Desizing, Scouring, Bleaching and Mercerization of cotton. Degumming and Bleaching of Silk- Using hydrogen peroxide. Scouring and bleaching of wool- Using hydrogen peroxide 		
Unit-2		8 Hrs.
<ul style="list-style-type: none"> Dyeing of Cotton yarns with - direct, reactive and vat dyes. Dyeing of Silk yarn with – Reactive and Acid dyes 		
Unit-3		7 Hrs.
<ul style="list-style-type: none"> Block printing on Silk-direct and reactive dyes. Block printing on Cotton-direct and reactive dyes. Screen printing on Cotton & Silk- direct and reactive dyes. Tie and dye on Cotton & Silk- direct dyes, Batik- reactive dyes. 		
Unit-4		8 Hrs.
<ul style="list-style-type: none"> Stain removal of oil, soil, grease, blood and beverages. 		

VI Semester
B.Des. Fashion Design and Management
Men's Apparel Production (Practical)

Subject Code : FAD 6.5 P	Exam Hours : 03 Hrs.
Total Hrs. : 45	Exam Marks : 80
Number of Credits : 3	Internal Assessment : 20
Course outcomes: On successful completion of the course, the students will be able to	
<ul style="list-style-type: none"> Explore the Men's apparel choices, market and industry; understanding the depths. Do design conceptualization and developing skills in fabric selection; safety standards, and sustainability for Men's clothing. Understand body anthropology and its usage in garment construction. Do pattern making, garment construction for Kids wear. 	
Unit-1: Introduction to Men's Wear & Market Study	08 Hrs.
Overview of the Men's wear Market: <ul style="list-style-type: none"> Market trends and consumer behavior in Men's apparel: Understanding seasonal changes, target consumers' age demographics, preferences, and price points. Categories of Men's clothing: Infant wear, Toddler wear, Kids' Casuals, Formal wear, Outerwear, and Sleepwear Child psychology and how it affects apparel choices. 	
Overview of the Men's Apparel Industry: <ul style="list-style-type: none"> Manufacturing techniques: Mass production, small-scale production, and handmade methods Compliance with Men's wear safety regulations: BIS & BSI Norms, requirements of data disclosure with respect to age groups, safety tags & symbols, care labels & instructions. 	
Unit-2: Design Process & Material Sourcing	11 Hrs.
Design Process for Men's Apparel <ul style="list-style-type: none"> Design basics: Color, shapes, prints, and styles suited to Men Sketching and developing Men's apparel designs Concept development: Creating a theme or collection for a specific age group in Men's wear. Designing with safety in mind: Avoiding hazardous features like choking hazards, sharp edges, etc. 	
Material Sourcing for Men's Apparel <ul style="list-style-type: none"> Choosing fabrics for Men's clothing: Durability, ease of washing, softness, breathability, hypoallergenic materials, and other safety & comfort properties. Textile properties and their relevance to Men's clothing: Understanding different fabric types such as cotton, wool, polyester, and blends Choosing trims for Men's clothing: Functionality, purpose, safety and comfort. Understanding fabric and trim testing for safety: Flame resistance, non-toxic dyes, elasticity, rust free property, non-corrosive material, and fabric safety certifications etc. 	
Sustainability & Future Trends: <ul style="list-style-type: none"> Sustainability in fabric choices: Organic fibers, recycled fabrics, eco-friendly materials, biodegradable fabrics, and their impact on the environment. Sustainable practices in Men's wear production: Ethical manufacturing, waste reduction, sustainable packaging, and end-of-life garment recycling. The future of Men's fashion: Trends in customization, 3D printing, smart clothing and tech-driven wearable designs. 	

Unit 3: Anthropometry & Pattern Making	14 Hrs.
<p>Anthropometric Study:</p> <ul style="list-style-type: none"> • Taking body measurements for kids, types of measurements • Size charts and fitting for different age groups: Infant, toddler, Men, pre-teens • Technical specifications for Men's clothing. <p>Pattern Making for Men's Wear:</p> <ul style="list-style-type: none"> • Drafting: Set of Basic Blocks (Basic Bodice, Sleeve and Knicker) • Pattern drafting for Men's clothing: Zabra, Sun Suit, Romper • Pattern Grading: Introduction, terminology, principles, types, and methods of grading, understanding the nuances of sizing for Men, grading the Basic Blocks 	
Unit 4: Garment Construction & Presentation	12 Hrs.
<p>Methods of Cutting and Stitching:</p> <ul style="list-style-type: none"> • Fabric estimation: Piece length calculation and instructions to be followed • Types of Layouts: Vertical fold, Horizontal fold, Combination, Open layout etc. • Principles of Stitching • Stitch types, seams, and finishing techniques specific to Men's wear. <p>Study of Garment Components:</p> <ul style="list-style-type: none"> • Collars: Introduction, terminology, types & classification • Pockets: Introduction, terminology, types & classification • Plackets: Introduction, terminology, types & classification 	
References	
<ol style="list-style-type: none"> 1. "Practical Clothing Construction (Part II)" by Mary Mathews 2. "Zarapkar System of Cutting" by K.R. Zarapkar 3. "Cutting & Tailoring Practical Drafting" by Gayatri Verma & Kapil Dev 4. "Techniques of Drafting and Pattern Making" by Padmavati B. 5. "Pattern Making for Fashion Design" by Helen Joseph - Armstrong 	

VI Semester
B.Des. Fashion Design and Management
Soft Skills Training (Theory)

FAD 6.6 T	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Credits: 3	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
1. Improve their communication skills, both verbal and written
2. Develop strong interpersonal and teamwork skills
3. Build leadership skills and inspire others
4. Manage time effectively and prioritize tasks.
5. Demonstrate a positive attitude and a professional demeanor

Unit-1	12 Hrs.
Interpersonal Skills <ul style="list-style-type: none"> • Building relationships • Teamwork and collaboration • Conflict resolution and negotiation • Empathy and active listening • Assertiveness and diplomacy 	
Unit-2	10 Hrs.
Problem-Solving and Decision Making <ul style="list-style-type: none"> • Problem identification and analysis • Creative problem-solving techniques • Decision-making models • Risk assessment and mitigation 	
Unit-3	11 Hrs.
Leadership and Teamwork <ul style="list-style-type: none"> • Leadership styles and qualities • Team building and collaboration • Conflict resolution and negotiation • Mentoring and coaching 	
Unit-4	12 Hrs.
Time Management and Productivity <ul style="list-style-type: none"> • Time management techniques • Prioritization and task management • Stress management and work-life balance 	

References
<ul style="list-style-type: none">• “Soft Skills: The Software Developer's Life Manual” by John Z. Sonmez• “The 7 Habits of Highly Effective People” by Stephen R. Covey• “How to Win Friends and Influence People” by Dale Carnegie by Colin Forbes

Outline for Continuous Assessment

Theory

Activity	C1	C2	Total
Session Test	10%	-	10%
Seminars/Presentations/Activity	-	05%	05%
Attendance/Assignment	-	05%	05%
Total	10%	10%	20%

Practical

Activity	C1	C2	Total
Record/ Performance	05%	-	05%
Activity/Practice Exercise	-	05%	05%
Total	05%	05%	10%

QUESTION PAPER PATTERN (Theory)

V/VI Sem. B.Des. Examination (2024-25 Onwards)

B.Des. Fashion Design and Management

Paper code and Title of the paper

MAX MARKS-80

TIME: 3Hrs

Instructions to the Candidates: i. All sections are compulsory
ii. Illustrate wherever necessary

Section –A

I Answer any Ten of the following:

10X2=20

- 1.
- 2
- 3.
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12

Section –B

VI
the following:

Answer any Five of
5X4=20

- 13
- 14
- 15
- 16
- 17
- 18
- 19

Section –C

VII
the following:

Answer any Five of
5X8=40

- 20
- 21
- 22
- 23
- 24
- 25
- 26

QUESTION PAPER PATTERN (Practical)

**V/VI Sem. B.Des. Examination (2024-25
Onwards) B.Des. Fashion Design and
Management**

Paper code and Title of the paper

MAX MARKS-40

TIME: 3 Hrs

Instructions to the Candidates: All the questions are compulsory

- | | |
|-----|--------------------|
| 11. | 10 Marks |
| 12. | 10 Marks |
| 13. | 05 Marks |
| 14. | Record 10 Marks |
| 15. | Viva Voce 05 Marks |

B. Des. FASHION DESIGN MANAGEMENT
SCHEME OF EXAMINATION
SEMESTER VII

B. Des. FASHION DESIGN MANAGEMENT
SCHEME OF EXAMINATION
SEMESTER VII

B. Des. FASHION DESIGN MANAGEMENT
SCHEME OF EXAMINATION
SEMESTER VII

Paper Code	Title of the Paper	Credits			Credits	Marks						Total	
		L	T	P		CA		Theory		Practical			
						Max	Min	Max	Min	Max	Min	Max	Min
FAD 7.1 T	Forecasting and Trend Analysis	3	0	0	4	20	8	80	32	-	-	100	40
FAD 7.2 T	Apparel Export Documentation	3	0	0	3	20	8	80	32	-	-	100	40
FAD 7.3 T	Fashion Styling	3	0	0	3	20	8	80	32	-	-	100	40
FAD 7.3 P	Fashion Styling	0	0	3	2	10	4	-	-	40	16	50	20
FAD 7.4 P	Fashion Portfolio and Design Collection	0	0	3	3	10	4	-	-	80	32	100	40
FAD 7.5 P	Fashion Accessories	0	0	3	3	10	4	-	-	80	32	100	40
FAD 7.6 P	Fashion Draping	0	0	3	2	10	4	-	-	40	16	50	20
FAD 7.7 T	Logistics and Supply Chain Management	2	0	0	3	20	8	80	32	-	-	100	40
	Total				23							700	

VII Semester
B.Des. Fashion Design and Management
Forecasting and Trend Analysis (Theory)

FAD 7.1 T	Exam Hours:03
Total Hrs.: 45	Exam Marks: 80
Number of Credits: 4	Internal Assessment: 20

Unit 1: Introduction to fashion forecasting and trend	14 hrs.
<ul style="list-style-type: none"> • Concept and Objectives of forecasting Importance and Elements of Forecasting, Principles and Theories of forecasting, Steps in Forecasting- Methodological Approach to Forecasting, Major Areas of Forecasting, Advantages and Limitations of Forecasting • Roles and Scope of forecasting, Distinction Between Long-term and Short-term Forecasting, Direction of Fashion Change and Forecasting Techniques, Role of Technology in fashion forecasting 	
Unit 2: Methods and process of forecasting	15 hrs.
<ul style="list-style-type: none"> • Forecasting methods- Subjective approach- Qualitative methods, Objective approach- Quantitative methods. Fashion forecasting techniques- Delphi technique, Scenario writing, Subjective approach, Time series forecasting. Forecast accuracy, Forecast error measures. • Fashion forecasting process - Market research, Consumer research, Shopping, Sales records, Evaluating the collections- Fashion trends, Trends for target markets, Colour forecasting, textile development and sales forecasting. • Fashion forecasting services and resources- Collection forecasting reports, Trend reports, consulting services, Fashion editing, Trade publications using online service. 	
Unit 3: Color forecasting	8 hrs.
<ul style="list-style-type: none"> • Colour Forecasting- Steps in Colour forecasting - Colour forecast reports. Dimensions of Colour, Colours in Marketing, Consumers, • The Psychology of Colours. Forecasting with Colour Cycles, Colour Research, Sources for Colour Ideas and Palettes. 	
Unit 4: Forecasting and sustainability	8 hrs.
<ul style="list-style-type: none"> • Cultural and Societal Influences on Fashion Trends: Cultural, Social and economic factors influencing fashion, the impact of Art, Music, Film, and Subcultures on trends. Case Studies on global Fashion Trends and their origins. • Future of Fashion Forecasting. Social Responsibility & Sustainability Related to Fashion Trends and Forecasting. 	

Reference Books

- Barry Keating, J Holton Wilson, "Forecasting and predictive analytics", 2019, Mc Graw Hill, ISBN: 978-1260-085235.
- Gilbson R, "The 4 lenses of Innovation: A power tool for Creative thinking, Wiley publications, 2015, ISBN: 978-1-118-74024-8
- Lorynn Divita "Fashion Forecasting", Fairchild Books, 5th Edition, ISBN: 978-1-5013-3898-4.
- Kim, Eundeok., et al. Fashion Trends: Analysis and Forecasting. English ed., Berg, 2011.
- Raina Delisle, "Fashion Forward Striving for Sustainable Style", Orca Book Publishers, 2022, ISBN: 978-145-9825802.

VII Semester
B.Des. Fashion Design and Management
Apparel Export Documentation (Theory)

FAD 7.2 T	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Credits: 3	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
1. Understand the importance of accurate and timely documentation
2. Identify the key documents required for apparel exports
3. Prepare and process export documents effectively
4. Comply with customs regulations and import/export requirements
5. Minimize delays and costs associated with customs clearance

Unit-1	10 Hrs.
Introduction to Export Documentation <ul style="list-style-type: none"> • Overview of the export process • Importance of accurate documentation • Key players in the export process (exporters, importers, customs brokers, freight forwarders) • Core Export Documents: Commercial Invoice, Packing List, Bill of Lading (BL) 	
Unit-2	11 Hrs.
Customs Procedures and Regulations <ul style="list-style-type: none"> • Customs clearance process • Harmonized System (HS) codes • Customs duties and taxes • Import and export regulations • Free trade agreements and preferential tariffs 	
Unit-3	12 Hrs.
Export Financing and Insurance <ul style="list-style-type: none"> • Letter of Credit (LC) • Documentary Collection • Export credit insurance • Risk management strategies 	
Unit-4	12 Hrs.
Incoterms <ul style="list-style-type: none"> • Meaning, significance, advantages, and disadvantages, • Commercial terms - Free Alongside Ship, Free on Board, Cost and Freight, Cost, Insurance, and Freight, Ex Works, Free Carrier, Carriage Paid to, Carriage and Insurance Paid to, Delivered at Place, Delivered at Place Unloaded, Delivered Duty Paid. 	

References
<ul style="list-style-type: none">• “International Logistics and Supply Chain Management” by David F. Rogers and Julian M. Rogers• "The Art of Color" by Johannes Itten• " Global Logistics and Supply Chain Management” by Donald J. Bowersox

VII Semester
B.Des. Fashion Design and Management
Fashion Styling (Theory)

FAD 7.3 T	Exam Hours: 02 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Credits: 3	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
1. Develop a strong foundation in the history and evolution of fashion.
2. Understand the cultural, social, and economic influences on fashion trends.
3. Develop a keen eye for detail and an understanding of aesthetic appeal.
4. Develop the ability to research and analyze fashion trends.
5. Learn how to identify and solve styling challenges.

Unit – 1	10 Hrs.
Foundations of Fashion Styling <ul style="list-style-type: none"> • Introduction to Fashion Styling: <ul style="list-style-type: none"> • Definition and scope of fashion styling • Role of a fashion stylist • Historical context of fashion styling • Relationship between fashion, art, and culture • Fashion Theory and Concepts: <ul style="list-style-type: none"> • Fashion trends and cycles • Fashion forecasting and trend analysis • Fashion aesthetics and visual communication • Color theory and its application in styling • Elements and principles of design 	
Unit 2	15 Hrs.
Personal Styling and Image Consulting <ul style="list-style-type: none"> • Understanding the Client: <ul style="list-style-type: none"> • Client consultation and needs assessment • Body types and shape analysis • Colour analysis and personal colour palettes • Style personality and personal branding • Wardrobe Planning and Styling: <ul style="list-style-type: none"> • Wardrobe editing and organization • Building a versatile wardrobe • Shopping strategies and personal shopping • Styling for different occasions and events 	

<ul style="list-style-type: none"> • Image Consulting and Etiquette: <ul style="list-style-type: none"> • Professional image and grooming • Business etiquette and dressing • Social etiquette and dressing • Personal grooming and hygiene 	
Unit 3	10 Hrs.
Fashion Styling for Commercial Shoots and Campaigns <ul style="list-style-type: none"> • Commercial Fashion Photography: <ul style="list-style-type: none"> • Understanding commercial briefs and client requirements • Pre-production planning and logistics • On-set styling and direction • Post-production and image editing • Fashion Campaigns and Advertising: <ul style="list-style-type: none"> • Developing campaign concepts and themes • Collaborating with creative teams (photographers, makeup artists, hair stylists) • Styling for different advertising mediums (print, digital, video) • Understanding brand identity and messaging • Fashion E-commerce and Online Styling: <ul style="list-style-type: none"> • Styling for online product photography • Creating engaging product descriptions and visuals • Styling for virtual try-on and augmented reality • Understanding consumer behaviour and online shopping trends 	

Unit – 4	10 Hrs.
Advanced Fashion Styling and Emerging Trends <ul style="list-style-type: none"> • Fashion Styling for Film and Television: <ul style="list-style-type: none"> • Understanding costume design and historical accuracy • Styling for different genres and eras • Collaborating with directors and production teams • Fashion Styling for Print and Digital Media: <ul style="list-style-type: none"> • Fashion photography and styling techniques • Fashion illustration and sketching • Fashion blogging and social media • Fashion journalism and writing • Emerging Trends in Fashion Styling: <ul style="list-style-type: none"> • Social media and influencer marketing • Virtual and augmented reality in fashion • AI and machine learning in fashion • Future of fashion and styling 	

References
<ul style="list-style-type: none"> • "The Philosophy of Fashion" by Roland Barthes • "The Future of Fashion" by Li Edelkoort • "The Fashionista's Guide to Writing" by Sarah Mower

- "How to Write About Fashion" by Tim Blanks
- "The Wardrobe Stylist's Handbook" by Lucinda Chambers
- "The Conscious Closet" by Elizabeth L. Cline
- "The Future of Fashion" by Li Edelkoort

VII Semester
B.Des. Fashion Design and Management
Fashion Styling (Practical)

FAD 7.3 P	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 40
Number of Credits: 2	Internal Assessment: 10

Course outcomes: On successful completion of the course, the students will be able to
1. Gain knowledge of different fashion aesthetics, styles, and subcultures.
2. Understand the importance of fit, proportion, and scale in fashion styling.
3. Develop a strong sense of creativity and innovation in fashion styling.

Unit – 1	10 Hrs.
Introduction to Fashion Styling <ul style="list-style-type: none"> • Understanding Fashion Styling: Definition, history, and its role in the fashion industry. • Elements of Fashion Styling: Color theory, texture, pattern, silhouette, and proportion. • Fashion Trends and Forecasting: Identifying current trends, analyzing trend reports, and predicting future trends. • Client Consultation and Analysis: Understanding client needs, preferences, and body type. • Building a Styling Kit: Essential tools and accessories for a stylist. 	
Unit – 2	15 Hrs.
Wardrobe Styling and Personal Shopping <ul style="list-style-type: none"> • Wardrobe Analysis: Evaluating existing wardrobe, identifying gaps, and creating a capsule wardrobe. • Personal Shopping Techniques: Understanding client needs, selecting appropriate garments and accessories, and providing styling advice. • Dressing for Different Occasions: Formal wear, casual wear, workwear, and evening wear. • Body Shape and Style: Understanding different body types and recommending flattering silhouettes. • Color Analysis: Determining best-suited colors for individual skin tones. 	
Unit – 3	10 Hrs.
Fashion Photography and Styling for Shoots <ul style="list-style-type: none"> • Understanding Fashion Photography: Basic photography techniques, lighting, and composition. • Styling for Photoshoots: Creating visually appealing looks, working with models and photographers. • Props and Accessories: Using props to enhance the overall look of a shoot. • Post-Production Editing: Basic image editing techniques using software like Photoshop or Lightroom. 	
Unit – 4	10 Hrs.
Fashion Styling for Social Media and E-commerce <ul style="list-style-type: none"> • Styling for social media: Creating visually appealing content for platforms like Instagram, TikTok, and YouTube. • E-commerce Styling: Styling products for online stores, creating product images, and writing product descriptions. • Influencer Marketing: Collaborating with influencers to promote brands and products. 	

- **Building a Personal Brand:** Creating a strong personal brand and online presence.

VII Semester
B.Des. Fashion Design and Management
Fashion Portfolio and Design Collection (Practical)

FAD 7.4 P	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Credits: 3	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
4. Understand the stages of the design process, from research to production.
5. Develop proficiency in pattern making, draping, and garment construction.
6. Create a professional and visually appealing portfolio.

Unit – 1	10 Hrs.
Foundation and Research <ul style="list-style-type: none"> • Understanding Design Collection <ul style="list-style-type: none"> ○ Definition and scope of fashion design ○ Historical context of fashion ○ Evolution of fashion trends and movements ○ Cultural and social influences on fashion • Research Methodology <ul style="list-style-type: none"> ○ Primary and secondary research techniques ○ Trend forecasting and analysis ○ Market research and consumer analysis ○ Competitive analysis 	
Unit – 2	10 Hrs.
Design Process and Concept Development <ul style="list-style-type: none"> • Design Thinking and Innovation <ul style="list-style-type: none"> ○ Creative problem-solving techniques ○ Brainstorming and mind mapping ○ Concept development and theme generation • Sketching and Rendering Techniques <ul style="list-style-type: none"> ○ Fashion figure drawing and proportion ○ Colour theory and application ○ Textile and surface pattern design • Material Exploration and Sourcing <ul style="list-style-type: none"> ○ Fabric analysis and selection ○ Trim and embellishment choices ○ Sustainable and ethical sourcing practices 	
Unit – 3	15 Hrs.
Garment Construction and Pattern Making <ul style="list-style-type: none"> • Basic Garment Construction Techniques <ul style="list-style-type: none"> ○ Hand and machine sewing skills ○ Seam finishes and edge treatments ○ Garment assembly and finishing • Pattern Making and Draping 	

- Basic pattern drafting techniques
- Draping techniques for garment creation
- Pattern alteration and fitting
- **Textile Manipulation and Surface Decoration**
 - Textile printing and dyeing techniques
 - Embellishment and surface decoration techniques (embroidery, beading, etc.)

Unit – 4

10 Hrs.

Portfolio Presentation and Industry Insights

- **Portfolio Presentation Skills**
 - Visual storytelling and narrative
 - Effective communication and presentation techniques
 - Professional portfolio presentation guidelines
- **Industry Insights and Career Paths**
 - Fashion industry trends and challenges
 - Career opportunities in fashion design
 - Networking and industry connections

VII Semester
B.Des. Fashion Design and Management
Fashion Accessories (Practical)

FAD 7.5 P	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Credits: 3	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
1. Develop an understanding of the historical and cultural significance of fashion accessories.
2. Explore the various types of fashion accessories and their design principles.
3. Examine the relationship between fashion accessories and overall fashion trends.
4. Gain practical knowledge of the production and manufacturing processes of fashion accessories.

Unit-1	5 Hrs.
Market survey and report on current fashion accessories trends.	
Unit-2	8 Hrs.
Fashion Accessories designing: Sketching, rendering of headgear, handbag, footwear, ties and bows, belts, scarves, and gloves.	
Unit-3	8 Hrs.
Bead Jewelry designing: Using different bead types (glass/gemstones, pearls), with costing for the developed products.	
Unit-4	8 Hrs.
Metal Jewelry designing: Using various metals (copper / brass), with costing for the developed products.	
Unit-5	8 Hrs.
Bag Making: Simple tote bag, Clutch purse, and Drawstring bag, with costing for the developed products.	
Unit-6	8 Hrs.
Jewelry designing Sketching, rendering and construction of Indian Jewelry – Mughal / Thewa / Kundan / Temple Jewelry set with costing for the developed products.	

VII Semester
B.Des. Fashion Design and Management
Fashion Draping (Practical)

FAD 7.6 P	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 40
Number of Credits: 2	Internal Assessment: 10

Course outcomes: On successful completion of the course, the students will be able to
7. Mastery of basic and advanced draping techniques, including pinning, easing, and shaping fabric to create various garment styles.
8. Knowledge of different fabric types and their draping properties, enabling effective fabric selection and manipulation.
9. Development of original design concepts and the ability to translate them into three-dimensional forms through draping.

Unit – 1	10 Hrs.
<ul style="list-style-type: none"> Introduction to draping, principles of draping, preparation of dress form and muslin for draping. Draping terminologies. 	
Unit – 2	10 Hrs.
<ul style="list-style-type: none"> Basic Draping Techniques- Bodice Front, Bodice Back and Basic Skirt 	
Unit – 3	15 Hrs.
<ul style="list-style-type: none"> Draping of Yokes - Shoulder, Midriff, Hip line. Draping of fullness- (gathers, pleats, tucks, ruffles, flounce) Draping of Cowls – Cowl top, Cowl dress. 	
Unit – 4	10 Hrs.
Draping and development of Garments <ul style="list-style-type: none"> Designer choli Evening gown 	

VII Semester
B.Des. Fashion Design and Management
Logistics and Supply Chain Management (Theory)

FAD 7.7 T	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Credits: 3	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to

- Understand the role and importance of logistics in supply chain management.
- Identify and analyze the key components of logistics operations.
- Evaluate and select appropriate transportation modes and carriers.
- Design and optimize warehouse layout and operations.

Unit – 1	Hrs.
<p>Chapter 1 Introduction to Logistics and Supply Chain Management: Definition, scope, and importance. Key components of logistics and Supply Chain systems; Overview of supply chain management and its relationship with logistics; Understanding the fashion supply chain and its unique characteristics.</p> <p>Chapter 2 Transportation and Distribution Management: Modes of transportation-road, rail, air, sea and their characteristics, Freight management and carrier selection, Route optimizations and transportation cost analysis; Last-mile delivery and urban logistics for apparels.</p> <p>Chapter 3 Supply Chain Integration and Collaboration - Role of information systems in supply chain management; Collaborative, Planning, Forecasting, and Replenishment (CPFR); Vendor-managed inventory (VMI) and supplier partnerships; Integration with suppliers, manufacturers, and customers.</p>	15
Unit – 2	Hrs.
<p>Chapter 4 Performance Measurement and Continuous Improvement - Key Performance Indicators (KPIs) for logistics and Supply Chain Management; Balanced scorecard approach and performance measurement frameworks; Continuous improvement methodologies - Six Sigma, Kaizen.</p> <p>Chapter 5 Demand Forecasting and Order Fulfilment - Techniques for demand forecasting and planning, Order processing - picking, and packing operations, Order fulfilment strategies -drop-shipping, just-in-time, Customer service and order tracking. Warehouse Management Systems and Technology for order fulfillment: Cross Docking and drop Shipping.</p> <p>Chapter 6</p>	15

Forecasting and Fulfilment in E-commerce - Forecasting considerations for e-commerce businesses; Fulfilment models for online retail-drop shipping, third-party logistics; Order tracking and visibility in e-commerce; Managing peak seasons in e-commerce.	
Unit – 3	Hrs.
<p>Chapter 7 Technology and Data Analytics in Logistics - Role of technology in logistics management- RFID, WMS, TMS; Data analytics and predictive modeling for logistics optimizations; Real-time tracking and visibility in logistics operations.</p> <p>Chapter 8 Sustainable Logistics and Green Supply Chain - Concepts of sustainability in logistics management; Green transportation and fuel-efficient practices; Reverse logistics and recycling programs; Carbon footprint measurement and reduction strategies in apparel Industry.</p> <p>Chapter 9 Global Logistics and Emerging Trends in Apparel Industry - Challenges and opportunities in global logistics management; International trade regulations and customs procedures, such as e-commerce logistics, omni-channel distribution, and blockchain technology.</p>	15
References	
<ul style="list-style-type: none"> Bowersox, D. J., and Closs, D. J. (1996), “Logistical Management - The Integrated Supply Chain Process”, New York, McGraw-Hill, ISBN: 978-007-006-8834 	
<ul style="list-style-type: none"> David Simchi Levi, Philip Kaminsky, “Designing and Managing Supply Chain”, Mc Graw Hill, 2022, ISBN-13:978-9355-321787. 	
<ul style="list-style-type: none"> Fernie, J., and Sparks, L., (EDS), (1998), “Logistics and Retail Management, Insight into Current Practice and Trends from Leading Experts”, Kogan Page Ltd, London 	
<ul style="list-style-type: none"> John Fernie and David Grant "Fashion Logistics: Insights into the Fashion Retail Supply Chain" Kogan Page; 1st edition, 2015, ISBN-13: 978-0749472986 	
<ul style="list-style-type: none"> Rajkishore Nayak, “Supply Chain Management and Logistics in the Global Fashion Sector”, The Sustainability Challenge, by Routledge, 2020, ISBN 9780367543860 	
<ul style="list-style-type: none"> Richard B Chase, Ravi Shankar and F Robert Jacobs, “Operations and Supply Chain Management (SIE) 2018, McGraw Hill Education. ISBN-13: 978-9353-161170. 	
<ul style="list-style-type: none"> Tsan-Ming Choi "Fashion Retail Supply Chain Management: A Systems Optimization Approach", CRC Press, 1st Edition, 2017, ISBN 9781138074248 	

B. Des. FASHION DESIGN MANAGEMENT
SCHEME OF EXAMINATION
SEMESTER VIII

SCHEME OF EXAMINATION	
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SEMESTER VIII	
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Paper Code	Title of the Paper	Credits			Credits	Marks						Total	
		L	T	P		CA		Theory		Practical			
						Max	Min	Max	Min	Max	Min	Max	Min
FAD 8.1 T	Global Fashion Business	3	0	0	4	20	8	80	32	-	-	100	40
FAD 8.2 T	E Commerce in Fashion	3	0	0	3	20	8	80	32	-	-	100	40
FAD 8.3 T	Apparel Quality Control	3	0	0	3	20	8	80	32	-	-	100	40
FAD 8.4 P	Boutique Management	0	0	2	2	10	4	-	-	40	16	50	20
FAD 8.5 T	Fashion Materials	2	0	0	3	20	8	80	32	-	-	100	40
FAD 8.6 P	Visual Merchandising	0	0	2	2	10	4	-	-	40	16	50	20
FAD 8.7 P	Graduation Project	0	0	2	3	20	8	-	-	80	32	100	40
FAD 8.8 T	Entrepreneurship Development	2	0	0	3	20	8	80	32	-	-	100	40
	Total				23							700	

VIII Semester
B.Des. Fashion Design and Management
Global Fashion Business (Theory)

FAD 8.1 T	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Credits: 4	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
a. Understand the global fashion industry landscape
b. Analyze consumer behavior and market trends
c. Develop product concepts and strategies
d. Understand the importance of branding and marketing in the fashion industry
e. Apply sustainable practices in fashion design and production

Unit-1	10 Hrs.
Introduction to the Global Fashion Industry <ul style="list-style-type: none"> • Historical overview of the fashion industry • Key players in the global fashion industry • Global fashion markets and trends • Cultural influences on fashion and consumer behaviour 	
Unit-2	12 Hrs.
Product Development and Design <ul style="list-style-type: none"> • The product development process & Design concepts and inspiration • Materials and sourcing & Pattern making and sample development • Quality control and testing • International standards and regulations 	
Unit-3	11 Hrs.
Financial Management and Business Planning <ul style="list-style-type: none"> • Financial planning and budgeting & Costing and pricing strategies • Retail math and inventory management • Business planning and strategy & Financial analysis and decision-making 	
Unit-4	12 Hrs.
Global Trade and Export-Import <ul style="list-style-type: none"> • International trade agreements and regulations • Export documentation and procedures & Import duties and tariffs • Logistics and shipping & Customs clearance and regulations 	

References
<ul style="list-style-type: none">• “The Business of Fashion” by Tim Blanks• " Fashion Marketing: A Global Perspective” by C.W. Reynolds and D.J. Waller• " The Fashion Business Manual: An Illustrated Guide to Building a Fashion Brand” by Karen Fairchild and Thomas Fallon

VIII Semester
B.Des. Fashion Design and Management
E-Commerce in Fashion (Theory)

FAD 8.2 T	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Credits: 3	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
1. Understand the fundamentals of e-commerce and its impact on the fashion industry
2. Develop effective e-commerce strategies for fashion brands
3. Optimize websites and online stores for search engines
4. Manage online inventory and logistics efficiently
5. Analyze e-commerce data to make informed decisions

Unit-1	12 Hrs.
Introduction to E-commerce <ul style="list-style-type: none"> • Definition and evolution of e-commerce • Types of e-commerce models (B2C, B2B, C2C) • Benefits and challenges of e-commerce • The role of technology in e-commerce 	
Unit-2	12 Hrs.
Digital Marketing for Fashion <ul style="list-style-type: none"> • Search engine optimization (SEO) • Pay-per-click (PPC) advertising • Social media marketing, Content marketing, Email marketing & Influencer marketing 	
Unit-3	11 Hrs.
Online Merchandising and Product Presentation <ul style="list-style-type: none"> • Product photography and videography • Product descriptions and storytelling • Visual merchandising and online store design • Personalization and recommendation engines 	
Unit-4	10 Hrs.
Customer Relationship Management (CRM) <ul style="list-style-type: none"> • Building customer relationships • Customer loyalty programs • Customer service and support • Data analytics and insights 	

References
<ul style="list-style-type: none">• “E-commerce”: By Kenneth C. Laudon and Carol Guercio Traver• “Digital Marketing Strategy: An Integrated Approach” by Dave Chaffey and Fiona Ellis

VIII Semester
B.Des. Fashion Design and Management
Apparel Quality Control (Theory)

FAD 8.3 T	Exam Hours: 03 Hrs.
Total Hrs.: 60	Exam Marks: 80
Number of Credits: 3	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
<ul style="list-style-type: none"> • Able to understand various apparel quality standards. • Equipped with sufficient knowledge to differentiate and classify between various quality standards, test procedures and techniques. • Would be equipped with logical reasoning, thorough knowledge of fabric, garment accessories and trims used for various apparel products. • Will be well versed with national and international quality standards. • They would have ample knowledge of various quality theories, concepts of floor management, grading standards, tools, and techniques of quality management.

Unit-1	15 Hrs.
<ul style="list-style-type: none"> • Introduction to Quality, Basic terminologies, Evolution of Quality management, Quality Function and Quality Planning. • Basic concepts of Total Quality Management (TQM), Principles of TQM, 7 Tools of TQM. Quality Trilogy. • PDCA cycle & PDSA cycle. Kaizan concept, 5'S Philosophy, Quality Circles. 	
Unit-2	15 Hrs.
<ul style="list-style-type: none"> • Statistical Quality Control (SQC), Quality Control (QC) objectives, methods and application. • Fabric defects, terms, and types. 4-point system and 10-point system of fabric inspection. • IPQC-In process quality control, AQL- Apparel quality levels. 	
Unit-3	15 Hrs.
<ul style="list-style-type: none"> • Garment Inspection-Men's wear, women's wear, kids wear. • Various types of care labelling system, its importance and application • Eco labels labeling and its importance. 	
Unit-4	15 Hrs.
<ul style="list-style-type: none"> • Garment processing and finishing. Garment dyeing, types of washing machines, centrifuge and drying. • Care of fabrics- Principles of laundering, Stain removal, various solvents used. • Need for ISO 9000 and Internal Auditing, Study on ISO 9001:2000 Guidelines and Standard Clauses, Environmental Management System (EMS), Implementation of ISO 14000. 	

Reference

- A.J. Hall “The Standard Hand Book of Textiles”, Woodhead Publication, 2004
- Dr. S.P.Gupta, “Statistical Methods”3. J.M. Juran, “Quality Control Handbook”. V.K.Kapoor, “Statistics”
- Pradeep V. Mehta & Satish Bharadwaj. “Managing Quality in Apparel Industries”. New Age International, Ltd 1998
- Kenneth L. Arnold & Michael Holler, “Quality Assurance Method & Technologies” McGraw Hill Publishers, USA.
- Pradeep V. Mehta & Satish Bharadwaj. “Managing Quality in Apparel Industries”. New Age International, Ltd 1998.
- 8. Amubhai Patel, “Towards Zero Defect”, Meena Publishers.

VIII Semester
B.Des. Fashion Design and Management
Boutique Management (Practical)

FAD 8.4 P	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 40
Number of Credits: 2	Internal Assessment: 10

Course outcomes: On successful completion of the course, the students will be able to
1. Learn the correct cleaning and maintenance techniques for sewing machines.
2. Develop unique boutique concepts aligned with market trends.
3. Create a strong brand image through visual storytelling.
4. Design effective store layouts and visual merchandising strategies.

Unit-1	7 Hrs.
Understand maintenance procedures: <ul style="list-style-type: none"> Cleaning and maintenance techniques for sewing machines. Common issues that may arise during the sewing process and implement appropriate solutions. Safe working procedures in a sewing environment. 	
Unit-2	7 Hrs.
Boutique Concept Development: Developing a unique boutique concept - Creating a business plan (market research, Target audience, USP, Merchandise focus, Brand identity) - Brainstorming and sketching boutique layouts – Business Model Canvas.	
Unit-3	7 Hrs.
Market Research & Analysis: Find an existing boutique as competitor and conduct market research to observe customer traffic and behavior; Conducting surveys or interviews with potential customers; Analyzing competitor offerings and pricing; Identifying market trends and opportunities. And create SWOT analysis.	
Unit-4	8 Hrs.
Fabric swatch book and style book: Creation of fabric swatch book and style book with details for the boutique with reference to the present trend.	
Unit-5	8 Hrs.
Merchandise Plan:	

Create a merchandise plan for all 4 seasons and any 3 festivals, considering trends, target audience preferences, and budgetary constraints.

Unit-6

8 Hrs.

Visual Merchandising Techniques:

Creating store layout - Building a miniature store model

VIII Semester
B.Des. Fashion Design and Management
Fashion Materials (Theory)

FAD 8.5 T	Exam Hours: 03 Hrs.	
Total Hrs.: 45	Exam Marks: 80	
Number of Credits: 3	Internal Assessment: 20	
Unit-1		7 Hrs.
Introduction to Fashion Materials <ul style="list-style-type: none">• Definition and Importance of Fashion Materials• Classification of Materials: Natural, Synthetic, Blended, and Innovative Textiles• Role of Materials in Fashion Design		
Unit-2		7 Hrs.
Natural Fibers and Fabrics <ul style="list-style-type: none">• Cotton, Wool, Silk, Linen• Properties, Characteristics, and Uses• Processing and Finishing Techniques Synthetic and Blended Fibers <ul style="list-style-type: none">• Polyester, Nylon, Acrylic, Spandex• Advantages and Limitations• Blending Techniques and Their Application		
Unit-3		7 Hrs.
Specialty and Innovative Fabrics <ul style="list-style-type: none">• Smart Textiles and Wearable Technology• Sustainable and Eco-friendly Fabrics (e.g., Organic Cotton, Bamboo, Tencel)• Performance Fabrics (e.g., Water-Resistant, UV-Protective Materials)		
Unit-4		8 Hrs.
Fabric Construction Techniques <ul style="list-style-type: none">• Weaving, Knitting, and Non-Woven Techniques• Surface Treatments and Finishes (e.g., Dyeing, Printing, Embroidery)		
Unit-5		8 Hrs.

Material Sourcing and Supply Chain <ul style="list-style-type: none"> • Sourcing Raw Materials • Ethical and Sustainable Sourcing Practices • Global Material Supply Chains 	
Unit-6	8 Hrs.
Fabric Testing and Quality Control <ul style="list-style-type: none"> • Testing Techniques for Strength, Shrinkage, Color Fastness, etc. • Industry Standards and Certifications 	
Application of Fashion Materials <ul style="list-style-type: none"> • Material Selection for Different Fashion Categories (e.g., Apparel, Accessories, Footwear) • Costing and Budgeting Based on Material Choices 	
Trends in Fashion Materials <ul style="list-style-type: none"> • Current and Emerging Trends in Textiles • Innovations in Sustainable and Bioengineered Fabrics 	
Practical Workshops and Projects <ul style="list-style-type: none"> • Hands-on Fabric Identification • Material Swatch Development • Final Project: Create a Mini Collection Using Different Material 	
References: <ol style="list-style-type: none"> 1. Textiles: The Art of Mankind" – <i>Mary Schoeser</i> 2. "Fabric for Fashion: The Complete Guide" – <i>Clive Hallett & Amanda Johnston</i> 3. "The Fashion Designer's Textile Directory" – <i>Gail Baugh</i> 4. "Textile Science" – <i>Kadolph, Sara J., and Langford, Anna L.</i> 5. Sustainable Fashion and Textiles: Design Journeys" – <i>Kate Fletcher</i> 6. "Smart Textiles for Designers: Inventing the Future of Fabrics" – <i>Rebecca Pailes-Friedman</i> 	

VIII Semester
B.Des. Fashion Design and Management
Visual Merchandising (Practical)

FAD 8.6 P	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 40
Number of Credits: 2	Internal Assessment: 10

Course outcomes: On successful completion of the course, the students will be able to
1. Analyze the impact of different store layout configurations on customer experience and sales.
2. Design and create visually appealing window displays that attract customers.
3. Explore the application of VR/AR technologies in visual merchandising.
4. Construct miniature store models to visualize and evaluate design concepts.

Unit-1	7 Hrs.
Store Layout Planning & Modeling: Creating store layout plans using floor plans - Building a miniature store model - Evaluating different store layout options	
Unit-2	8 Hrs.
Window Display Design: Designing and creating a window display - Using props and mannequins effectively - Understanding the importance of window displays	
Unit-3	7 Hrs.
Lighting & Display Experiments: Experimenting with different lighting techniques - Creating various display setups (shelving, hanging) - Analyzing the impact of lighting on merchandise	
Unit-4	8 Hrs.
Merchandise Presentation & Styling: Styling mannequins with different outfits - Creating thematic displays for different seasons - Evaluating the effectiveness of merchandise presentations	
Unit-5	8 Hrs.
Digital Visual Merchandising: Creating digital signage and social media content - Exploring VR/AR applications for visual merchandising - Using visual merchandising software tools	

VIII Semester
B.Des. Fashion Design and Management
Graduation Project (Practical)

FAD 8.7 P	Exam Hours: 3 Hrs.
Total Hrs.: 60	Exam Marks: 80
Number of Credits: 3	Internal Assessment: 20

PROJECT REPORT

The format for preparing the Project Documentation Report is as follows:

- Cover Page (Outer and Inner)
- Certificate from the Institution with signature of the Principal, HOD and Guide and **photo of the student (scanned)**
- Certificates –From the company/Cluster,
- Certificate of Declaration with signature and **photo of the student (scanned)**
- Acknowledgement

Note:

- Font type: **TIMES NEW ROMAN**
- Font Size:
 - **Running matter / Text – Font size – 12**
 - **Sub Heading: Font size 14**
 - **Chapter and Headings: Font size 16 (bold)**
 - **Paragraphs should have 1.5 line spacing and justified**
 - **Margin – left - 1.5” right – 1”**
 - **Top – 1.5” Bottom – 1”**
 - **No of copies – 4 (1 student copy, 1 university copy, 1 college copy and 1 Guide copy)**
 - **Colour of the cover page – light blue and binded with transperant jacket.**
 - **All four copies should be hard bound and A4 size Executive bond paper to be used for the print out.**
 - **Every chapter to be documented with the use of color photographs involving students.**
 - **The report / project should be a minimum of 70– 80 pages**



UNIVERSITY OF MYSORE

FAD 8.7 P GRADUATION PROJECT (PRACTICAL)

**Record submitted in partial fulfillment for the
Degree of B.Des. [FASHION DESIGN AND MANAGEMENT]**

Submitted By,

(Name)

(Reg No)

Under the Guidance of:

(Faculty details)



VOGUE INSTITUTE OF DESIGN

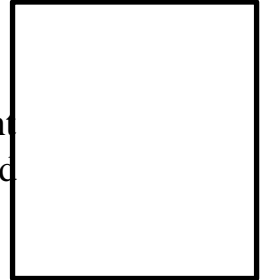


VOGUE INSTITUTE OF DESIGN

CERTIFICATE

This is to certify that the Graduation project report entitled

Submitted to University of Mysore in partial fulfillment of the requirement
for the award of the degree of Bachelors of Design in Fashion Design and
Management by _____(Name)
_____(roll no.)



This project work in full or in part has not formed the basis for the award of any degree or diploma to any other University or Institute.

Guide:

(Faculty)

Fashion & Apparel Design Department
Institute of Design.

Head of the Department

Fashion & Apparel Design Department Vogue
Vogue Institute of Design.

Principal

Vogue Institute of Design

EXAMINERS

- 1.
- 2.

VIII Semester
B.Des. Fashion Design and Management
Entrepreneurship Development (Theory)

FAD 8.8 T	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Credits: 3	Internal Assessment: 20

Unit-1	7 Hrs.
Concept and Emergence of Entrepreneurship Entrepreneurship: concept, knowledge, and skills requirement; Characteristics of entrepreneurs, Role of entrepreneurship in economic development; Value addition and Employment Creation Entrepreneurship process, factors impacting emergence of entrepreneurship; Managerial V/Sentrepreneurial approach and emergence of entrepreneurship; Women Entrepreneurship in India - Growth and Possibilities; Entrepreneurship Development in Urban India	
Unit-2	6 Hrs.
Starting Business Starting the venture, generating business idea sources of new ideas; methods of generating ideas, creative problem solving, opportunity recognition; environment scanning; competitor and industry analysis	
Unit-3	6 Hrs.
Feasibility Study Feasibility study, market feasibility; technical/operational feasibility; financial feasibility	
Unit-4	6 Hrs.
Business Plan Business plan; preparing project report; presenting business plan to investors; Why Business Plans Don't Get Funded: An Entrepreneurial Perspective; Community Environment for Entrepreneurship; Functional plans	
Unit-5	6 Hrs.

Marketing and Manpower Planning

Marketing plan -marketing research for the new venture; steps in preparing marketing plan, contingency planning; organizational plan – form of ownership; designing organization structure, job design, manpower planning; financial plan; cash budget, working capital; proforma income statement; proforma cash flow, proforma balance sheet, break even analysis

Unit-6

7 Hrs.

Small Scale Industries and Financial Institutions

Meaning and Growth of MSEs; Small Scale Industries; Significance; problems and remedies; Industrial Policies; foreign direct investment (FDI); Sources of finance, debt or equity financing, commercial banks; venture capital, Financial Institutions supports Entrepreneurs

Unit-7

7 Hrs.

National Skill Development Programs for Entrepreneurship

National Policy for the Development of Women Entrepreneurs in India; National Skill Development; Skill Development in India: Vocational Education and Training System; supporting entrepreneurs

REFERENCES:

1. Allen, Kathleen R, (2006) “*Growing And Managing a Small Business An Entrepreneurial Perspective*” Publisher- Houghton Mifflin College Div
2. Madhurima Lall & Shika Sahai (2008) *Entrepreneurship, Excel Publication*, 2nd edition
3. Arun Mittal & S L Gupta (Author) (2011), “*Entrepreneurship Development*”, International Book House Pvt. Ltd. (2011)
4. G.R Krishna, Nobert Koubek, A.K. Singh, Nagendra.S (2011) “*Entrepreneurship And Development*”, Edited Book, SITA publications , Mumbai, 2011
5. Rajeev Roy (2011) “*Entrepreneurship*” Oxford Higher Education, Aug-2011

Outline for Continuous Assessment

Theory

Activity	C1	C2	Total
Session Test	10%	-	10%
Seminars/Presentations/Activity	-	05%	05%
Attendance/Assignment	-	05%	05%
Total	10%	10%	20%

Practical

Activity	C1	C2	Total
Record/ Performance	05%	-	05%
Activity/Practice Exercise	-	05%	05%
Total	05%	05%	10%

QUESTION PAPER PATTERN (Theory)

VII/VIII Sem. B.Des. Examination (2024-25 Onwards)

B.Des. Fashion Design and Management

Paper code and Title of the paper

MAX MARKS-80

TIME: 3Hrs

Instructions to the Candidates: i. All sections are compulsory
ii. Illustrate wherever necessary

Section –A

I Answer any Ten of the following:

10X2=20

- 1.
- 2
- 3.
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12

Section –B

VIII
the following:

Answer any Five of
5X4=20

- 13
- 14
- 15
- 16
- 17
- 18
- 19

Section –C

IX Answer any Five of the following:

5X8=40

- 20
- 21
- 22
- 23
- 24
- 25
- 26

QUESTION PAPER PATTERN (Practical)

**VII/VIII Sem. B.Des. Examination
(2024-25 Onwards)**

**B.Des. Fashion Design and
Management**

Paper code and Title of the paper

MAX MARKS-40

TIME: 3 Hrs

Instructions to the Candidates: All the questions are compulsory

16.	10 Marks
17.	10 Marks
18.	05 Marks
19.	Record 10 Marks
20.	Viva Voce 05 Marks

SCHEME OF EXAMINATION								
B.Des. INTERIOR DESIGN MANAGEMENT								
SEMESTER I								
CODE	Subjects	Paper Theory/ Practical	Instruction Hrs./week	Duration of Exam (Hrs.)	Marks			CREDITS
					IA	Exam	Total	
L1	Language I	Theory	4	3	20	80	100	3
L2	Language II	Theory	4	3	20	80	100	3
IDD 1.1 T	Basics of designing	Theory	4	3	20	80	100	3
IDD 1.1 P	Visual Representation	Practical	4	3	10	40	50	2
IDD 1.2 T	Professional Practices and Ethics	Theory	4	3	20	80	100	3
IDD 1.2 P	2D & 3D Graphics	Practical	4	3	10	40	50	2
IDD 1.3 T	Historical Design and Art Movements I	Theory	4	3	20	80	100	3
IDD 1.3 P	Historical Design and Art Movements I	Practical	4	3	10	40	50	2
	Compulsory 1 (Constitutional Values)	Theory	2	1.5	10	40	50	2
				Total	700			23

B.Des. INTERIOR DESIGN MANAGEMENT								
SEMESTER II								
CODE	Subjects	Paper Theory/ Practical	Instruction hrs./week	Duration of Exam (hrs.)	Marks			CREDITS
					IA	Exam	Total	
L1	Language I	Theory	4	3	20	80	100	3
L2	Language II	Theory	4	3	20	80	100	3
IDD 2.1 T	Design Thinking	Theory	4	3	20	80	100	3
IDD 2.1 P	Design Thinking	Practical	4	3	10	40	50	2
IDD 2.2 T	Historical Design and Art Movements II	Theory	4	3	20	80	100	3
IDD 2.2 P	Historical Design and Art Movements II	Practical	4	3	10	40	50	2
IDD2.3 T	Entrepreneurship skills	Theory	4	3	20	80	100	3
IDD 2.3 P	Office Suite Essentials	Practical	4	3	10	40	50	2
	Compulsory 2 (EVS)	Theory	2	1.5	10	40	50	2
				Total	700			23

I Semester

IDD 1.1 T - Basics of Designing (Theory)

IDD 1.1 T	Exam Hours: 03 Hrs.
Total Hrs.: 60	Exam Marks: 80
Number of Theory Credits: 4	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
1.Demonstrate a solid understanding of the fundamental elements and principles of design
2.Develop a strong foundation in typography
3.Master color theory and its application in design
4.Develop problem-solving and critical thinking skills
5.Create visually appealing and functional designs

Unit-1	15 Hrs.
Unit 1: Elements of Design <ul style="list-style-type: none">• Introduction to design: Definition, purpose, and importance of design• Design principles: Harmony, balance, rhythm, emphasis, contrast, unity, and proportion• Design elements: Line, shape, form, space, texture, color, and value Learning Activities: <ul style="list-style-type: none">• Create a mood board using images that demonstrate different design principles and elements.• Analyze existing designs to identify the principles and elements used.• Experiment with different combinations of principles and elements to create unique designs.	
Unit-2	15 Hrs.
Design Process and Tools <ul style="list-style-type: none">• Design process: Research, ideation, development, prototyping, and evaluation• Design tools: Sketching, drawing, digital tools (e.g., Adobe Photoshop, Illustrator), and physical materials• Design software: Basic introduction to design software (e.g., Adobe Photoshop, Illustrator) Learning Activities: <ul style="list-style-type: none">• Practice sketching and drawing techniques to develop design ideas.• Use design software to create digital designs.• Experiment with different design tools and materials to find what works best for you.	
Unit-3	15 Hrs.

Typography and Layout

- **Typography:** Understanding different fonts, typefaces, and their characteristics
- **Layout:** Principles of layout design, including balance, hierarchy, and white space
- **Grid systems:** Using grids to create organized and visually appealing layouts

Learning Activities:

- Experiment with different fonts and typefaces to create visually interesting designs.
- Practice creating layouts using grids and different design elements.
- Analyze existing designs to understand how typography and layout are used effectively.

Unit-4

15 Hrs.

Color Theory and Application

- **Color theory:** Understanding color psychology, color harmony, and color palettes
- **Color application:** Using color effectively in design projects
- **Color in different media:** Applying color to different design mediums (e.g., print, digital)

Learning Activities:

- Create color palettes using different color theories.
- Experiment with different color combinations to create visually appealing designs.
- Analyze existing designs to understand how color is used effectively.

References

- "The Elements of Graphic Design" by Colin Forbes
- "The Art of Color" by Johannes Itten
- "Design Basics" by Robin Landa

I Semester
B.Des. INTERIOR DESIGN MANAGEMENT
1.1 P - Visual Representation (Practical)

IDD 1.1 P	Exam Hours: 03 Hrs.
Total Hrs.: 60	Exam Marks: 40
Number of Practical Credits: 2	Internal Assessment: 10

Course outcomes: On successful completion of the course, the students will be able to
1. Identify basic drawing tools
2. Visualizing the design from raw sources
3. Developing designs using basic drawing techniques.

Unit – 1	10 Hrs.
Basic Drawing Tools and Techniques <ul style="list-style-type: none"> • Introduction to Tools: <ul style="list-style-type: none"> ○ Pencils (HB, 2B, 4B, 6B) ○ Erasers ○ Sharpeners ○ Drawing paper (sketchbook) • Techniques and practices: <ul style="list-style-type: none"> ○ Pencil strokes (light, medium, heavy) ○ Shading techniques (hatching, cross-hatching, stippling) ○ Blending techniques (using a blending stump or tissue) ○ Erasing techniques (light and heavy erasing) ○ Practice drawing different types of lines (straight, curved, wavy) ○ Shading techniques on different surfaces ○ Creation of simple drawings using basic shapes (squares, circles, triangles) 	
Unit – 2	10 Hrs.
Perspective and Proportion <ul style="list-style-type: none"> • Perspective: <ul style="list-style-type: none"> ○ One-point perspective ○ Two-point perspective ○ Three-point perspective • Proportion: <ul style="list-style-type: none"> ○ Understanding the human figure and its proportions ○ Drawing objects to scale 	
Unit – 3	15 Hrs.

Observation and Sketching	
<ul style="list-style-type: none"> ○ Quick sketch ○ Sketch with detailing ○ Sketching living beings in motion 	
<ul style="list-style-type: none"> ○ Sketching landscapes 	
Unit – 4	15 Hrs.
<ul style="list-style-type: none"> • Visualization of design: Silhouette extraction > developing design internally / externally. • Sketching with emotions: Expressing emotions and ideas through visual imagery 	
Unit - 5	10 Hrs.
Exploration of color mediums: Pencils, charcoals, watercolors, acrylics, poster colors, color inks, pastels and oil colors.	

I Semester
B.Des. Interior Design Management
IDD 1.2 T - Professional Practices and Ethics (Theory)

IDD 1.2 T	Exam Hours: 03 Hrs.
Total Hrs.: 60	Exam Marks: 80
Number of Theory Credits: 4	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
1. Demonstrate understanding of professional ethics and codes of conduct.
2. Apply ethical principles to decision-making in professional contexts.
3. Recognize and address ethical challenges in the workplace.
4. Communicate effectively on ethical issues with colleagues and clients.
5. Adhere to ethical standards and maintain professional integrity.

Unit – 1	15 Hrs.
Introduction to Professional Practices and Ethics <ul style="list-style-type: none"> • Definition of professional practices and ethics • Importance of professionalism in the design industry • Ethical considerations in the industry • Ethical codes and standards • Case studies of ethical dilemmas in the industry 	
Unit 2	20 Hrs.
Legal and Regulatory Framework <ul style="list-style-type: none"> • Intellectual property rights (IPR) in designs • Copyright, trademark, and patent laws • Label laws and regulations • Fair trade practices and certifications • Consumer protection laws 	
Unit 3	10 Hrs.
Sustainable Practices in Textiles and Fashion <ul style="list-style-type: none"> • Definition of sustainability • Sustainable materials and production processes • Environmental impact of the design industry • Ethical sourcing and fair labor practices • Sustainable design trends and initiatives 	

Unit – 4	15 Hrs.
Professional Development and Networking <ul style="list-style-type: none"> • Importance of continuous learning and development • Networking opportunities in the industry • Building professional relationships • Career planning and goal setting • Professional etiquette and communication skills 	

References
<ul style="list-style-type: none"> • Weinberger, D. M. (2017). <i>Design ethics: A primer</i>. MIT Press. • Margolin, V. (2014). <i>Professional responsibility in design</i>. Routledge. • Norman, D. (2013). <i>The design of everyday things</i>. Basic Books. • Mace, R. L. (2004). <i>Universal design: The definitive guide to creating inclusive environments</i>. Wiley. • Billington, D. P. (2013). <i>Ethical dilemmas in design</i>. Routledge.

I Semester
B.Des. Interior Design Management
IDD1.3 P – 2D &3D GRAPHICS (Practical)

IDD 1.3 P	Exam Hours: 03 Hrs.
Total Hrs.: 60	Exam Marks: 40
Number of Practical Credits: 2	Internal Assessment: 10

Course outcomes: On successful completion of the course, the students will be able to
<ul style="list-style-type: none"> • Present Technical drawings professionally
<ul style="list-style-type: none"> • Identify and understand the perspective.
<ul style="list-style-type: none"> • Visualize objects by comprehending orthographic and other projections.

Unit – 1	10 hrs.
Drafting of Different Types of lines, different types of lettering, symbols used in architecture, Different Types dimensioning, and scales. Rendering Skills, Material Representations through Sketches, Drawings, Drafting and Models	
Unit – 2	20 hrs.
Orthogonal projections, drafting of plans and elevations of various types of objects, Development of Surfaces of Objects. Constructions of Geometrical Shapes,	
Unit – 3	13 hrs.
Drafting of Isometric Views, Axonometric Views and Oblique Views, Different objects and Interior related views & Objects	
Unit – 4	17 hrs.
Drafting of Perspective drawing of simple and complex objects, one point and two-point perspective of Interiors and exteriors, sectional perspectives	

References
1. Atkins, B. Architectural Rendering. California: Walter Foster Art Books. 1986
2. Batley, C. Indian Architecture. Bombay: D. B. Taraporevale Sons.1973
3. Bhatt, N. D. (2003). Engineering Drawing. Anand: Charotar Publishing House. 2003
4. Ching, F. D. K. Architectural Graphics. 5th Ed. Hoboken: John Wiley & Sons. 2009
5. Ching, F. D. K. A Visual Dictionary of Architecture. 2nd Ed. Hoboken: John Wiley & Sons. 2011
6. Dinsmore, G. A. (1968). Analytical Graphics. Canada: D. Van Nostrand, Company Inc. 1986
7. Halse, A. O. (1972). Architectural rendering; the techniques of contemporary presentation. 2nd
8. Ed. New York: McGraw-Hill. 1972

I Semester
B.Des. Interior Design Management
IDD 1.3 T – Historical Design and Art Movements- I (Theory)

IDD 1.3 T	Exam Hours: 03 Hrs.
Total Hrs.: 60	Exam Marks: 80
Number of Theory Credits: 4	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
1. Demonstrate a comprehensive understanding of the major historical design and art movements.
2. Analyze the social, cultural, and technological factors that influenced these movements.
3. Evaluate the impact of these movements on contemporary design and art practices.
4. Identify key figures, works, and styles associated with each movement.
5. Critically analyze the aesthetic and conceptual underpinnings of these movements.

Unit – 1	13 hrs.
Ancient and Medieval Design: <ul style="list-style-type: none"> • Ancient Civilizations: Egyptian, Mesopotamian, Greek, Roman design. • Medieval Period: Byzantine, Gothic, Renaissance design. 	
Unit – 2	13 hrs.
Indus Valley Civilization and Vedic Period <ul style="list-style-type: none"> • Indus Valley Civilization: <ul style="list-style-type: none"> ○ Urban planning and architecture (Mohenjo-daro, Harappa) ○ Seals and their symbolism ○ Pottery and terracotta figurines • Vedic Period: <ul style="list-style-type: none"> ○ Vedic literature and its influence on art ○ Early temple architecture (Vimana, Garbhagriha) ○ Bronze sculptures and metalwork 	
Unit – 3	13 hrs.
Classical India: Mauryan and Gupta Periods <ul style="list-style-type: none"> • Mauryan Period: <ul style="list-style-type: none"> ○ Ashoka's pillar edicts and their artistic significance ○ Rock-cut architecture (Ajanta, Ellora) ○ Buddhist and Jain art (Stupas, Buddha statues) • Gupta Period: <ul style="list-style-type: none"> ○ Golden Age of Indian art ○ Temple architecture (Khajuraho, Konark) ○ Sculpture (Amaravati, Mathura) 	

<ul style="list-style-type: none"> ○ Painting (Ajanta caves) 	
Unit – 4	13 hrs.
Medieval India: Rajput, Mughal, and Vijayanagara Periods <ul style="list-style-type: none"> • Rajput Period: <ul style="list-style-type: none"> ○ Rajput miniature painting ○ Rajput architecture (forts, palaces) • Mughal Period: <ul style="list-style-type: none"> ○ Mughal architecture (Taj Mahal, Red Fort) ○ Mughal miniature painting ○ Calligraphy and decorative arts • Vijayanagara Period: <ul style="list-style-type: none"> ○ Vijayanagara temple architecture (Hampi) ○ Bronze sculptures and metalwork 	
Unit – 5	8 hrs.
Mythical Creatures in Indian Stories: Nagas and Yakshis: Serpent deities and nature spirits Garudas : Divine bird Hanuman: Monkey god Yazhi: A Mythical Guardian of South Indian Temples	

References
Reference books: Fleming, J., Honour, H., & Pevsner, N. (2014). The Penguin Dictionary of Design and Decoration. Penguin Books. Curl, J. S. (2003). The Oxford Dictionary of Architecture. Oxford University Press. Frampton, K. (2002). Modern Architecture: A Critical History. Thames & Hudson. Dunne, A. (2004). Hertzian Fields: A Guide to Electromagnetic Radiation. Routledge.

I Semester
B.Des. Interior Design Management
IDD 1.3 P – Historical Design and Art Movements- I (Practical)

IDD 1.3 T	Exam Hours: 03 Hrs.
Total Hrs.: 60	Exam Marks: 80
Number of Theory Credits: 4	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
1. Understand the elements of Historical designs.
2. Evaluating the meaning of each design elements.
3. Replicating the historical designs.

Unit – 1	13 hrs.
1. Illustrate designs of Ancient Egypt. 2. Illustrate designs of Ancient Mesopotamia. 3. Illustrate designs of Ancient Greek. 4. Illustrate designs of Ancient Rome. 5. Illustrate designs of Medieval Period: Byzantine 6. Illustrate designs of Medieval Period: Gothic 7. Illustrate designs of Medieval Period: Renaissance design	
Unit – 2	13 hrs.
1. Illustrate Urban planning, architecture and symbols of Mohenjo-daro and Harappa 2. Illustrate ancient vimana, bronze sculptures and metal works.	
Unit – 3	13 hrs.
1. Illustrate Ashoka's pillar. 2. Illustrate art works representing Buddhism. 3. Illustrate art works representing Jainism. 4. Illustrate Temple architecture of Konark 5. Illustrate Paintings of Ajanta caves.	
Unit – 4	13 hrs.
1. Illustrate Rajput miniature painting 2. Illustrate Red Fort / Taj mahal 3. Illustrate Vijayanagara temple architecture of Hampi.	
Unit – 5	8 hrs.
1. Illustrate Nagas 2. Illustrate Garuda 3. Illustrate Yazhi 4. Illustrate Rakshasa 5. Illustrate Vanara	

I Semester
B.Des. Interior Design Management
IDD 2.1 T B.Des. Design Thinking– (Theory)

IDD 2.1 T	Exam Hours: 03 Hrs.
Total Hrs.: 60	Exam Marks: 80
Number of Theory Credits: 4	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
1. Demonstrate a deep understanding of design thinking principles and methodologies
2. Develop critical thinking and problem-solving skills. Through the course
3. Cultivate a user-centered mindset.

Unit – 1	15 Hrs.
Introduction to Design Thinking <ul style="list-style-type: none"> • What is design thinking? • The design thinking process (empathize, define, ideate, prototype, test) • The importance of human-centered design 	
Unit – 2	15 Hrs.
Empathy and User Research <ul style="list-style-type: none"> • Understanding user needs and motivations • User research methods (interviews, observations, surveys) • Creating user personas 	
Unit – 3	15 Hrs.
Ideation and Creative Problem Solving <ul style="list-style-type: none"> • Brainstorming techniques • Mind mapping • Design thinking tools (SCAMPER, TRIZ) 	
Unit – 4	15 Hrs.
Prototyping and Testing <ul style="list-style-type: none"> • The role of prototyping in the design process 	

- Different types of prototypes (low-fidelity, high-fidelity)
- User testing and feedback

Design Thinking in Practice

- Case studies of successful design thinking projects
- Ethical considerations in design
- The future of design thinking

References

- Brown, T. (2008). *Change by Design: The Transformative Power of Design Thinking*. HarperCollins.
- IDEO. (2013). *IDEO Method Cards*. IDEO.
- Stanford d.school. (2016). *The Design Thinking Toolbox*. Stanford University Press.

II Semester
B.Des. Interior Design Management
IDD 2.1 P –Design Thinking (Practical)

IDD 2.1 P	Exam Hours: 03 Hrs.
Total Hrs.: 60	Exam Marks: 40
Number of Practical Credits: 2	Internal Assessment: 10

Course outcomes: On successful completion of the course, the students will be able to
1. Empathize with users and understand their needs and perspectives.
2. Ideate creatively and generate innovative solutions to design problems.
3. Prototype and test their ideas to refine and improve them.

Unit – 1	13 hrs.
<ul style="list-style-type: none"> • Empathy Experiment: Conduct interviews with potential users to understand their needs and pain points. • User Persona Creation: Create detailed user personas based on your research. 	
Unit – 2	13 hrs.
<ul style="list-style-type: none"> • Brainstorming Session: Conduct a brainstorming session to generate a variety of ideas for a design problem. • Mind Mapping Exercise: Use mind mapping to explore different aspects of a design problem. • SCAMPER Exercise: Apply the SCAMPER technique to generate new ideas. 	
Unit – 3	12 hrs.
<ul style="list-style-type: none"> • Paper Prototyping: Create low-fidelity prototypes of your ideas. • User Testing: Conduct user testing to gather feedback on your prototypes. 	
Unit – 4	12 hrs.
<ul style="list-style-type: none"> • Iteration and Refinement: Make changes to your designs based on user feedback. • High-Fidelity Prototyping: Create high-fidelity prototypes of your final designs. 	
Unit – 5	10 hrs.
<ul style="list-style-type: none"> • Final Presentation: Present your final designs and the design thinking process you followed. 	

II Semester
B.Des. Interior Design Management
IDD 2.2 T – Historical Design and Art Movements II (Theory)

IDD 2.2 T	Exam Hours: 03 Hrs.
Total Hrs.: 60	Exam Marks: 80
Number of Theory Credits: 4	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
1. Demonstrate a comprehensive understanding of historical and contemporary design movements
2. Analyze the relationship between design, culture, and society
3. Explore the diversity of design practices and traditions
4. Develop a critical perspective on design and its role in the world
5. Appreciate the rich tapestry of mythical creatures and their cultural significance

Unit – 1	15 hrs.
The Enlightenment and Industrial Revolution: <ul style="list-style-type: none"> • Neoclassical and Rococo styles • Impact of the Industrial Revolution on design • Art Nouveau and Art Deco movements 	
Modernism and Post-Modernism: <ul style="list-style-type: none"> • Modernism: Bauhaus, International Style, Constructivism • Post-Modernism: Pop Art, Memphis Group, Deconstructivism 	
Unit – 2	15 hrs.
Cultural Movements and Social Change <ul style="list-style-type: none"> • Social movements: Civil rights, feminist, environmental, LGBTQ+ • Cultural revolutions: Hippie movement, punk rock, hip-hop • Cultural resistance and counterculture: Anti-globalization, indigenous movements • Cultural appropriation and cultural preservation 	
Unit – 3	15 hrs.

Subcultures and Identity	
<ul style="list-style-type: none"> • Youth subcultures: Mods, rockers, punks, goths • Ethnic subcultures: African American, Latino, Asian American • Regional subcultures: Southern, Midwestern, Western • Gender and sexuality subcultures • Identity formation and negotiation 	
Unit – 4	15 hrs.
Contemporary Design Movements:	
<ol style="list-style-type: none"> 1. Minimalism, Futurism, and Cyberpunk 2. Green and Sustainable Design 3. Digital and Interactive Design 	
Unit – 5	
Mythical creatures and their specifications.	
Griffin, Unicorn, Dragon, Centaur, Phoenix, Kitsune, Yeti, Chimera, Manticore, Sirens, Wendigo and Chupacabra.	

References
<ol style="list-style-type: none"> 1. Hall, S. (1997). The cultural industries and cultural identity. In S. Hall (Ed.), Representation: Cultural representations and the media (pp. 108-139). Sage Publications. 2. hooks, b. (1994). Outlaw culture: Resisting representations. Routledge. 3. Stuart Hall, S. (1997). Representation: Cultural representations and the media. Sage Publications. 4. McLuhan, M. (1964). Understanding media: The extensions of man. McGraw-Hill.

II Semester
B.Des. Interior Design Management
IDD 2.2 T – Historical Design and Art Movements II (Practicals)

IDD 2.2 T	Exam Hours: 03 Hrs.
Total Hrs.: 60	Exam Marks: 80
Number of Theory Credits: 4	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to	
1.	Understand the elements of Historical designs.
2.	Evaluating the meaning of each design elements.
3.	Replicating the historical designs.

Unit – 1	15 hrs.
1. Illustrate art work representing Neoclassical 2. Illustrate art work representing Rococo style 3. Illustrate art work representing Art Nouveau 4. Illustrate art work representing Art Deco 5. Illustrate art work representing Constructivism 6. Illustrate art work representing Deconstructivism 7. Illustrate Pop Art	
Unit – 2	15 hrs.
1. Illustrate designs of Hippie movement 2. Illustrate designs of punk rock 3. Illustrate designs of hip-hop	
Unit – 3	15 hrs.
1. Illustrate designs of Mods 2. Illustrate designs of rockers 3. Illustrate designs of punks 4. Illustrate designs of Goths	
Unit – 4	15 hrs.
1. Illustrate art work representing Minimalism 2. Illustrate art work representing Futurism 3. Illustrate art work representing Cyberpunk	
Unit – 5	
Illustrate the mythical creatures: Griffin, Unicorn, Dragon, Centaur, Phoenix, Kitsune, Yeti, Chimera, Manticore, Sirens, Wendigo and Chupacabra.	

II Semester
B.Des. Interior Design Management
IDD 2.3 T Entrepreneurship Skills - (Theory)

IDD 2.3 T	Exam Hours: 03 Hrs.
Total Hrs.: 60	Exam Marks: 80
Number of Theory Credits: 4	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
1. Identify and develop entrepreneurial opportunities.
2. Understand the entrepreneurial mindset and process.
3. Acquire essential entrepreneurial skills.

Unit – 1	15 Hrs.
Introduction to Entrepreneurship <ul style="list-style-type: none"> • What is entrepreneurship? • The entrepreneurial mindset: innovation, risk-taking, resilience, passion, and perseverance. • The entrepreneurial journey: idea generation, market research, business planning, financing, launch, and growth. • The role of entrepreneurs in society: economic development, job creation, and social innovation. 	
Unit – 2	15 Hrs.
Entrepreneurial Opportunity Identification and Evaluation <ul style="list-style-type: none"> • Idea generation techniques: brainstorming, mind mapping, SCAMPER, TRIZ. • Market research: understanding customer needs, industry analysis, competitor analysis. • Feasibility analysis: technical feasibility, economic feasibility, market feasibility. • Business plan development: executive summary, market analysis, operations plan, financial projections. 	
Unit – 3	15 Hrs.
Entrepreneurial Skills and Leadership <ul style="list-style-type: none"> • Leadership skills: vision, communication, decision-making, teamwork. • Problem-solving and critical thinking: identifying and solving problems effectively. • Negotiation and persuasion: building relationships and influencing others. • Financial management: budgeting, cash flow management, financial analysis. • Marketing and sales: understanding customer needs, developing marketing strategies, and closing deals. 	
Unit – 4	15 Hrs.

Launching and Managing an Entrepreneurial Venture

- **Legal and regulatory considerations:** business structure, permits, licenses.
- **Financing options:** bootstrapping, angel investors, venture capital.
- **Operations management:** supply chain management, inventory control, quality control.
- **Marketing and sales strategies:** branding, advertising, public relations.
- **Scaling and growth:** expanding the business, managing growth challenges.

References

- Timmons, J. A. (2015). **New Venture Creation: A Decision-Making Approach**. South-Western Cengage Learning.
- Stevenson, A. G., & Sahlman, W. A. (2018). **Business Plans: How to Write Them, How to Use Them**. HarperBusiness.
- Drucker, P. F. (2008). **Innovation and Entrepreneurship**. HarperBusiness.
- Sarasvathy, S. D. (2008). **Effectuation: The Logic of Business Venturing**. Routledge.

II Semester
B.Des. Interior Design Management
IDD 1.2 P - Office Suite Essentials (Practical)

IDD 1.2 P	Exam Hours: 03 Hrs.
Total Hrs.: 60	Exam Marks: 40
Number of Practical Credits: 2	Internal Assessment: 10

Course outcomes: On successful completion of the course, the students will be able to

1. Identify different types of software and their purposes.
2. Use word processing software to create, edit, and format documents.
3. Create and manipulate spreadsheets using spreadsheet software.
4. Develop effective presentations using presentation software.
5. Perform basic image editing tasks using image editing software.

Unit – 1	20 Hrs.
Introduction to Computers and Software <ul style="list-style-type: none"> • Components of a computer system • Types of software (system software, application software) • Basic computer operations (starting, shutting down, using the mouse and keyboard) • File management and organization 	
Unit – 2	15 Hrs.
Word Processing Software <ul style="list-style-type: none"> • Create a poster with different fonts and images. • Create a data on any topic – the document must have charts/graphs • Create document on any design topic – the document must contain 4000 words. 	
Unit – 3	10 Hrs.
Spreadsheet Software <ul style="list-style-type: none"> • Creation of class marksheet with spread sheet • Creating charts and graphs representing the analysis of class marks. 	
Unit – 4	15 Hrs.
Presentation Software <ul style="list-style-type: none"> • Creating and designing presentations • Using templates and themes • Adding text, images, and multimedia elements 	

- Delivering effective presentations

References

- "Computer Basics: A Complete Guide" by John Smith
- "Microsoft Office for Beginners" by Jane Doe

Outline for Continuous Assessment

Theory

Activity	C1	C2	Total
Session Test	10%	-	10%
Seminars/Presentations/Activity	-	05%	05%
Attendance/Assignment	-	05%	05%
Total	10%	10%	20%

Practical

Activity	C1	C2	Total
Record/ Performance	05%	-	05%
Activity/Practice Exercise	-	05%	05%
Total	05%	05%	10%

QUESTION PAPER PATTERN (Theory)

I/II Sem. B.Des. Examination (2024-25 Onwards)

Interior Design and Management
Paper code and Title of the paper

MAX MARKS-80

TIME: 3Hrs

Instructions to the Candidates: i. All sections are compulsory
ii. Illustrate wherever necessary

Section –A

I Answer any Ten of the following:

10X2=20

- 1.
- 2
- 3.
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12

Section –B

II Answer any Five of the following:

5X4=20

- 13
- 14
- 15
- 16
- 17
- 18
- 19

Section –C

III Answer any Five of the following:

5X8=40

- 20
- 21
- 22
- 23
- 24
- 25
- 26

QUESTION PAPER PATTERN (Practical)
I/II Sem. B.Des. Examination (2024-25 Onwards)
INTERIOR DESIGN AND DECORATION
Paper code and Title of the paper

MAX MARKS-40

TIME: 3 Hrs

Instructions to the Candidates: All the questions are compulsory

- | | |
|--------------|----------|
| 1. | 10 Marks |
| 2. | 10 Marks |
| 3. | 05 Marks |
| 4. Record | 10 Marks |
| 5. Viva Voce | 05 Marks |

B.DES-INTERIOR DESIGN MANAGEMENT-IDM													
SEMESTER V													
Paper Code	Title of the Paper	Credits			Credits	Marks						Total	
		L	T	P		CA		Theory		Practical			
						Max	Min	Max	Min	Max	Min	Max	Min
IDD5.1T	Intelligent Buildings	3	0	0	3	20	8	80	32	-	-	100	40
IDD5.2T	Fabric In Interiors	3	0	0	4	20	8	80	32	-	-	100	40
IDD5.3T	Design Journalism	3	0	0	3	20	8	80	32	-	-	100	40
IDD5.4T	Furniture Design	3	0	0	3	20	8	80	32	-	-	100	40
IDD5.5P	Construction Detailing	0	0	3	2	10	4	-	-	40	16	50	20
IDD5.6P	Design Studio-III												
	Commercial design	0	0	3	3	20	8	-	-	80	32	100	40
IDD5.7P	AI for Interiors	0	0	3	2	10	4	-	-	40	16	50	20
IDD5.8T	Human Resource												
	Management	3	0	0	3	20	8	80	32	-	-	100	40
	Total				23							700	

B.DES-INTERIOR DESIGN MANAGEMENT-IDM													
SEMESTER VI													
Paper Code	Title of the Paper	Credits			Credits	Marks						Total	
		L	T	P		CA		Theory		Practical			
						Max	Min	Max	Min	Max	Min	Max	Min
IDD6.1T	Heritage Building	3	0	0	4	20	8	80	32	-	-	100	40
IDD6.2T	Adaptive Reuse & Recycle	3	0	0	3	20	8	80	32	-	-	100	40
IDD6.3T	Interior Landscaping	3	0	0	3	20	8	80	32	-	-	100	40
IDD6.4T	Graphic Communication And Signage	3	0	0	3	20	8	80	32	-	-	100	40
IDD6.5T	Deign for Special Needs	0	0	3	3	20	8	80	32	-	-	100	40
IDD6.6P	Digital Design - 3DS Max/Revit	0	0	3	2	10	4	-	-	40	16	50	40
IDD6.7P	Design Fundamentals & Anthropometry	0	0	3	2	10	4	-	-	40	16	50	20
IDD6.8T	SOFT SKILL TRAINING	3	0	0	3	20	8	80	32	-	-	100	40
	Total				23							700	

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SCHEME OF EXMAINATION								
B.DES-INTERIOR DESIGN MANAGEMENT-IDM								
III SEMESTER								
PAPER CODE	SUBJECT	PAPER	HRS/ WEEK	EXAM HRS	EXAMS			CREDITS
					IA	EXAM	TOTAL	
L1	LANGAUAGE-I- French	Theory	3	3	20	80	100	3
L2	LANGAUAGE-II- English	Theory	3	3	20	80	100	3
IDD3.1T	Building construction and systems	Theory	3	3	20	80	100	4
IDD3.2T	Interior Materials-I	Theory	3	3	20	80	100	3
IDD3.3T	Interior Services-I- Electrical Wiring, Water Supply & Plumbing	Theory	3	3	20	80	100	3
IDD3.4P	Interior Illumination - Lighting	Practical	3	3	10	40	50	2
IDD3.5P	Digital Design -I- CAD	Practical	3	3	10	40	50	2
IDD3.6T	Business Communication	Theory	3	3	20	80	100	3
TOTAL				TOTAL			700	23

SCHEME OF EXMAINATION								
B.DES-INTERIOR DESIGN MANAGEMENT-IDM								
IV SEMESTER								
PAPER CODE	SUBJECT	PAPER	HRS/ WEEK	EXAM HRS	EXAMS			CREDITS
					IA	EXAM	TOTAL	
L1	LANGAUAGE -I-French	Theory	3	3	20	80	100	3
L2	LANGAUAGE-II- English	Theory	3	3	20	80	100	3
IDD4.1T	Estimation & Costing	Theory	3	3	20	80	100	4
IDD4.2T	Sustainable Materials	Theory	3	3	20	80	100	3
IDD4.3T	Interior Services-I LIGHTING	Theory	3	3	20	80	100	3
IDD4.4P	Digital Design -II-Sketchup And Photoshop	Practical	3	3	10	40	50	2
IDD4.5P	Design Studio-I-Residential Building	Practical	3	3	10	40	50	2
IDD4.6T	Financial Education & Investment Awareness	Theory	3	3	20	80	100	3
TOTAL				TOTAL			700	23

Language I : Indian language /foreign language as offered by university of Mysore

III SEMESTER

IDD 3.1 T – BUILDING CONSTRUCTION AND SYSTEMS (THEORY)

IDD 3.1 T	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Theory Credits: 4	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
Understand Building Components and Construction Systems
Identify and Evaluate Materials and Methods
Design and Detail Interior Elements
Adhere to Building Codes and Standards

Unit-1	12 Hrs.
Introduction to Building Construction Basics of Construction, Definition, scope, and importance in interior design. Introduction to materials (brick, concrete, steel, timber, glass). Terminology: load-bearing, non-load-bearing structures, etc. Types of Structures Framed structures, shell structures, modular construction. Conventional vs. modern building systems.	
Unit-2	10 Hrs.
Foundation Systems Types of Foundations Shallow foundations: Strip, raft, mat. Deep foundations: Pile, caissons. Role of Foundations in Interior Design, Understanding foundation systems and their impact on interior spaces.	
Unit-3	11 Hrs.
Walls, Floors, and Roofs: Types: Partition walls, cavity walls, drywall systems. Wall finishes for interiors: Plastering, cladding, tiles, paint, etc. Flooring Systems: Types of flooring: Concrete, wood, marble, tiles, vinyl. Installation methods and their aesthetics and functional impacts. Roof Systems: Flat, pitched, and trussed roofs. Waterproofing, insulation, and finishing materials for roofs.	
Unit-4	12Hrs.
Sustainable and Smart Construction Techniques, Sustainable Building Systems, Green building materials, eco-friendly construction techniques., Role of sustainable systems in interior spaces. Smart Systems, Smart lighting, automated climate control, and integrated home systems. Building Codes and Standards Overview of relevant codes for safety, fire resistance, and accessibility in interiors. Application of standards like NBC (National Building Code), ADA (Accessibility Guidelines)	
REFERNCES	
1. "Building Construction" by B.C. Punima, Ashok Kumar Jain, and Arun Kumar Jain 2. "Building Materials" by S.K. Duggal 3. "Building Construction" by Sushil Kumar 4. "National Building Code of India" (NBC 2016) 5. Sustainability through Green Building Practices"	

III SEMESTER

IDD 3.2 T – INTERIOR MATERIALS-I (THEORY)

IDD 3.2 T	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Theory Credits: 3	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
Introduce students to the fundamental materials used in interior design.
Develop an understanding of material properties, aesthetics, and functionality.
Explore the selection criteria for materials based on design, sustainability, and client requirements.
Foster skills to evaluate and integrate materials effectively into interior pro

Unit-1	15 Hrs.
Introduction to Interior Materials, Definition and Importance of materials in interior design. Classification of Materials: Natural vs. Synthetic. Finishing vs. Structural. Criteria for Material Selection: Aesthetics, functionality, durability, and cost.	
Unit-2	12Hrs.
Wood and Wood-Based Materials-Types of Wood: Natural wood: Hardwood (teak, oak, mahogany) and Softwood (pine, cedar). Processed wood: Plywood, MDF, HDF, Particleboard, Veneers, and Laminates. Properties, Applications, Advantages and Limitations of using wood in interiors. Metal in Interiors-Types of Metals: Steel, aluminium, brass, copper, and wrought iron. Properties Applications. Finishes: Polishing, powder coating, anodizing.	
Unit-3	10Hrs.
Glass in Interiors-Types of Glass: Clear, frosted, tempered, laminated, tinted, and decorative glass. Properties, Applications, Advancements: Smart glass, self-cleaning glass. Stone and Ceramics -Types of Stone: Marble, granite, slate, sandstone, and quartz. Properties, Applications. Ceramic Materials-Tiles, terracotta, and vitrified tiles. Uses in Interiors: Wall finishes, flooring, and decorative surfaces	
Unit-4	8Hrs.
Plastics and Composites Plastics in Interiors: Acrylic, polycarbonate, PVC, and HDPE.Composites: Fiberglass, carbon fiber. Properties, Applications	
REFERNCES <ol style="list-style-type: none"> 1. "Building Materials and Construction" by S.C. Rangwala 2. "Building Materials" by S.K. Duggal 3. "Building Construction" by Sushil Kumar 4. " "Modern Bamboo Structures" by Guangyu Huang (Indian Adaptation) 5. "Handbook of Interior Materials" by Indian Green Building Council (IGBC) 	

III SEMESTER

IDD 3.3 T – INTERIOR SERVICES-I ELECTRICAL WIRING, WATER SUPPLY & PLUMBING -I (THEORY)

IDD 3.3 T	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Theory Credits: 3	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
Explain the fundamental principles of electrical wiring, water supply, and plumbing systems used in interior spaces.
Analyze the electrical, water supply, and plumbing needs of residential and commercial interiors, considering functionality and safety.
Identify and select appropriate materials, fixtures, and components for electrical, water, and plumbing systems based on their properties, costs, and suitability.
Integrate electrical, water supply, and plumbing systems seamlessly into interior design projects, ensuring aesthetic harmony, functionality, and sustainability.

Unit-1	10 Hrs.
Basics of Electrical Systems-Types of electricity: AC and DC. Components of an electrical system: wires, switches, fuses, circuit breakers, and meters. Importance of earthing and safety measures. Types of Electrical Wiring, Surface wiring, concealed wiring, and conduit wiring. Advantages, disadvantages, and applications of each type. Load calculation and balancing for residential interiors.	
Unit-2	12Hrs.
Lighting Design and Placement Types of lighting: task, ambient, and accent lighting. Common lighting fixtures and their applications. Energy-efficient lighting options (LEDs, CFLs). Electrical Layout and Symbols, Preparation of basic electrical layout plans for interiors.	
Unit-3	15 Hrs.
Introduction to Water Supply Systems, Sources of water: municipal, borewell, and rainwater harvesting. Basic concepts of water distribution systems in buildings. Plumbing Fixtures and Fittings Types of pipes: PVC, CPVC, GI, PPR, and HDPE. Faucets, valves, and other plumbing fixtures and fittings. Storage and Distribution Overhead and underground water storage tanks. Water pressure considerations and pumping systems. Hot and Cold-Water Supply Layout and installation of hot water supply systems (geyser, solar water heaters). Water Supply Layout and Symbols, water supply layout plans. Standard symbols used in plumbing and water systems.	
Unit-4	8Hrs.
Plumbing Systems in Buildings-Understanding drainage and vent systems., Types of traps: P-trap, S-trap, and floor traps. Sanitary Fixtures, Types of fixtures: sinks, toilets, showers, bathtubs, Drainage Systems Internal and external drainage systems., Rainwater drainage and stormwater management. Plumbing Materials-Materials used for pipes and joints: PVC, UPVC, and cast iron. Adhesives, sealants, and gaskets. Plumbing Layout	
REFERNCES	
<ol style="list-style-type: none"> 1. "Basic Electrical Engineering" by V.K. Mehta & Rohit Mehta 2. " Water Supply and Sanitary Engineering" by G.S. Birdie & J.S. Birdie 3. "Plumbing: Design and Practice" by S.G. Deolalikar " 4. "Building Services Handbook" by Fred Hall & Roger Greeno 5. "Fundamentals of Building Services" by Peter Burberry 	

III SEMESTER

IDD 3.4 P – INTERIOR ILLUMINATION -LIGHTING (PRACTICAL)

IDD 3.4 P	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 40
Number of Credits: 2	Internal Assessment: 10

Course outcomes: On successful completion of the course, the students will be able to
Understand the Principles of Lighting
Analyse the Role of Lighting in Interior Design
Identify and Select Appropriate Lighting Systems
Apply Lighting Techniques for Functional and Decorative Purposes

Unit – 1	10 hrs.
Introduction to Interior Lighting -Study and observe different types of lighting (natural and artificial). Identify lighting in various interior settings (residential, commercial, and public spaces). Experiment with different light sources (incandescent, fluorescent, LED, etc.). Conduct lighting surveys in rooms of different sizes (measuring light levels) types of Lighting (Ambient, Task, and Accent lighting.	
Unit – 2	15hrs
Lighting Design for Different Spaces Living Room Lighting: Design a lighting layout that combines general, task, and accent lighting. Choose appropriate lighting fixtures (ceiling, floor lamps, table lamps). Bedroom Lighting: Focus on soft, comfortable lighting for relaxation with dimming options. Create a lighting design for reading areas and wardrobes. Kitchen Lighting: Design a functional lighting setup for cooking and food preparation areas. Focus on task lighting for countertops and under-cabinet lighting. Bathroom Lighting: Implement lighting for vanity areas, mirrors, and shower zones. Focus on waterproof or moisture-resistant lighting options	
Unit – 3	12hrs.
Preparation of drawing and presentation of a typical wiring plan for a residential and commercial space complete with all the symbols and specifications with legends	
Unit – 4	8 hrs.
Preparing a lighting layout complete with all the calculations, symbols and specifications, as per the code for a typical residence and a commercial space	
REFERENCES	
1. Anna Yudina, “Lumitecture-Illuminating Interiors for Designers And Architects”, Thames and Hudson, 2016, ISBN: 9780 500 518342	
2 Gary Gordon, “Interior Lighting for Designers”, 5th edition, Wiley Publishers, 2015, ISBN: 9780 47011 422 3	
3 Jason Livingston, “Designing with Light”, Wiley Publisher, 2014, ISBN: 9781 118 70477	
4 Malcolm Innes, “Portfolio Skills, Lighting for Interior Design”, Laurence King Publishing Ltd, London, 2012, ISBN: 9781856698368	

III SEMESTER

IDD 3.5 P – DIGITAL DESIGN -I- CAD (PRACTICAL)

IDD 3.5P	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 40
Number of Credits: 2	Internal Assessment: 10

Course outcomes: On successful completion of the course, the students will be able to
Understand the Basics of AutoCAD for Interior Design
Develop 2D Drawings for Interior Layouts
Generate Detailed Interior Design Drawings
Apply Advanced Drafting Techniques

Unit – 1	10 hrs.
Introduction to CAD, importance and application of CAD in interiors. Fundamentals of computers, file menu-saving closing files, importing and exporting files, saving files in different formats. Printing and publishing, undo/redo, matching properties & its application. Introduction to object drawing, different types of lines - pline, construction lines, splines, multiline, types of objects, circles and curves arc, polygon, ellipse, donut and its application and use in interiors	
Unit – 2	15hrs.
Introduction to drawing setting and types of setting drawing limits units, object selection, drafting, setting, polar tracking, grid and snap, its application advantages and uses. Introduction to object editing, types in editing the drawing with different command trim, extend, stretch, erase delete, introduction to viewing, types of viewing – zoom, pan, holstering utility and its advantages and important, hatch boundary, hatch, editing, introduction to layers, types of layer creation and uses in interiors	
Unit – 3	12 hrs.
Introduction to hatch, dimensions, text, layer, point style creation, dimension, text, multiline, pline, editing, creating and inserting blocks, attributions, along with different types, application and Importance.	
Unit – 4	8hrs.
Introduction to creation of solid, wireframe, objects, basic rendering skills, use of viewport command, different options of view command. Working on model space, paper space, setting the scale for drawings, different types, its application and importance	
REFERENCES	
1. Gopalakrishna, K. R., Sudhir, “A Text Book of Computer Aided Engineering Drawing”, Subhas Stores, Bangalore, 2013.	
2. Jin Feng, “Basic AutoCAD for Interior Designers”, Peachpit Press, 1999.	
3. Joseph A. Fiorello, “CAD for Interiors: Beyond the Basics”, John Wiley & Sons, 2010.	
4. Sham Tickoo, “Autocad2013 for Engineers and Designers”, Dreamtech Press, 2012.	
5. Strock, Cheryl R., “Advance AutoCAD”, BPB Publications, 2010.	

III SEMESTER
IDD3.6T – BUSINESS COMMUNICATION(Theory)

IDD 3.6 T	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Theory Credits: 3	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
1.Demonstrate effective written and oral communication skills
2.Understand the principles of effective listening and active listening
3.Use technology effectively for communication purposes
4.Present ideas confidently and persuasively
5. Write clear, concise, and persuasive business documents

Unit-1	10 Hrs.
Foundations of Business Communication -The importance of effective communication in the workplace ,The communication process Types of communication (verbal, nonverbal, written) Barriers to effective communication	
,Unit-2	12Hrs.
Verbal, Non-Verbal and Written Communication , Public speaking and presentations and Body language and gestures, Meetings, group discussions and Personal appearance, Business writing principles,Report writing, Proposal writing & Letter writing	
Unit-3	10 Hrs.
Business Etiquette and Professionalism -Workplace etiquette and professional behavior ,Business etiquette in different cultural contexts ,Networking and building relationships	
Unit-4	11 Hrs.
Negotiation and Conflict Resolution -Negotiation strategies and tactics,Conflict resolution techniques,Effective negotiation skills	
References Business Communication: Essentials” by Maryanne Guerrero “Business Communication: Building Relationships, Solving Problems” by Katherine Miller “Excellence in Business Communication” by John V. Thill and Courtland L. Bovée	

IV SEMESTER

IDD 4.1 T – ESTIMATION AND COSTING (THEORY)

IDD 4.1 T	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Theory Credits: 3	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
Understand the Principles of Estimation and Costing
Analyse Project Requirements
Prepare Detailed Estimates
Understand Tendering and Contracting Processes

Unit-1	15 Hrs.
Introduction to Specification. Preparation and Planning of Specifications for all Civil works, Interior Works, including Customized works	
Unit-2	12Hrs.
Rate analysis of various items of work: preparation of various items of work in the interior works Estimating interior items manually and through spreadsheet programs.	
Unit-3	10Hrs.
Detailed estimation and Bill of Quantities (BOQ) for an 2BHK for all civil works, plumbing works, electrical works. Etc.	
Unit-4	8Hrs.
Detailed estimation and Bill of Quantities (BOQ) for a 2BHK for interior works. Wood work, False Ceiling, Wall cladding, Fabrication, Furnishings etc.	
REFERNCES	
1.Carol A. Sampson Techniques for Estimating Materials, Costs, and Time for Interior Designers. Watson-Guptill. May, 2001. ISBN. 9780823016297	
2."Dutta, B.N., “Estimating and Costing in Civil Engineering”, UBS Publishers Distributors Pt. Ltd., New Delhi, 2014	
3.Patil, B.S. “Civil Engineering Contracts and Estimates”, Orient Longman Publishers,2015, ISBN:9788 1737 155 94"	

IV SEMESTER

IDD 4.2 T – SUSTAINABLE MATERIALS (THEORY)

IDD 4.2 T	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Theory Credits: 4	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
Understand the principles of sustainability in interior design.
Identify and evaluate sustainable materials for various interior applications.
Analyze the environmental impact of materials through life cycle assessments.
Develop creative, sustainable design solutions using eco-friendly materials.

Unit-1	15 Hrs.
Introduction to Sustainability in Interior Design, Definition and principles of sustainability. Environmental and social impacts of the interior design industry. Overview of sustainable design certifications (LEED, WELL, FSC, etc.).	
Unit-2	12Hrs.
Sustainable Material Categories-Wood and Alternatives: FSC-certified wood, reclaimed wood, bamboo. Recycled Materials: Glass, metals, plastics., Natural Materials: Stone, clay, cork, coir., Fabric and Textiles: Organic cotton, hemp, linen, wool, recycled fibres	
Unit-3	10 Hrs.
Material Selection and Evaluation Understanding the life cycle of materials. Criteria for assessing material sustainability (durability, renewability, recyclability, carbon footprint). Toxicity and indoor air quality considerations (low-VOC and non-toxic finishes).	
Unit-4	8Hrs.
Practical Applications in Interior Design Sustainable flooring options: cork, bamboo, recycled tiles., Eco-friendly wall treatments: low-VOC paints, recycled wallpapers., Green furniture and decor: upcycled furniture, sustainable upholstery., Energy-efficient lighting and fixtures.	
REFERNCES	
1. "Sustainable Interior Design "Author: Lorraine Farrelly Publisher: Laurence King Publishing 2. "Materials for Interior Environments "Author: Corky Binggeli Publisher: Wiley 3. "Green Building Materials: A Guide to Product Selection and Specification" Authors: Ross Spiegel and Dru Meadows Publisher: Wiley	

IV SEMESTER

IDD 4.3T INTERIOR SERVICES-I LIGHTING (THEORY)

IDD 4.3 T	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Theory Credits: 3	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
To develop an understanding of the fundamentals of lighting design.
To explore different types of lighting systems and fixtures.
To evaluate the role of lighting in enhancing the functionality and aesthetics of interior spaces.
To integrate energy-efficient and sustainable lighting solutions in design.

Unit-1	15 Hrs.
Introduction to Sustainability in Interior Design, Definition and principles of sustainability. Environmental and social impacts of the interior design industry. Overview of sustainable design certifications (LEED, WELL, FSC, etc.).	
Unit-2	12Hrs.
Types of Lighting-Ambient Lighting, Task Lighting, Accent Lighting, Decorative Lighting: Aesthetic fixtures like chandeliers and pendants, Natural Lighting: Incorporating daylight into interior spaces. Light Sources and Fixtures Traditional Light Sources: Incandescent, fluorescent, and halogen lamps. Modern Light Sources: LEDs, OLEDs, and smart lighting technologies. Fixture Types: Recessed, track, pendant, surface-mounted, wall-mounted, and free-standing lamps. Fixture Materials and Finishes: Glass, metal, fabric, and composite materials.	
Unit-3	10 Hrs.
Lighting Design Techniques Layering Light: Combining ambient, task, and accent lighting for balanced illumination. Lighting for Different Spaces: Residential: Living rooms, kitchens, bedrooms, bathrooms. Commercial: Offices, retail spaces, hospitality environments. Institutional: Hospitals, schools, and museums. Mood and Atmosphere: Using color temperature and intensity to set ambiance. Light Zoning and Controls: Dimmers, motion sensors, and smart lighting systems.	
Unit-4	8Hrs.
Lighting Plans and Documentation Preparing a Lighting Layout: Floor plans, sections, and fixture specifications. Circuiting and Wiring: Basic understanding of electrical requirements for lighting. Presentation Techniques: Rendered drawings, lighting simulations, and 3D visualizations	
REFERNCES	
1. "Lighting for Interior Design "Author: Malcolm Innes Publisher: Laurence King Publishing 2. "The Architecture of Light "Author: Sage Russell Publisher: Conceptnine 3. "Interior Lighting for Designers "Authors: Gary Gordon and James L. Nuckolls Publisher: Wiley 4. "Lighting Design Basics "Authors: Mark Karlen, Christina Spangler, and James Benya Publisher: Wiley	

IV SEMESTER

IDD 4.4 P – DIGITAL DESIGN -II-SKETCHUP AND PHOTOSHOP (PRACTICAL)

IDD 4.4P	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 40
Number of Credits: 2	Internal Assessment: 10

Course outcomes: On successful completion of the course, the students will be able to
To develop proficiency in SketchUp for 3D modeling of interior spaces.
To master Photoshop tools for rendering, post-production, and creating presentation boards.
To integrate SketchUp and Photoshop for high-quality visualizations.
To explore creative workflows for interior design presentations.

Unit – 1	10 hrs.
<p>Introduction to SketchUp-SketchUp Interface and Tools Overview. Understanding Axes, Navigation, and Drawing Tools. Creating Basic Shapes and 3D Objects. Groups, Components, and Layers for Organized Modeling. Modifying Tools: Push/Pull, Scale, Rotate, and Offset.</p> <p>Practical Exercises:</p> <ol style="list-style-type: none"> 1. Model simple furniture and objects (e.g., a chair, table). 2. Create a basic interior room layout with walls, doors, and windows. 	
Unit – 2	15hrs.
<p>Advanced SketchUp Techniques</p> <ul style="list-style-type: none"> • Importing CAD Plans into SketchUp for 3D Modeling. • Creating Custom Materials and Textures. • Working with SketchUp Warehouse: Importing and Modifying Models. • Advanced Modeling: Curves, Organic Forms, and Complex Geometry. • Lighting and Shadows: Using SketchUp's Shadow Settings. <p>Practical Exercises:</p> <ul style="list-style-type: none"> • Design a complete room with furniture and decor elements. • Experiment with lighting effects for different times of the day. 	
Unit – 3	8 hrs.
<p>Introduction to Photoshop</p> <ul style="list-style-type: none"> • Overview of Photoshop Interface and Tools. • Basic Photo Editing: Cropping, Resizing, and Adjusting Image Quality. • Layers and Layer Masks: Understanding Layer Hierarchy. • Selection Tools: Magic Wand, Lasso, and Quick Selection. • Introduction to Colour Correction and Filters. • Rendering Enhancements: Adding Light, Shadow, and Reflections. • Creating Realistic Textures for Walls, Floors, and Furniture. • Adding Backgrounds and Sky to Renderings. 	

- Incorporating People, Plants, and Decor Elements in Visuals.
 - Exporting Images in Various File Formats and Resolutions.
- Practical Exercises:**
- Edit and enhance photographs of interiors.
 - Apply basic colour corrections and filters to an image.
 - Enhance SketchUp renders by adding realistic textures and lighting in Photoshop.
 - Create a composite image of an interior project with added decor and environment elements.

Unit – 4

12 hrs.

Integrating SketchUp and Photoshop

- Exporting Views and Models from SketchUp for Post-Processing in Photoshop.
- Adding Depth and Realism to SketchUp Renders Using Photoshop.
- Creating Presentation Boards with Plans, Sections, and 3D Views.
- Overlaying Text, Annotations, and Branding Elements.

Practical Exercises:

- Develop a detailed design proposal using SketchUp and Photoshop.
- Combine SketchUp models with Photoshop to create a final presentation board.

Project Work and Presentation

- Designing a Complete Interior Space (Residential or Commercial).
- Documenting the Workflow: SketchUp Modeling, Rendering, and Photoshop Post-Production.
- Preparing Final Presentation Boards with Plans, Renders, and Visual Concepts.
- Presenting the Project to a Peer or Faculty Panel.

Practical Exercises:

- Complete a full-scale interior design project with all deliverables.

REFERENCES

- 1 "Photoshop and SketchUp for Interior Designers" Author: Daniel John Stine Publisher: SDC Publications
2. "3D Modelling and Rendering with SketchUp and Photoshop for Interior Design "Author: Steven H. McNeill Publisher: Independently Published

IV SEMESTER
IDD4.5P – DESIGN STUDIO-I-RESIDENTIAL BUILDING (PRACTICAL)

IDD4.5P	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 40
Number of Practical Credits: 2	Internal Assessment: 10

Course outcomes: On successful completion of the course, the students will be able to
<ul style="list-style-type: none"> Learn the fundamental concepts of residential interior design.
<ul style="list-style-type: none"> Design functional and visually appealing layouts for residential spaces.
<ul style="list-style-type: none"> Choose suitable materials, finishes, and furniture for residential interiors.
<ul style="list-style-type: none"> Solve practical design problems related to space planning and functionality.
<ul style="list-style-type: none"> Create a portfolio highlighting residential design projects

Unit – 1	10 hrs.
Fundamentals of Residential Design Introduction to Residential Design: Objectives and Importance Functional Zoning in Residential Spaces: Public, Private, and Service Areas Case Studies: Analysis of Residential Floor Plans	
Unit – 2	15 hrs.
Space Layout and Design <i>Preparing</i> Bubble Diagrams and Concept Plans Room Layouts for Key Residential Areas: Living Room, Bedroom, Kitchen, Dining Room, and Bathroom Circulation and Flow in Residential Spaces Furniture Layout and Placement for Functionality and Aesthetics	
Unit – 3	10hrs.
Materials, Finishes, and Lighting Creating Mood Boards for Material and Lighting Schemes Overview of Interior Materials: Flooring, Walls, Ceilings, and Furniture Types of Finishes: Textures, Paints, Polishes, and Wallpapers Lighting Design: Types of Lighting (Ambient, Task, Accent)	
Unit – 4	10 hrs.
Design Development and Presentation Developing Conceptual Designs into Detailed Layouts Creating Working Drawings: Floor Plans, Elevations, and Sections 2D and 3D Presentation Techniques: Manual Drafting and CAD Tools Finalizing Design: Incorporating Feedback and Revisions Preparing a Portfolio of Residential Design Projects	

IV SEMESTER

IDD4.6T– FINANCIAL EDUCATION & INVESTMENT AWARENESS

IDD4.6T	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Credits: 3	Internal Assessment: 20

Unit - 1	10Hrs
<p>Foundation for Finance</p> <p>Introduction to Basic Concepts: Investments: Meaning, Need for Investments, Investment Objectives, Investment Goals, Long-term & Short-term Investments, Concept of Risk & Return, Savings vis Investment, Investment v/s Speculation, concept of diversification</p> <p>Investment Alternatives for a Common Investor (Financial Assets & Real Assets): Stock, Debt, Bonds, PPF, Mutual Funds, Gold Physical & Electronic, Silver & Other Precious Metals, Real Estate, Art, Retirement and Pension Plans-National Pension System, Atal Pension Yojana, PM-SYM Yojana, PMLVMY, PMKMDY</p>	
Unit - 2	10Hrs
<p>Investment Management</p> <p>Stock Markets: Primary Market and Secondary Market, Stock Exchanges, Stock Exchange Operations Trading and Settlement, Demat Account, Depository and Depository Participants</p> <p>Stock Selection: Fundamental Analysis Economy Analysis, Industry Analysis and Company Analysis; Technical Analysis-Support & Resistance, Moving Averages, EMA & SMA, Charts & Patterns (meaning only)</p> <p>Stock Return and Risk: Concept of Return Periodic Returns & Capital appreciation; Systematic & Unsystematic Risks: Analyzing risk-return trade off</p>	
Unit - 3	10Hrs
<p>Mutual Funds and Banking in India</p> <p>Mutual Funds: Features of Mutual Funds, Types of Mutual Fund Plans. Net Asset Value, Criteria for selection of Mutual Funds Banking in India: Types of Bank Deposits, Deposit Insurance, PMJDY, Traditional and New Banking Practices, Debit and Credit</p>	

Cards, Digital Payment System - Internet Banking(NEFT, RTGS and IMPS), Mobile Banking, Mobile Wallet, AEPS, UPI	
Unit - 4	15Hrs
Financial Education Need for financial literacy, role of financial education in achieving financial wellbeing, importance of financial planning, Key Concept of finance-Savings, investment, Borrowing. Income & expenses Surplus deficit, Assets and liabilities, Inflation Active and passive income.	
References: IRBI Financial Education Handbook NSE Knowledge Hub, AI-powered Learning Experience Platform for BFSI NSE Academy Certification in Financial Markets (NCFM) Modules Text Books: Prasanna Chandra, Financial Management, McGraw Hill Publication. Pitabas Mohanty, Spreadsheet Skills for Finance Professionals, Taxmann Publications Aswath Damodaran, Corporate Finance, John Wiley & Sons Inc. Fischer & Jordan. Security Analysis & Portfolio Management, Printice Hall.	

V SEMESTER-B.DESIGN- IDM--INTERIOR DESIGN MANAGEMENT								
PAPER CODE	SUBJECT	PAPER	HRS/ WEEK	EXAM HRSs	EXAMS			CREDITS
					IA	EXAM	TOTAL	
IDD5.1T	Intelligent Buildings	Theory	3	3	20	80	100	3
IDD5.2T	Fabric In Interiors	Theory	3	3	20	80	100	4
IDD5.3T	Design Journalism	Theory	3	3	20	80	100	3
IDD5.4T	Furniture Design	Theory	3	3	20	80	100	3
IDD5.5P	Construction Detailing	Practical	3	3	10	40	50	2
IDD5.6P	Design Studio-III Commercial design	Practical	3	3	20	80	100	3
IDD5.7P	AI for Interiors	Practical	3	3	10	40	50	2
IDD5.8T	Human resource management	Theory	3	3	20	80	100	3
TOTAL				TOTAL			700	23

VI SEMESTER-B.DESIGN- IDM-INTERIOR DESIGN MANAGEMENT								
PAPER CODE	SUBJECT	PAPER	HRS/ WEEK	EXAM HRS	EXAMS			CREDITS
					IA	EXAM	TOTAL	
IDD 6.1T	Heritage Building	Theory	3	3	20	80	100	4
IDD6.2T	Adaptive Reuse & Recycle	Theory	3	3	20	80	100	3
IDD6.3T	Interior Landscaping	Theory	3	3	20	80	100	3
IDD6.4T	Graphic Communication And Signage	Theory	3	3	20	80	100	3
IDD6.5T	Deign for Special Needs	Practical	3	3	20	80	100	3
IDD6.6P	Digital Design - 3DS Max/Revit	Practical	3	3	10	40	50	2
IDD6.7P	Design Fundamentals & Anthropometry	Practical	3	3	10	40	50	2
IDD6.8T	SOFT SKILL TRAINING	Theory	3	3	20	80	100	3
TOTAL			33				700	23

V SEMESTER

IDD 5.1 T – INTELLIGENT BUILDINGS (THEORY)

IDD 5.1 T	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Theory Credits: 3	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
Understand Building Components and Construction Systems
Identify and Evaluate Materials and Methods
Design and Detail Interior Elements
Adhere to Building Codes and Standards

Unit-1	15 Hrs.
Introduction to Intelligent Buildings Definition and Features of Intelligent Buildings. Evolution of Smart Building Concepts and Their Relevance in Interior Design. Benefits of Intelligent Buildings: Components of Intelligent Building Systems: Automation, IoT, Data Networks, Sensors, and Controls.	
Unit-2	12Hrs.
Smart Systems in Interiors Lighting Systems: Smart Lighting and Daylight Integration. Occupancy Sensors and Automated Dimming Systems. Energy-Efficient Lighting Solutions' Systems: Smart Climate Control and Air Quality Management. Integration of IoT for Temperature Regulation. Security and Safety Systems: Smart Surveillance (CCTV and Motion Sensors). Fire Safety Systems and Emergency Alarms. Acoustics and Sound Management: Integration of Smart Sound Systems. Noise Control Technologies in Intelligent Interiors.	
Unit-3	10Hrs.
Introduction to IoT (Internet of Things) and Its Applications in Interior Spaces. Automation of Interiors: Smart Appliances, Smart Furniture Automated Window Systems and Shades Integration of Voice-Controlled and App-Controlled Systems (e.g., Alexa, Google Home).	
Unit-4	8Hrs.
Sustainable Design and Energy Efficiency-Renewable Energy Integration: Solar Panels and Energy Storage Solutions, Green Building Certifications: LEED, BREEAM, WELL Standards., Energy-Efficient Building Materials for Interiors., Water Management Systems: Smart Water Fixtures and Recycling. Environmental Sensors: Air Quality Monitoring and Optimization. Case Studies of Intelligent Interiors Residential Interiors with Integrated Smart Systems	
REFERNCES	
<ol style="list-style-type: none">1. "Intelligent Buildings: An Introduction" by Derek Clements-Croome.2. "Smart Buildings: Advanced Materials and Nanotechnology" by James Sinopoli.3. "Sustainable Design for Interior Environments" by Susan M. Winchip.4. "Building Automation Systems and Control Systems" by Reinhold A. Carlson.5. "Designing Smart Homes and Interiors" by Hitesh Mehta.	

V SEMESTER

IDD 5. 2T – FABRIC IN INTERIORS (THEORY)

IDD 5.2 T	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Theory Credits: 4	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
Understand Building Components and Construction Systems
Identify and Evaluate Materials and Methods
Design and Detail Interior Elements
Adhere to Building Codes and Standards

Unit-1	15 Hrs.
Introduction to Fabrics in Interior Design-Definition and Role of Fabrics in Interior Design: Types of Fabrics Natural Fabrics: Cotton, Linen, Silk, Wool, Hemp., Synthetic Fabrics: Polyester, Nylon, Acrylic, Rayon, Spandex, Blended Fabrics: Mixture of natural and synthetic Fibers. Fabric Properties, Choosing Fabrics for Interiors: Factors influencing fabric choice Basic Fabric Terminology GSM, Ply, Thread Count, Warp, and Weft.	
Unit-2	12Hrs.
Applications of Fabrics in Interior Spaces- Soft Furnishings and Upholstery, Wall Treatments, Floor Treatments, Decorative Accessories	
Unit-3	8 Hrs.
Selection, Coordination, and Fabric Innovations- Factors Affecting Fabric Selection, Colour, Pattern, and Texture: Innovative Fabrics in Interior Design, Smart Fabrics, Performance Fabrics, Sustainable Fabrics Technological Integration	
Unit-4	10Hrs.
Fabric Maintenance, Sustainability, and Future Trends- Sustainability and Eco-friendly Fabrics, Fabric in the Context of LEED and Green Building Standards, Future Trends in Interior Fabrics	
REFERNCES	
1. Textiles for Residential and Commercial Interiors" by Amy Willbanks 2. "Fabric for the Designed Interior" by Frank Theodore Koe and Susan Dillon 3. "Interior Textiles: Fabrics, Application, and Innovation" by T. Rowe 4. "Sustainable Textiles for the Interior" by Jessica Hemmings 5. "The Interior Design Reference & Specification Book" by Chris Grimley and Mimi Love	

V SEMESTER

IDD 5.3 T – DESIGN JOURNALISM (THEORY)

IDD 5.3 T	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Theory Credits: 3	Internal Assessment: 20
Course outcomes: On successful completion of the course, the students will be able to	
Research and trend analysis in Interior design	
Develop Critical Thinking and Design Critique	
Learn to incorporate digital media and visual communication in Design.	
Deliver and write and adapt the design language to explain the nuances of the design through journalism.	
Deliver and write and adapt the design language to explain the nuances of the design through journalism.	

Unit-1	15 Hrs.
Journalism- Analysis of recent historical and contemporary examples of written and journalistic criticism of interior, including selected writings by Indian and overseas critics- discursive techniques, analysis of major critical themes, thematic categories in interior writing over the past three centuries.	
Unit-2	12 Hrs.
Analysis of Works- Design works of Indian and international writers and critics will be presented and discussed. Seminars on Indian interior design writers, journalists and critics.	
Unit-3	10 Hrs.
Field Work- Exercise on integrating photography in interior journalism. Understanding the space, Photography techniques, Writing the narrative.	
Unit-4	8Hrs.
Documenting and Reporting- Preparation of documentaries and reports in any media such as Video, still images, Reports, presentations etc, and present as a Seminar.	
REFERENCES	
<ol style="list-style-type: none"> 1. Francis D.K. Ching and Corky Binggeli, Interior design Illustrated, New Jersey 1987 2. Dave Sounders, Professional Advertising Photography, Mercyhurst, London 1988 3. Roger Hicks, Practical photography, Cassell, London 1996 4. Julian Calder and John Garrett, The 35mm Photographer's Handbook, Pan Books, London 1999 5. Julie Adair King, Digital Photography for Dummies, COMDEX, New Delhi 1998 	

V SEMESTER

IDD 5.4 T – FURNITURE DESIGN (THEORY)

IDD 5.4 T	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Theory Credits: 3	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
Conceptualize and Develop Furniture Designs
Understand the furniture in plans sections and elevation and to have ergonomic detail compliance in every format
Understand and Integrate Sustainability in Furniture Design.
Introduce the idea of detailing in a micro concept of furniture design and to be able to produce products suitable for comfort, function and aesthetics.

Unit-1	15 Hrs.
Styles of Furniture, Function and Utility - Brief overview of the evolution of furniture from Ancient to present: Various stylistic transformations. Furniture designers and movements. Analysis of furniture in terms of human values, social conditions, technology and design criteria. Functional and formal issues in design: study and evaluation of popular dictums such as “Form follows function”, "Form and function are one”, “God is in Details” etc.	
Unit-2	12 Hrs.
Types of Furniture and Process of Manufacture- Furniture categories, exploration of the idea of furniture, role of furniture in interior design, Design approaches in furniture design. An introduction of various manufacturing processes most frequently adopted in furniture design such as Injection Molding, investment casting, sheet metal work, die casting, blow- molding, vacuum - forming etc.	
Unit-3	10 Hrs.
Materials and Techniques- Wood- Types, properties, and applications. Metals- Steel, aluminum, brass, etc. Plastics and composites. Upholstery materials (fabrics, leather, foam). Sustainable and innovative materials (bamboo, recycled plastics, etc.). Joinery methods - mortise and tenon, dovetail, etc. Finishing techniques -staining, painting, laminating. Advances in fabrication -CNC cutting, 3D printing.	
Unit-4	8Hrs.
Sustainable Furniture design- Green Design Principles, Using eco-friendly materials. Designing for longevity and reusability. Lifecycle Analysis- Understanding the environmental impact of furniture production.	
REFERENCES	
1. Joseph Aronson, The Encyclopaedia of Furniture: Third Edition ,1961	
2. Bradley Quinn, Mid-Century Modern: Interiors, Furniture, Design Details, Conran Octopus Interiors, 2006.	
3. Jim Postell, Furniture Design, Wiley publishers, 2007.	
4. Edward Lucie-Smith , Furniture: A Concise History (World of Art) , Thames and Hudson, 1985	

V SEMESTER

IDD 5. 5P – CONSTRUCTION DETAILING (PRACTICAL)

IDD 5. 5P	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 40
Number of Credits: 2	Internal Assessment: 10

Course outcomes: On successful completion of the course, the students will be able to

Study of building component, their design, and detailing methods.

Use various components of buildings.

Supervise the construction of buildings and their components.

Identify snags in defective construction.

Unit-1	15 Hrs.
Introduction to arches and lintels, terminology, classification of arch - according to shape, according to material, according to number of centres. Benefits of Arches. Introduction to lintels - classification according to material, advantages, and its disadvantages. Introduction to carpentry joints, principles, classification and terminology in joints, lengthening & widening joints, angle & oblique joints, bearing & framing joints.	
Unit-2	10 Hrs.
Introduction to doors: Terminology, evolution of doors, types of doors based on materials – wooden metal & PVC doors, classification of doors based on method - rolling shutters, collapsible doors, sliding doors, special doors and its applications. Hardware used in doors. Introduction to windows, terminology, evolution of windows, types of windows based on materials, types of windows based on method, types of windows based on design, special types of windows and its applications and benefits. Hardware used in windows.	
Unit-3	12 Hrs.
Introduction to ventilators, types, uses, advantages, and disadvantages. Hardware fixtures used in ventilators, types, materials, and uses of fixtures. Introduction to staircases, terminology, types of stairs – straight, dog-legged, circular, spiral, stairs of different material – timber, steel, RCC, balustrades and handrails.	
Unit-4	8Hrs.
Introduction to false ceiling, types of false ceiling & materials used for false ceiling, wooden & gypsum board false ceiling, plaster of Paris false ceiling, PVC and decorative sheets false ceiling, application and its advantages.	
REFERENCES	
<ol style="list-style-type: none">1. Arora, S.P. Bindra, “Textbook of Building Construction”, Dhanpati Rai Publications, New Delhi, 2010.2. Gurcharan Singh, “Building materials”, Standard Publishers Distributors, Delhi, 2016.3. Punima, B.C.; A Textbook of Building Construction; Laxmi Publications (P) Ltd; New Delhi; 2005.4. Rangwala, “Building Construction”, Charotar Publishing House Pvt. Ltd., Gujarat, 2008.5. Sushil Kumar, “Building Construction”, Standard Publishers Distributors, Delhi, 2006.	

V SEMESTER
IDD5.6P – DESIGN STUDIO – III COMMERCIAL DESIGN(PRACTICAL)

IDD5.6P	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Practical Credits: 3	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
Design efficient and creative layouts for large scale commercial spaces, focusing on functionality, circulation, and user experience.
Incorporate eco-friendly materials and energy-efficient solutions to promote sustainable design practices in commercial spaces.
Complete and present a commercial interior design project that demonstrates creativity, technical expertise, and problem-solving skills.

Unit – 1	15 hrs.
Introduction to Commercial Design , Definition and Scope of Commercial Interiors, Types of Commercial Spaces: Retail, Offices, Restaurants, Hotels, Showrooms, etc., Principles of Commercial Space Design: Functionality, Branding, and User Experience Case Studies: Analysis of Successful Commercial Projects	
Unit – 2	12hrs.
Space Planning and Layout Design , Preliminary Concept Development: Bubble Diagrams and Space Relationships ,Planning and Zoning of Commercial Spaces: Public, Private, and Service Areas, Circulation Patterns and Flow in Commercial Interiors Furniture Layouts for Optimal Space Utilization	
Unit – 3	10hrs.
Design Development and Material Selection , Application of Themes, Concepts, and Branding in Commercial Interiors, Selection of Materials and Finishes: Flooring, Wall Treatments, Ceilings, and Fixtures, Furniture and Fixture Design: Customization for Commercial Spaces	
Unit – 4	8hrs.
Technical Drawings and Detailing , Preparation of Detailed Working Drawings: Floor Plans with Furniture Layouts, Reflected Ceiling Plans (RCP),Elevations and Sections, Detailed Drawings for Joinery, Furniture, and Fixtures, Incorporating Branding Elements and Signages in Commercial Interiors, Integration of Services: Electrical, HVAC, and Plumbing Layouts, Final Project: Design and Present a large Commercial Space.	
REFERENCES	
<ol style="list-style-type: none"> 1. Time-Saver Standards for Interior Design and Space Planning By Joseph De Chiara, Julius Panero, and Martin Zelnik 2. Building Construction Illustrated By Francis D.K. Ching 3. Architectural Graphic Standards Edited by Dennis J. Hall and Nina M. Giglio 4. Interior Design Reference Manual By David Kent Ballast 	

V SEMESTER

IDD 5.7 P – AI FOR INTERIORS (PRACTICAL)

IDD 5.7P	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 40
Number of Credits: 2	Internal Assessment: 10

Course outcomes: On successful completion of the course, the students will be able to
Understand the Basics of AutoCAD for Interior Design
Develop 2D Drawings for Interior Layouts
Generate Detailed Interior Design Drawings
Apply Advanced Drafting Techniques

Unit – 1	10 hrs.
Introduction to AI. AI Evolution, AI types and its influence in Design, AI in interior design. Benefits of AI in interior design. Introduction to Software's used in Interior design- Auto CAD LT, Sketch Up Pro, Autodesk Revit, Autodesk 3ds Max, Substance 3D by Adobe. Best Interior Design AI tools to check out-Planner 5D, Home-styler, Smart draw, Home by me, Heavenly, Hutch IKEA Place, Rooms GPT, Leaper, Homestory AR.	
Unit – 2	15 hrs.
Designing of Mood Board, Concept Board, Inspiration Board, Materials, and Furniture options. Analysis of user preferences, style trends, and functional requirements to generate design recommendations. Restyling of existing interiors of a Living Room, Bedroom. Dining Room, etc by determining new clientele, analysing user preferences, providing multiple iterations.	
Unit – 3	12 hrs.
Basic Applications – AI Analyzing existing Floor plans, furniture layouts, Color schemes, material & finishes of a small-scale residential/commercial space. Ex – Studio Apartment, Café, Showroom etc. Redesigning of existing interiors for optimizing floor plans and efficient use of space	
Unit – 4	08 hrs.
Designing for the Future- Use of AI to recalculate the Interior lightings in a small-scale retail. Ex- Café, Showroom, gallery etc.	

REFERENCES

1. Architecture in the Age of Artificial Intelligence: An Introduction to AI for Architects Paperback December 16, 2021 by Neil Leach
- 2 Artificial Intelligence Art Design-An Extension of My Brain by. Xiaochuan Zhou.
- 3 Artificial Intelligence Basics: A Non-Technical Introduction By – Tom Taulli

V SEMESTER
IDD 5.8T – HUMAN RESOURCE MANAGEMENT (THEORY)

IID 5.8T	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Theory Credits: 3	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
a. Understand the strategic role of HRM in organizations
b. Apply effective recruitment and selection techniques
c. Design and implement effective training and development programs
d. Develop problem-solving and critical thinking skills
e. Utilize HR technology and data analytics

Unit-1	11Hrs.
Introduction to Human Resource Management -Definition and scope of HRM, Evolution of HRM Strategic role of HRM ,HR functions and their interrelationships	
Unit-2	12Hrs.
Human Resource Planning -Forecasting HR needs, Job analysis and job design, Recruitment and selection processes, Onboarding and orientation	
Unit-3	11Hrs.
Compensation, Benefits and employee relations -Compensation strategies, Job evaluation and pay structures,Employee relations and labor laws, Workplace safety and health,Grievance handling and disciplinary actions	
Unit-4	11Hrs.
Human Resource Information Systems (HRIS) -HRIS implementation and maintenance, Data analytics in HR ,HR metrics and KPIs	
<ul style="list-style-type: none"> • “Soft Skills: The Software Developer’s Life Manual” by John Z. Sonmez • “The 7 Habits of Highly Effective People” by Stephen R. Covey • “How to Win Friends and Influence People” by Dale Carnegie by Colin Forbes 	

VI SEMESTER
IDD6.1T– HERITAGE BUILDING (THEORY)

IDD6.1T	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Credits: 4	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
<ul style="list-style-type: none"> Gain knowledge of the concepts of heritage, including its historical, cultural, and architectural significance. Develop skills to assess the historical, social, and aesthetic values of heritage structures. Understand challenges like urbanization, environmental impacts, and community involvement in conserving heritage buildings.

Unit – 1	15 hrs.
Introduction to Heritage and Conservation -Definition and importance of heritage, Types of heritage buildings (religious, civic, residential), Heritage conservation: Evolution and principles, Role of heritage in society (identity, economy, tourism)	
Unit – 2	12hrs.
Architectural Styles and Materials -Key architectural styles (ancient, medieval, colonial), Traditional construction materials (stone, wood, brick), Structural elements (arches, domes, vaults),Case studies of iconic heritage buildings	
Unit – 3	10hrs.
Conservation Techniques and Challenges -Principles of conservation (preservation, restoration, reuse), Techniques for restoration (material replacement, structural repair) Role of technology in conservation (3D modelling, scanning), Challenges: Urbanization, environment, and funding	
Unit – 4	8hrs.
Heritage Management and Policies -Heritage site management and community involvement, Legal frameworks (national and international laws), Documentation methods (drawings, photographs, records), Sustainability in conservation and urban development	
REFERENCE	
<ol style="list-style-type: none"> “Conservation of Historic Buildings” by Bernard Feilden “Historic Preservation: An Introduction to Its History, Principles, and Practice” by Norman Tyler “Architecture in Conservation: Managing Development at Historic Sites” by James Strike “Understanding Historic Building Conservation” by Michael Forsyth “Heritage Management in Practice” by Gill Chitty 	

VI SEMESTER

IDD 6.2 T – ADAPTIVE REUSE & RECYCLE (THEORY)

IDD 6.2 T	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Theory Credits: 3	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
Analyse the historical, cultural, and architectural value of existing buildings for reuse.
Evaluate sustainable materials and strategies for recycling in design.
Develop design solutions that integrate adaptive reuse principles.
Incorporate life-cycle thinking into material selection and design processes.

Unit-1	15 Hrs.
Introduction to Adaptive Reuse-Definition and importance, Historical context and case studies, Benefits: Environmental, economic, and cultural, Challenges in adaptive reuse, Materials in Adaptive Reuse and Recycling, understanding material life cycles Sustainable and reclaimed materials Techniques for evaluating and reusing materials Case studies: Material innovation in recycled interiors	
Unit-2	12 Hrs.
Design Process for Adaptive Reuse Site analysis and building evaluation Programming for new uses of old spaces Balancing heritage conservation with modern needs Structural, code, and safety considerations	
Unit-3	10 Hrs.
Recycling Strategies in Interior Design Waste reduction in design processes Upcycling strategies for furniture and finishes, Circular design principles Design for disassembly	
Unit-4	8Hrs.
Tools and Technologies, Tools for sustainability assessment (e.g., LEED, BREEAM) Digital tools for retrofitting and design visualization, Innovative technologies in adaptive reuse	
REFERNCES	
<ol style="list-style-type: none">1. Adaptive Reuse: Extending the Lives of Buildings by James Douglas2. Building Reuse: Sustainability, Preservation, and the Value of Design by Kathryn Rogers Merlino3. Cradle to Cradle: Remaking the Way We Make Things by William McDonough and Michael Braungart4. Designing with Reclaimed Materials by Rainer Bertram5. The Upcycle: Beyond Sustainability—Designing for Abundance by William McDonough and Michael Braungart	

VI SEMESTER

IDD 6.3 T – INTERIOR LANDSCAPING (THEORY)

IDD 6.3 T	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Theory Credits: 3	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
Understand the principles of interior landscaping and its role in interior design.
Identify and select appropriate plants for different interior environments.
Design interior spaces using landscaping elements to enhance aesthetics and functionality.
Incorporate sustainable and biophilic design principles in projects.

8Unit-1	15 Hrs.
Introduction to Interior Landscaping History and evolution of interior landscaping Benefits: Aesthetic, psychological, and environmental Overview of biophilic design principles Plant Selection and Care. Types of indoor plants and their characteristics, Environmental requirements: Light, temperature, and humidity Soil, fertilizers, and watering systems Common issues in plant care and their solutions	
Unit-2	12Hrs.
Elements of Interior Landscaping, Vertical gardens and green walls Indoor water features and their integration with plants Containers, planters, and modular systems Incorporating natural materials like stone, wood, and moss. Designing with Plants Principles of composition: Colour, texture, and scale Zoning and space planning for indoor landscaping Designing for specific interior typologies (e.g., offices, retail, hospitality, residential) Case studies of iconic interior landscapes	
Unit-3	10 Hrs.
Sustainable Practices, Low-maintenance and drought-tolerant plants Recycling and upcycling materials for landscaping Energy-efficient lighting and irrigation systems Lifecycle analysis of interior landscaping materials, Maintenance and Long-Term Care Developing maintenance schedules Pest control and disease management Tools and techniques for plant care Budgeting for installation and upkeep	
Unit-4	8Hrs.
Project Development and Presentation Creating concept boards and material palettes Producing design documentation for interior landscaping projects Final project presentation and critique	
REFERNCES	
<ol style="list-style-type: none">1. Biophilic Design: The Theory, Science, and Practice of Bringing Buildings to Life by Stephen R. Kellert2. Plant Style: How to Greenify Your Space by Alana Langan3. Indoor Green: Living with Plants by Bree Claffey4. The Inspired Houseplant: Transform Your Home with Indoor Plants from Cacti to Bonsai by Jen Stearns5. Vertical Gardening: Grow Up, Not Out, for More Vegetables and Flowers in Less Space by	

VI SEMESTER

IDD 6.4 T – GRAPHIC COMMUNICATION AND SIGNAGE (THEORY)

IDD 6.4T	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Credits: 3	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
Apply graphic design principles to create functional and aesthetic signage.
Develop user-focused wayfinding and signage systems for various interior spaces.
Experiment with materials, textures, and fabrication techniques for signage production.
Produce professional-quality renderings, prototypes, and presentations.

Unit – 1	14 hrs.
Typography and Visual Hierarchy <ul style="list-style-type: none"> • Activity 1: Typography exploration: Create typographic layouts for different signage types. • Activity 2: Develop a signage system for a basic wayfinding scenario (e.g., a small office or retail space). • Tools: Hand-drawn sketches and Adobe Illustrator/Photoshop. 	
Unit – 2	10hrs.
Color Theory and Branding <ul style="list-style-type: none"> • Activity 3: Design a color scheme for a signage system aligned with a specific brand identity. • Activity 4: Create branded signage mockups, including directional, informational, and identification signage. • Tools: Digital rendering software (e.g., CorelDRAW, Adobe XD). Wayfinding Systems <ul style="list-style-type: none"> • Activity 5: Analyse the flow of movement in a chosen interior space (e.g., a mall, library, or hospital). • Activity 6: Develop a wayfinding strategy, including directional arrows, pictograms, and maps. • Tools: Floor plan overlays and CAD software. 	
Unit – 3	13 hrs.
Material and Texture Experiments <ul style="list-style-type: none"> • Activity 7: Create small-scale prototypes using materials such as acrylic, wood, and metal. • Activity 8: Experiment with finishes, textures, and lighting effects for signage. • Tools: Laser cutting, 3D printing, or manual crafting techniques. Digital Signage Integration <ul style="list-style-type: none"> • Activity 9: Design a digital signage interface using animation or static elements. • Activity 10: Create a dynamic wayfinding map or branding display for a commercial space. 	

<ul style="list-style-type: none"> • Tools: Adobe After Effects, Sketch, or similar software. 	
Unit – 4	8 hrs.
Final Project Development <ul style="list-style-type: none"> • Activity 11: Conceptualize and design a complete signage system for a specific space (e.g., museum, airport, corporate office). • Activity 12: Develop prototypes and a final presentation board, including renderings, material samples, and fabrication details. 	
<p style="text-align: center;">REFERENCES</p> <ol style="list-style-type: none"> 1. Wayfinding: Principles and Practice by David Gibson 2. Signage and Wayfinding Design: A Complete Guide to Creating Environmental Graphic Design Systems by Chris Calori and David Vanden-Eynden 3. Graphic Design in Architecture by Roger Yee 4. Typography Workbook: A Real-World Guide to Using Type in Graphic Design by Timothy Samara 5. Branding Interiors by Sylvia Leydecker 	

VI SEMESTER

IDD 6.5 T – DESIGN FOR SPECIAL NEEDS

IDD 6.5T	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Credits: 3	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
Gain an understanding of diverse special needs and their implications for interior design.
Apply universal and inclusive design principles to interior spaces.
Evaluate and implement accessibility standards, regulations, and codes.
Develop creative and functional design solutions for residential, commercial, and public spaces for individuals with special needs.

Unit – 1	15hrs.
<p>Introduction and meaning to special needs, definition of special needs, significance of design, considerations of special needs, purpose of design for special needs in interiors, and guidelines.</p> <p>Housing environments for physically handicapped, old aged people, deaf and dumb mentally retarded. Introduction to people with functional limitations, design for people with functional limitations, approaches to the problems faced by people with special needs, universal design process Universal design principles, designing for flexibility and adaptability, incorporating accessibility features in interior design Overview of major disability groups-visual impairment, hearing impairment, physical impairment, cognitive/language</p>	

impairment, designer needs approach, design guidelines, universal design needs.	
Unit – 2	10hrs.
Detail Case Study for Understanding the needs of special populations techniques for designing spaces that meet the needs of special populations for Autism People	
Unit – 3	12 hrs.
Detail Case Study for Understanding the needs of special populations techniques for designing spaces that meet the needs of special populations for Hearing Impaired, Detail Case Study for Understanding the needs of special populations techniques for designing spaces that meet the needs of special populations for Visually Impaired People	
Unit – 4	8hrs.
Detail Case Study for Understanding the needs of special populations, techniques for designing spaces that meet the needs of special populations for Physically Handicapped People	
REFERENCES	
<ol style="list-style-type: none"> 1. Gandotra, V. Oberoi, K., & Sharma, Essentials of Ergonomics. Dominant Publishers & Distributors.2005 2. Nigel King. Designing for Special Needs: An Architect's Guide to Briefing and Designing for People with Learning Disabilities. RIBA Publications May 2000 3. Salvendy, G. Handbook of Human Factors and Ergonomics. In Wiley eBooks.2012 4. Selwyn Goldsmith. Designing for the Disabled: The New Paradigm. Publisher Architectural Press.1997ISBN-13978-0750634427. 	

VI SEMESTER

IDD 6.6 P DIGITAL DESIGN - 3DS MAX/REVIT(PRACTICAL)

IDD 6.6P	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks:40
Number of Credits: 2s	Internal Assessment: 10

Course outcomes: On successful completion of the course, the students will be able to
Develop proficiency in 3DS Max and Revit for 3D modeling and rendering.
Create detailed, photorealistic renderings for interior and architectural projects.
Use Revit for BIM (Building Information Modeling) to produce accurate design documentation.
Integrate textures, materials, and lighting to enhance visualization.

Unit – 1	12 hrs.
Introduction to 3DS Max and Revit	
<ul style="list-style-type: none"> • Overview of 3D modeling and BIM software in interior design. • User interface, navigation, and basic commands. • Setting up projects and importing files from other design software (e.g., AutoCAD) 	
3D Modeling Basics in 3DS Max	
<ul style="list-style-type: none"> • Creating and modifying geometric shapes. 	

<ul style="list-style-type: none">• Poly-modeling techniques for furniture and interior elements.• Using modifiers for complex shapes (e.g., loft, extrude, bevel).	
Unit – 2	15hrs.
Materials and Texturing in 3DS Max <ul style="list-style-type: none">• Applying and editing materials using Material Editor.• UVW mapping and texture scaling.• Exploring material libraries and importing custom textures. Lighting and Rendering in 3DS Max <ul style="list-style-type: none">• Types of lights: Standard and photometric.• Global illumination and HDRI lighting setup. V-Ray/Arnold rendering engine: Settings and optimization for photorealistic outputs.	
Unit – 3	10 hrs.
Introduction to Revit for BIM <ul style="list-style-type: none">• Overview of Building Information Modeling (BIM).• Creating floor plans, sections, and elevations.• Basic 3D modeling and family creation in Revit. Advanced Revit Techniques <ul style="list-style-type: none">• Material application and realistic views in Revit.• Adding furniture, fixtures, and custom components. Documentation: Dimensioning, annotations, and creating schedules.	
Unit – 4	8 hrs.
Visualization and Walkthroughs <ul style="list-style-type: none">• Rendering in Revit: Applying lighting and materials.• Exporting models to 3DS Max for advanced rendering.• Creating animations and walkthroughs in 3DS Max Final Project <ul style="list-style-type: none">• Comprehensive project integrating Revit and 3DS Max.• Producing a set of technical drawings, 3D models, and rendered visuals for a residential or commercial interior.	
REFERENCES <ol style="list-style-type: none">1. Autodesk 3ds Max 2024: A Comprehensive Guide by Prof. Sham Tickoo.2. Mastering Autodesk Revit 2024 by Robert Yori, Marcus Kim, and Lance Kirby.3. V-Ray for 3DS Max Tutorials by Chaos Group. Press.1997ISBN-13978-0750634427.	

VI SEMESTER

IDD 6.7 P – DESIGN FUNDAMENTALS & ANTHROPOMETRY (PRACTICAL)

IDD 6.7P	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 40
Number of Credits: 2	Internal Assessment:10

Course outcomes: On successful completion of the course, the students will be able to
Apply Ergonomic concepts in everyday life and in various interior design projects.
Use anthropometrical data of static and dynamic activities for design development.
Understand the importance of space planning.

Unit – 1	10 hrs.
Meaning of Ergonomics, Concept, objectives, Applications, Ergonomic Factors Applicable to design. Anthropometry- Introduction to Anthropometry, Types of Anthropometric Data-Static and Dynamic Anthropometric data necessary to design. Anthropometric considerations in design development. Ergonomics for seated and standing work.	
Unit – 2	15hrs.
Anthropometric measurements and vertical and horizontal reach. Various human postures with dimensions: standing, sitting, cross legged, crawling, reclining. 1. Drawings and sketching of postures. 2. Representation techniques -Sketching, Drawings, drafting and rendering.	
Unit – 3	12 hrs.
Determination of work surface height, depth, Comfortable work chair height. Standard Furniture dimensions. Furniture used and space requirements in residential spaces with dimensions 1. Measuring of various furniture and spaces, its relationship with human postures. 2. Representation techniques -Sketching, Drawings, drafting and rendering.	
Unit – 4	8 hrs.
Space allocations in residential washrooms, public washrooms and washrooms with disability needs. Space allocation in public spaces. 1. Activity and behaviour-based measurements and its importance in Interiors. 2. Representation techniques -Sketching, Drawings, drafting and rendering.	
REFERENCES 1. Bridger. R. S., “Introduction to Ergonomics.” Mc. GrawHall Inc, New York, 1995. 2. Chiara J.D., Panero.J., Zelnik M., “Time Saver standards for Interior Design and Space Planning”, McGraw Hill, Neuferts Architect’s Data, 1992. 3. Lakhwinder Pal Singh, “Work Study and Ergonomics.” Cambridge University Press,Noida, 2016. 4. Mark. S. Sanders and Ernest. J. Mc. Cormick, “Human Factors in Engineering and Design.” Mc. GrawHall Inc, New York, 1992.	

VI SEMESTER

IDD 6.8 T – SOFT SKILL TRAINING (THEORY)

IDD 6.8 T	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Theory Credits: 3	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
Course outcomes: On successful completion of the course, the students will be able to
Improve their communication skills, both verbal and written
Develop strong interpersonal and teamwork skills
Build leadership skills and inspire others

Unit-1	12Hrs.
Interpersonal Skill <ul style="list-style-type: none">• Building relationships• Teamwork and collaboration• Conflict resolution and negotiation• Empathy and active listening Assertiveness and diplomacy	
Unit-2	10 Hrs.
Problem-Solving and Decision Making <ul style="list-style-type: none">• Problem identification and analysis• Creative problem-solving techniques• Decision-making models Risk assessment and mitigation	
Unit-3	11Hrs.
Leadership and Teamwork <ul style="list-style-type: none">• Leadership styles and qualities• Team building and collaboration• Conflict resolution and negotiation• Mentoring and coaching	
Unit-4	12Hrs.
Time Management and Productivity <ul style="list-style-type: none">• Time management techniques	

- Prioritization and task management

Stress management and work-life balance

References

- **“Soft Skills: The Software Developer's Life Manual”** by John Z. Sonmez
- **“The 7 Habits of Highly Effective People”** by Stephen R. Covey
- **“How to Win Friends and Influence People”** by Dale Carnegie by Colin Forbes

VII SEMESTER –B.DES. -INTERIOR DESIGN MANAGEMENT								
CODE	SUBJECTS	PAPER	TEACHING HRS/WEEK	EXAM HRS	MARKS			CREDITS
					IA	EXAM	TOTAL	
IDD 7.1P	Dissertation-I	Practical	3	3	20	80	100	3
IDD7.2P	Portfolio development	Practical	3	3	10	40	50	2
IDD7.3T	Business and Marketing forInterior designer	Theory	3	3	20	80	100	3
IDD7.4T	Vaastu Shastra	Theory	3	3	20	80	100	4
IDD7.5P	Internship	Practical	3	3	10	40	50	2
IDD7.6P	Design Studio-IV Hospitality Buildings	Practical	3	3	20	80	100	3
IDD7.7T	Vernacular Architecture	Theory	3	3	20	80	100	3
IDD7.8T	Logistics And Supply Chain Management	Theory	3	3	20	80	100	3
	TOTAL						700	23

VIII SEMESTER –B.DES. (INTERIOR DESIGN AND DECORATION)							
CODE	SUBJECTS	PAPER	TEACHING HRS/WEEK	MARKS			S CREDITS
				IA	EXAM	TOTAL	
IDD8.1P	Professional development seminar	Practical	3	10	40	50	2
IDD8.2T	Interior Services - III (Acoustics)	Theory	3	20	80	100	4
IDD8.3T	Biomimicry in Interiors	Theory	3	20	80	100	3
IDD8.4T	Design management and project coordination	Theory	3	20	80	100	3
IDD8.5P	Dissertation-II	Practical	3	20	80	100	3
IDD8.6T	Accessory in interiors	Theory	3	20	80	100	3
IDD8.7P	Graduation Project	Practical	3	10	40	50	2
IDD8.8T	Entrepreneurship And Development	Theory	3	20	80	100	3
	TOTAL					700	23

VII SEMESTER
IDD7.1P– DISSERTATION (PRACTICAL)

IDD7.1P	Exam Hours: 03 Hrs.
Total Hrs.:45	Exam Marks: 80
Number of Practical Credits: 3	Internal Assessment: 20

Unit-1	15HRS
Topic Selection -Choose a topic relevant to interior design, addressing current challenges or innovative practices., Ensure the topic aligns with your interests and has sufficient research material available. Examples: Sustainable interior design, adaptive reuse of spaces, cultural influences on interiors.	
Unit-2	10hrs.
Objectives and Scope -Clearly define what the research aims to achieve. Identify the scope of the study and its limitations. Highlight how the research contributes to the field of interior design.	
Unit-3	12Hrs.
Dissertation Structure <ol style="list-style-type: none"> Title Page: Include your dissertation title, name, course, and supervisor details. Abstract: Summarize the research objectives, methodology, and findings in 200–300 words. Acknowledgments: Thank contributors and mentors. Table of Contents: List chapters and sections with page numbers. 5.Introduction: Introduce the topic and its significance. State research questions and objectives. 6.Literature Review: Review existing studies and identify gaps. Relate previous research to your chosen topic. 7.Research Methodology: Explain methods for data collection (surveys, case studies, interviews). Mention tools used (software, visuals, charts). 8.Analysis and Findings: Present data and insights with diagrams, graphs, and tables. Relate findings to the research objectives. 9.Design Proposal (if applicable): <ul style="list-style-type: none"> Provide design concepts based on research findings. 	

<ul style="list-style-type: none"> Include sketches, technical drawings, and 3D models. <p>10.Conclusion:</p> <ol style="list-style-type: none"> Summarize key findings. State recommendations and future research directions. <p>11.References: Cite all sources following a standard format (APA, MLA, etc.).</p> <p>12.Appendices (optional): Additional drawings, data, or visuals.</p>	
Unit-4	8Hrs.
<p>Research Methodology</p> <ul style="list-style-type: none"> Use primary methods (site analysis, interviews) and secondary methods (books, journals). Ensure ethical research practices, such as obtaining consent for interviews. 	

VII SEMESTER
IDD7.2P–PORTFOLIO DEVELOPMENT (PRACTICAL)

IDD7.2P	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 40
Number of Practical Credits: 2	Internal Assessment: 10

Course outcomes: On successful completion of the course, the students will be able to
Create design ideas for interior accessories from start to finish.
Design accessories that are functional, comfortable, and easy to use.
Work on real-world projects, creating accessories that meet client needs.

Unit – 1	15 hrs.
<p>Introduction to Interior Design Portfolios</p> <ul style="list-style-type: none"> Purpose and importance of a portfolio in the interior design industry. Types of portfolios: Physical vs. Digital vs. Hybrid. Reviewing industry-standard portfolio examples. <p>Defining Your Personal Brand</p> <ul style="list-style-type: none"> Understanding your design style and strengths. Developing a personal mission and design philosophy. Crafting a professional bio and resume tailored to interior design. 	

Identifying Portfolio Projects <ul style="list-style-type: none"> • Selecting diverse and representative design projects. • Understanding what potential employers or clients look for. • Prioritizing quality over quantity. 	
Unit – 2	10hrs.
Project Documentation <ul style="list-style-type: none"> • Photography tips for interiors and 3D renderings. • Collecting and organizing sketches, plans, and material boards. • Writing project descriptions: Concept, process, and outcomes. Layout and Presentation Design <ul style="list-style-type: none"> • Key principles of portfolio layout: Balance, hierarchy, and flow. • Using grids, typography, and white space effectively. • Creating visual consistency across portfolio pages. 	
Unit – 3	12 hrs.
Digital Tools for Portfolio Creation <ul style="list-style-type: none"> • Introduction to software: Adobe InDesign, Canva, Figma, and more. • Optimizing digital portfolios for online sharing. • Creating an interactive PDF or portfolio website. Tailoring Portfolios for Different Audiences <ul style="list-style-type: none"> • Adapting portfolios for job applications, freelance clients, or graduate school. • Customizing content and style based on audience feedback 	
Unit – 4	8 hrs.
Peer Review and Critique <ul style="list-style-type: none"> • Presenting portfolios to classmates for constructive feedback. • Evaluating portfolios based on industry standards. • Refining work based on critiques. Advanced Presentation Techniques <ul style="list-style-type: none"> • Creating mock-ups to showcase work in real-world contexts. • Preparing for interviews and client presentations. • Practicing storytelling techniques for presenting your portfolio. Final Portfolio Review <ul style="list-style-type: none"> • Submitting completed portfolios for evaluation. • One-on-one feedback sessions with the instructor. • Discussing next steps: Updating portfolios and professional applications. 	

VII SEMESTER
IDD7.3T– BUSINESS AND MARKETING FOR INTERIOR DESIGNER (THEORY)

IDD7.3T	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Credits: 3	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
Understand business fundamentals specific to the interior design industry.
Develop a professional business plan for a design practice.
Learn strategies for client acquisition, retention, and relationship management.

Unit – 1	15HRS
Introduction to Business in Interior Design <ul style="list-style-type: none"> • Overview of the interior design industry. • Freelance vs. firm-based work: Pros and cons. • Key business challenges in interior design. Business Models and Structures <ul style="list-style-type: none"> • Setting up a design business: Sole proprietorship, LLC, or partnership. • Understanding licenses, permits, and certifications. • Defining your niche in interior design. Developing a Business Plan <ul style="list-style-type: none"> • Components of a business plan: Mission, vision, and goals. • Identifying target markets and ideal clients. • Conducting market research and competitor analysis 	
Unit – 2	10HRS
Financial Planning and Budgeting <ul style="list-style-type: none"> • Creating budgets for interior design projects. • Understanding pricing strategies: Hourly rates, flat fees, and markups. • Managing cash flow and tracking expenses. Contracts and Legal Considerations <ul style="list-style-type: none"> • Drafting client contracts and agreements. • Intellectual property rights for design work. • Handling disputes and legal challenges. Client Relationship Management <ul style="list-style-type: none"> • Techniques for effective client communication. • Managing client expectations and feedback. • Building long-term client relationships. 	

Unit – 3	10HRS
Branding for Interior Designers <ul style="list-style-type: none"> Developing a personal or business brand identity. Creating a cohesive visual language for your brand. Building a professional website and portfolio. Digital Marketing Strategies <ul style="list-style-type: none"> Using social media platforms (Instagram, Pinterest, LinkedIn, etc.). Content creation: Blogs, videos, and design showcases. Basics of SEO and digital advertising for designers. Networking and Building Industry Connections <ul style="list-style-type: none"> Strategies for networking within the design community. Partnering with architects, contractors, and suppliers. Leveraging professional organizations and trade shows. 	
Unit – 4	10HRS
Marketing Campaigns and Lead Generation <ul style="list-style-type: none"> Planning and executing marketing campaigns. Email marketing for client outreach. Measuring the success of marketing efforts (KPIs). Sustainability and Emerging Trends in Design Business <ul style="list-style-type: none"> Marketing sustainability-focused design services. Staying updated on trends and integrating them into business strategies. Embracing technology in design and marketing. Final Project and Presentation <ul style="list-style-type: none"> Developing a comprehensive business and marketing plan. Presenting the plan to peers and receiving feedback. Preparing for real-world applications and next steps. 	
<p style="text-align: center;">REFERENCES</p> <ul style="list-style-type: none"> The Interior Design Business Handbook by Mary V. Knackstedt Marketing Interior Design by Lloyd Princeton 	

VII SEMESTER
IDD7.4T– VAASTU SHASTRA (THEORY)

IDD7.4T	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Credits: 4	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to

Create design ideas for interior accessories from start to finish.

Design accessories that are functional, comfortable, and easy to use.

Work on real-world projects, creating accessories that meet client needs.

Unit – 1	15 hrs.
Meaning of Vaastu Shastra, elements of Vaastu, principles of Vaastu, significance of Vaastu on scientific basis. Relevance of Vaastu, plot geography: - type of soil, water sources, landmark and surroundings, plot location, plot shape, plants & trees in Vaastu. Use of magnetic compass and google earth for identification of north, four step analysis in Vaastu, significance of colour in Vaastu shastra - Introduction, importance, relation to five elements, relation to sixteen directions, application in interiors,	
Unit – 2	10 hrs.
Design strategies for Vaastu compatible residential and commercial establishments-introduction, orientation and placement of building in site, placement of rooms in residential units- villas, flats, apartments- living room, bedrooms, toilets, kitchen, dining room, pooja room, store room, staircase and lift, main entrances, garages, septic tank, sump, overhead tank. Commercial units factories, industries, showrooms, schools, hospitals/clinic, restaurants/cafe - office rooms, staff rooms, conference/meeting rooms, store rooms, HR room, boss cabin, stock area, factory area, security cabin	
Unit – 3	10 hrs.
Vaastu principles, techniques and treatments for renovation projects, remedies in Vaastu shastra introduction, types - pyramids crystals, artifacts and accessories - significance, application.	
Unit – 4	10 hrs.
Fengshui - Introduction, principles-YINYANG, Qi, natural elements and Baguio and their application in interior design. Fengshui as decorative accessories for building, use of green house, open structure, water statues and sculptures, ornaments mirror and glass. Design of interiors for residential and commercial establishment showing complete Vaastu principles and considerations.	
<p style="text-align: center;">REFERENCES</p> 1.Bhojraj Dwivedi, Remedial Vaastu shastra, Diamond books,2015, ISBN: 9788171820160 2 Maureen L. Belle, Multicultural Fengshui: Creating harmonious environments, Pentagon Press LLP, 2007. ISBN 8186505687 3 Michael Borden, Vastu Architecture: Design Theory and Application for Everyday Life by CreateSpace Independent Pub. 2011 4 Puri BB., Applied Vastu Shastra in Modern Architecture: A Complete Encyclopaedia of Vaastu Science, Motilal Banarsidass Publishing House 2022. 5 Shashikala A. The Penguin Guide to Vaastu: The Classical Indian Science of Architecture and Design, Penguin India 2000 6 Stephen Skinner Fengshui., Parragon, 2000 ISBN 978-0752532370	

VI SEMESTER
IDD7.5P–INTERSHIP (PRACTICAL)

IDD7.5P	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 40
Number of Practical Credits: 2	Internal Assessment: 10

Objectives:

To gain knowledge on the working of interior design firm

To gain practical knowledge of managing an interior design firm.

Course Outcomes: On completion of the course, the student will be able to:

1. Acquire the ability to function and grow in a professional working environment
2. Integrate theory and practice. Explore career alternatives prior to graduation.

3. Summarize work experience via a written log, reflection essay, oral presentation and
4. submission of a portfolio of completed work.
5. Develop work habits and attitudes necessary for job success. Acquire employment
6. contacts leading directly to a full-time job following graduation from college.

Students are required to undergo compulsory internship training in the office of a competent practicing architect or Interior Designer firm registered with the Indian Institute of Interior Designers, or Council of Architecture or in the architectural wing/ Department of a governmental, private or non-governmental voluntary organization for a minimum period of 30 working days. A work done portfolio and report to be submitted for evaluation.

Students are expected to gather from observation on site, activities involved in different stages of construction of a building project. They are required to record the methods used, sequence of activities, construction details, time involved at different stages etc, as observed from the site.

The Internship report must contain the following chapters:

1. Introduction to the company, aim and objectives of the internship, organization structure of the company.
2. Role of interior designers, layout of the organization, types of software used for designing, methods used for costing and estimation, summary & conclusion.
3. Portfolio of internship assignments, minimum five site visits- photographs recording GPS, case study of one of the completed project designed by the firm.

VII Semester

IDD7.6P– DESIGN STUDIO- IV- HOSPITALITY BUILDINGS (PRACTICAL)

IDD7.6P	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Practical Credits: 3	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
<ul style="list-style-type: none"> • Understand Hospitality Design Principles • Develop effective space layouts for various hospitality buildings, such as hotels, restaurants, cafes, and resorts. • Develop skills to present design concepts and technical drawings effectively through sketches, 3D visuals, and models

Unit – 1	15 hrs.
Introduction to Hospitality Design Overview of hospitality spaces (hotels, restaurants, cafes, resorts, etc.) Principles of hospitality design: functionality, ambience, and user experience Types of spaces in hospitality buildings (lobbies, guest rooms, dining areas, recreational spaces)	

Unit – 2	12hrs.
Space Planning and Zoning Case studies of hospitality spaces Space planning for various hospitality spaces Zoning and circulation patterns: public, semi-private, and private areas Concept development and initial design sketches	
Unit – 3	10 hrs.
Materials, Finishes, and Furniture Selection of materials: durability, maintenance, and appeal Role of finishes, textures, and colour schemes in ambience creation Furniture, fixtures, for hospitality interiors.	
Unit – 4	8 hrs.
Design Process and Final Presentation Concept development and thematic designs for hospitality spaces Sketching, drafting, and 3D modelling for design presentation Preparing material boards and mood boards Final project: Design and presentation of a complete hospitality space	

VII Semester

IDD7.7T -VERNACULAR ARCHITECTURE (THEORY)

IDD7.7T	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Credits: 3	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
<ul style="list-style-type: none"> Understand Hospitality Design Principles
<ul style="list-style-type: none"> Develop effective space layouts for various hospitality buildings, such as hotels, restaurants, cafes, and resorts.
<ul style="list-style-type: none"> Develop skills to present design concepts and technical drawings effectively through sketches, 3D visuals, and models

Unit – 1	15 hrs.
Definitions and theories, Categories, Contextual responsiveness: Climatic, Geographical, Anthropological and Cultural influences, Definitions and theories, Categories, Contextual responsiveness: Climatic, Geographical, Anthropological and Cultural influences	
Unit – 2	12 hrs.

Tribal Architecture Settlement Pattern, Dwelling Typology, Symbolism, Typical features, Construction materials and techniques. Andhra Pradesh, Madhya Pradesh, Odisha (Kondha and Santals) and Northeast (Naga and Khasi tribes).

Unit – 3	10 hrs.
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Kerala – Nalukettu, Houses of Nair & Namboothiri's, Koothambalam, Tarawads, Kerala Muslim houses (Mappilah houses) Tamil Nadu – Toda Huts, Chettinad Houses (Chettiars). Karnataka – Gutthu houses (land owning community), Kodavaancestral home (Aynmane), Andhra Pradesh –Rural Kaccha houses Rajasthan- Rural Jat 14 /Bhunga houses and Havelis. Gujarat- Deserts of Kutch, Pol houses o f A h m e d a b a d , Wooden Havelis. Goa – Traditional Goan houses. (Portuguese influence)

Unit – 4	8 hrs.
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Kashmir – Typical Kutcha houses, Dhoongas (Boathouses), Ladakhi houses, bridges. Himachal Pradesh – Kinnaur houses, Punjab – Rural Houses, Bengal –Rural house form- Aat Chawla houses, Thakur Bari (Mansions), Odisha – Rural houses of coastal areas,Sustainable building materials and construction techniques, Works of Laurie Baker, Hasan Fathy, Anil Laul, Gerard Da Cunha, Building Centers- Auroville, Anangpur, Nizamuddin Building Centre

REFERENCES

- 1 Brunskill, R. W. Illustrated Handbook of Vernacular Architecture. Castle Rock:Faber & Faber. 1987
- 2 Carmen, K. VISTARA – The Architecture of India. The Festival of IndiaPublications. 1986
- 3 Cooper and Dawson. Traditional buildings of India. London: Thames & Hudson.1998
- 4 Jain, K. and Jain, M. Mud Architecture of the Indian Desert. Ahmadabad: AadiCentre. 1992,
- 5 Kenneth, F Towards a Critical Regionalism: Six points for an architecture of Resistance, In the AntiAesthetic: Essays on Postmodern Culture. (Ed.) Hal, F. Seattle: BayPress. . 1983
- 6 Muthiah, S., Meyappan, M., Ramaswamy, V. and Muthuraman, V. The ChettiarHeritage. Chennai: Chettiar Heritage. 2000

VII SEMESTER

IDD7.8T - LOGISTICS AND SUPPLY CHAIN MANAGEMENT (THEORY)

IDD7.8T	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Credits: 3	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to

- Understand the role and importance of logistics in supply chain management.
- Identify and analyze the key components of logistics operations.
- Evaluate and select appropriate transportation modes and carriers.

Unit – 1	15 hrs.
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Introduction to Logistics and Supply Chain Management: Definition, scope, and importance. Key components of logistics and Supply Chain systems; Overview of supply chain management and its relationship with logistics; Understanding the fashion supply chain and its unique characteristics.

Transportation and Distribution Management: Modes of transportation-road, rail, air, sea and their characteristics, Freight management and carrier selection, Route optimizations and transportation cost analysis; Last-mile delivery and urban logistics for apparels.	
Unit – 2	12 hrs.
Supply Chain Integration and Collaboration - Role of information systems in supply chain management; Collaborative, Planning, Forecasting, and Replenishment (CPFR); Vendor-managed inventory (VMI) and supplier partnerships; Integration with suppliers, manufacturers, and customers. Performance Measurement and Continuous Improvement - Key Performance Indicators (KPIs) for logistics and Supply Chain Management; Balanced scorecard approach and performance measurement frameworks; Continuous improvement methodologies - Six Sigma, Kaizen	
Unit – 3	10 hrs.
Demand Forecasting and Order Fulfilment - Techniques for demand forecasting and planning, Order processing - picking, and packing operations, Order fulfilment strategies -drop-shipping, just-in-time, Customer service and order tracking. Warehouse Management Systems and Technology for order fulfillment: Cross Docking and drop Shipping. Forecasting and Fulfilment in E-commerce - Forecasting considerations for e-commerce businesses; Fulfilment models for online retail-drop shipping, third-party logistics; Order tracking and visibility in e-commerce; Managing peak seasons in e-commerce	
Unit – 4	8 hrs.
Technology and Data Analytics in Logistics - Role of technology in logistics management- RFID, WMS, TMS; Data analytics and predictive modeling for logistics optimizations; Real-time tracking and visibility in logistics operations. Sustainable Logistics and Green Supply Chain - Concepts of sustainability in logistics management; Green transportation and fuel-efficient practices; Reverse logistics and recycling programs; Carbon footprint measurement and reduction strategies in apparel Industry. Global Logistics and Emerging Trends in Apparel Industry - Challenges and opportunities in global logistics management; International trade regulations and customs procedures, such as e-commerce logistics, omni-channel distribution, and blockchain technology.	
<p style="text-align: center;">REFERENCES</p> <ul style="list-style-type: none"> • Bowersox, D. J., and Closs, D. J. (1996), “Logistical Management - The Integrated Supply Chain Process”, New York, McGraw-Hill, ISBN: 978-007-006-8834 • David Simchi Levi, Philip Kaminsky, “Designing and Managing Supply Chain”, Mc Graw Hill, 2022, ISBN-13:978-9355-321787. • Fernie, J., and Sparks, L., (EDS), (1998), “Logistics and Retail Management, Insight into Current Practice and Trends from Leading Experts”, Kogan Page Ltd, London • John Fernie and David Grant "Fashion Logistics: Insights into the Fashion Retail Supply Chain" Kogan Page; 1st edition, 2015, ISBN-13: 978-0749472986 • Rajkishore Nayak, “Supply Chain Management and Logistics in the Global Fashion Sector”, The Sustainability Challenge, by Routledge, 2020, ISBN 9780367543860 • Richard B Chase, Ravi Shankar and F Robert Jacobs, “Operations and Supply Chain Management (SIE) 2018, McGraw Hill Education. ISBN-13: 978-9353-161170. • 	

VIII SEMESTER
IDD8.1P–PROFESSIONAL DEVELOPMENT SEMINAR (PRACTICAL)

IDD8.1P	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 40
Number of Practical Credits: 2	Internal Assessment: 10

Course outcomes: On successful completion of the course, the students will be able to

1. Understand and apply sustainable design principle
2. Explore innovative materials and their applications in interior spaces.
3. Examine the impact of emerging technologies on interior design.
4. Develop advanced skills in space planning and design execution.

Seminar explores advanced concepts in interior design, focusing on sustainable practices, innovative materials, and emerging technologies. Through lectures, case studies, and practical assignments, students will deepen their understanding of contemporary interior design challenges and solutions..

- Presentation of student projects incorporating seminar topics.
- Peer review and feedback.

VIII SEMESTER
IDD8.2T - INTERIOR SERVICES - III (ACOUSTICS) (THEORY)

IDD8.2T	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Credits: 4	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to

- Understand the role and importance of logistics in supply chain management.
- Identify and analyze the key components of logistics operations.
- Evaluate and select appropriate transportation modes and carriers.

Unit – 1	15 hrs.
Introduction to Acoustics <ul style="list-style-type: none"> • Fundamentals of sound: frequency, wavelength, amplitude, and velocity. • Sound behavior: reflection, absorption, diffusion, and transmission. • Importance of acoustics in interior design. 	
Unit – 2	12 hrs.

Acoustic Materials and Treatments	
<ul style="list-style-type: none"> Types of acoustic materials: absorptive, reflective, and diffusive. Properties and applications of common acoustic materials. Market survey and rate analysis of acoustic materials for homes, offices, theatres, and auditoriums. 	
Unit – 3	10 hrs.
Acoustic Design Strategies	
<ul style="list-style-type: none"> Room acoustics: controlling reverberation and echo. Sound isolation techniques: walls, floors, ceilings, and openings. Design considerations for specific spaces: auditoriums, theatres, offices, and residential areas. 	
Unit – 4	8 hrs.
Practical Applications and Site Visits	
<ul style="list-style-type: none"> Case studies of acoustically designed interiors. Site visits to auditoriums and theatres to study materials used for acoustics. Analysis and reporting on acoustic treatments observed during site visits. 	
REFERENCES	
<ul style="list-style-type: none"> "Architectural Acoustics" by M. David Egan. "Acoustics and Noise Control" by David A. Bies and Colin H. Hansen. "Master Handbook of Acoustics" by F. Alton Everest and Ken C. Pohlmann 	

VIII SEMESTER
IDD8.3T - BIOMIMICRY IN INTERIORS (THEORY)

IDD8.3T	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Credits: 3	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
<ul style="list-style-type: none"> Understand the fundamental concepts of biomimicry and its relevance to interior design. Analyze natural systems and organisms to extract design principles applicable to interiors. Develop sustainable interior design solutions inspired by nature.

Unit – 1	15 hrs.
Introduction to elements of nature, nature as a model, measure and mentor for design, history of designs with nature as inspiration, building forms inspired from nature, Introduction and importance of bio mimicry, purpose of bio mimicry, components of bio mimicry. History of bio mimicry, motivations for bio mimicry, terminologies in bio mimicry - Bionics, bioink and biomimetics, natures unifying patterns, interpretation of bio mimicry in design.	
Unit – 2	12hrs.

Introduction to World Biome, Genius of Biomes, theoretical framework of bio mimicry, skills, attitudes and mindset for a bio mimic, bio mimicry process, lattice structure form, curvature structure form: Iterative structure form the golden spiral structure form, Introduction to Biomimetic process, bio mimicry design sphere - components and elements, bio mimicry taxonomy, wise selection of construction materials, advantages and disadvantages of bio mimicry	
Unit – 3	10 hrs.
Design approaches in Bio mimicry as a model - top-down design approach & bottom-up approach, levels of bio mimicry, - organism, behavior and ecosystem levels, influence of biology on design, measure and mentor	
Unit – 4	8hrs.
Principles of Bio mimicry in design, emerging advancements in bio mimicry design - Breathing walls, adaptive building envelopes. Patterns of biophilia, benefits of bio mimicry in design.	
REFERENCES	
1 Benjamin R. Krueger, "Bio mimicry: Nature as Designer", 2016, CreateSpace Independent Publishing Platform	
2 Dora Lee, "Bio mimicry: Inventions Inspired by Nature", 2011, Kids Can Press, Toronto, Canada.	
3 Michael Pawlyn, "Bio mimicry in Architecture", 2011, RIBA Publishing, London.	
4 Stephen R. Kellert, "Biophilic Design: The Theory, Science and Practice of Bringing Buildings to Life, 2011, John Wiley & Sons, New Jersey	

VIII SEMESTER
IDD8.4T - DESIGN MANAGEMENT AND PROJECT COORDINATION (THEORY)

IDD8.4T	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Credits: 3	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
<ul style="list-style-type: none"> Understand the fundamental concepts of biomimicry and its relevance to interior design. Analyze natural systems and organisms to extract design principles applicable to interiors. Develop sustainable interior design solutions inspired by nature.

Unit – 1	15 hrs.
Introduction to Design Management <ul style="list-style-type: none"> Definition and significance of design management. Design as a strategic tool for competitive advantage. Overview of design thinking and its application in management. 	
Unit – 2	12 hrs.

Project Planning and Initiation <ul style="list-style-type: none"> • Project initiation processes and defining project scope. • Estimating, budgeting, and developing work plans. • Setting project objectives and success criteria. Scheduling and Resource Management <ul style="list-style-type: none"> • Developing project schedules and timelines. • Resource allocation and management. • Utilizing project management software tools. 	
Unit – 3	10 hrs.
Team Leadership and Communication <ul style="list-style-type: none"> • Leadership styles and their impact on project teams. • Effective communication strategies within design teams. • Conflict resolution and negotiation skills. Quality Management and Risk Assessment <ul style="list-style-type: none"> • Implementing quality management practices in design projects. • Identifying and assessing project risks. • Developing risk mitigation strategies. 	
Unit – 4	8 hrs.
Project Execution and Monitoring <ul style="list-style-type: none"> • Coordinating project activities and team members. • Monitoring project progress and performance. • Managing changes and updates to the project plan. Project Closure and Evaluation <ul style="list-style-type: none"> • Closing out project phases and final deliverables. • Conducting post-project evaluations and lessons learned. • Documenting project outcomes and reporting. 	
<p style="text-align: center;">REFERENCES</p> <ol style="list-style-type: none"> 1. Design Management: Managing Design Strategy, Process and Implementation by Kathryn Best. 2. The Art of Project Management by Scott Berkun. 3. Project Management for Design Professionals by William Ramroth. 	

VIII SEMESTER
IDD8.5P– DISSERTATION (PRACTICAL)

IDD8.5P	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 40
Number of Practical Credits: 2	Internal Assessment: 10

Unit-1	15hrs.
Design Application <ul style="list-style-type: none"> • Translate findings into a practical design solution (if applicable). • Showcase innovation, sustainability, and functionality in your design. 	

<ul style="list-style-type: none"> • Use sketches, mood boards, material samples, and digital renderings to support your proposal.. 	
Unit-2	12hrs.
Report Formatting <ul style="list-style-type: none"> • Font and Size: Times New Roman, 12 pt. • Spacing: 1.5 or double-spaced. • Margins: 1 inch on all sides. • Page Numbers: Bottom-right corner. • Visuals: Include labelled images, diagrams, and tables. 	
Unit-3	10 Hrs.
Presentation and Viva <ul style="list-style-type: none"> • Prepare a clear and engaging presentation using visuals and concise explanations. • Highlight key findings and their implications for interior design. • Anticipate questions during the viva and be ready to defend your research. 	
Unit-4	8Hrs.
. Evaluation Criteria <ul style="list-style-type: none"> • Originality and relevance of the topic. • Depth of research and quality of analysis. • Practicality and creativity in design application. • Report structure, presentation quality, and adherence to guidelines. for interviews. 	

VIII SEMESTER
IDD 8.6T– INTERIOR ACCESSORY DESIGN (THEORY)

IDD8.6T	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Practical Credits: 3	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
Create design ideas for interior accessories from start to finish.
Design accessories that are functional, comfortable, and easy to use.

Work on real-world projects, creating accessories that meet client needs.

Unit – 1	15 hrs.
Introduction to Interior Accessories Definition and Role of Interior Accessories in Interior Design Overview of Different Types of Accessories: Furniture, Textiles, Lighting, Art, and Decorative Items The Influence of Accessories on Interior Themes and Style Selection Criteria: Functionality, Aesthetics, and Sustainability Case Studies: Successful Use of Accessories in Residential and Commercial Spaces	
Unit – 2	12 hrs.
Design and Placement of Textiles Role of Fabrics and Textiles in Interior Design: Curtains, Cushions, Rugs, and Throws Principles of Fabric Selection: Texture, Colour, Durability, and Maintenance Designing Cushions, Upholstery, and Soft Furnishings The Importance of Scale and Proportion in Textile Accessories Placement and Arrangement: How Textiles Enhance Space	
Unit – 3	10 hrs.
Decorative and Functional Accessories Art and Wall Decor: Paintings, Sculptures, and Mirrors Lighting Fixtures: Lamps, Chandeliers, and Decorative Lighting Functional Accessories: Clocks, Vases, Trays, and Storage Solutions Accessorizing with Plants and Greenery: Natural vs. Artificial Creating a Cohesive Design: Coordinating Accessories with Overall Interior Style	
Unit – 4	8 hrs.
Trends and Innovations in Accessory Design Current Trends in Interior Accessories: Minimalism, Bohemian, Industrial, etc. Personalized and Customized Accessories for Clients Sustainable and Recycled Accessories in Modern Interiors	
REFERNCES 1. "Accessories for the Home: Interiors & Design" by Mirabel Cecil. 2. "The Decoration of Houses" by Edith Wharton. 3. "The Art of Accessorizing: How to Style Your Space" by Erin Gates. 4. "Materials for Interior Environments" by Corky Binggeli. 5. "Sustainable Home Design" by Oliver Heath.	

VIII SEMESTER
IDD8.7P– GRADUATION PROJECT

IDD8.7P	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 40
Number of Practical Credits: 2	Internal Assessment: 10

Course outcomes: On successful completion of the course, the students will be able to
• Demonstrate an understanding of design concepts and principles.
• Apply theoretical knowledge to practical, real-world problems.
• Showcase creativity, technical skills, and design proficiency.
• Provide a comprehensive solution that balances aesthetics, functionality, and sustainability.

Project Scope

The project should address a comprehensive design problem, which could include:

- Residential Design: Apartments, villas, or housing communities.
- Commercial Design: Retail stores, restaurants, or offices.
- Institutional Design: Schools, libraries, or hospitals.
- Hospitality Design: Hotels, resorts, or recreational spaces.
- Specialized Spaces: Museums, exhibition halls, or urban public spaces.

Project Phases

Phase 1: Research and Analysis

- Topic Selection: Choose a project type and define its scope.
- Site Analysis: Analyze the location, surroundings, and constraints.
- Client Profile: Define a hypothetical or real client’s needs and preferences.
- Case Studies: Conduct comparative studies of similar projects.
- Design Brief: Prepare a statement outlining project objectives, requirements, and deliverables.

Phase 2: Concept Development

- Mood Boards: Visual representations of themes, color schemes, and textures.
- Concept Statement: A narrative explaining the design vision and approach.
- Space Planning: Initial zoning and layout ideas to ensure functionality.

Phase 3: Design Development

- Detailed Layouts: Floor plans, elevations, and sections.
- Material Selection: Specify finishes, furniture, fixtures, and fittings.

- **Lighting Design:** Develop a lighting plan with fixtures, placements, and effects.
- **Sustainability Considerations:** Incorporate eco-friendly and energy-efficient solutions.

Phase 4: Final Presentation

- **3D Visualizations:** Rendered views, perspectives, and walkthroughs.
- **Technical Drawings:** Construction drawings with dimensions and details.
- **Presentation Boards:** Professionally prepared boards showcasing the project.
- **Project Report:** Comprehensive documentation of the design process, research, and conclusions.

Deliverables

1. **Design Boards:**
 - Concept boards with visuals, sketches, and materials.
 - Plans, sections, and elevations (scaled and labeled).
 - Rendered perspectives and 3D visuals.
2. **Physical Model (Optional):**
 - A scaled physical model of the design.
3. **Digital Presentation:**
 - A slideshow or video walkthrough of the project.
4. **Written Report:**
 - Introduction, methodology, concept, development, and conclusion.
 - Appendices for references, case studies, and research material.

Evaluation Criteria

- **Research Depth:** Quality and relevance of the analysis and case studies.
- **Innovation:** Originality and creativity in design solutions.
- **Functionality:** Practicality and usability of the space.
- **Technical Accuracy:** Precision in technical drawings and specifications.
- **Presentation Quality:** Clarity and professionalism in boards, models, and reports.
- **Sustainability:** Integration of environmentally friendly practices.

Timeline

- Week 1-2: Topic approval and site analysis.
- Week 3-5: Research and design brief submission.
- Week 6-8: Concept development and initial layouts.
- Week 9-12: Detailed design and technical documentation.
- Week 13-14: Final presentation preparation.
- Week 15: Submission

VIII SEMESTER IDD8.8T– ENTERPRENURSHIP AND DEVELOPMENT

IDD8.8T	Exam Hours: 03 Hrs.
Total Hrs.: 45	Exam Marks: 80
Number of Credits: 3	Internal Assessment: 20

Unit-1	15hrs.
Concept and Emergence of Entrepreneurship Entrepreneurship: concept, knowledge and skills requirement; Characteristics of entrepreneurs, Role of entrepreneurship in economic development; Value addition and Employment Creation Entrepreneurship process, factors impacting emergence of entrepreneurship; Managerial V/S entrepreneurial approach and emergence of entrepreneurship; Women Entrepreneurship in India - Growth and Possibilities; Entrepreneurship Development in Urban India	
Unit-2	12Hrs.
Starting Business Starting the venture, generating business idea sources of new ideas; methods of generating ideas, creative problem solving, opportunity recognition; environment scanning ;competitor and industry analysis, -Feasibility Study Feasibility study, market feasibility; technical/operational feasibility; financial feasibility	
Unit-3	10Hrs.
Business Plan	

<p>Business plan; preparing project report; presenting business plan to investors; Why Business Plans Don't Get Funded: An Entrepreneurial Perspective; Community Environment for Entrepreneurship; Functional plans,</p> <p>Marketing and Manpower Planning</p> <p>Marketing plan -marketing research for the new venture; steps in preparing marketing plan, contingency planning; organizational plan – form of ownership; designing organization structure, job design, manpower planning; financial plan; cash budget, working capital; proforma income statement; proforma cash flow, proforma balance sheet, break even analysis;</p>	
Unit-4	8Hrs.
<p>. Small Scale Industries and Financial Institutions</p> <p>Meaning and Growth of MSEs; Small Scale Industries; Significance; problems and remedies; Industrial Policies; foreign direct investment (FDI); Sources of finance, debt or equity financing, commercial banks; venture capital, Financial Institutions supports Entrepreneurs,</p> <p>National Skill Development Programs for Entrepreneurship</p> <p>National Policy for the Development of Women Entrepreneurs in India; National Skill Development; Skill Development in India: Vocational Education and Training System; supporting entrepreneurs</p>	
<p style="text-align: center;">REFERENCES</p> <ul style="list-style-type: none"> • <u>Allen, Kathleen R</u>, (2006) “<i>Growing And Managing a Small Business An Entrepreneurial Perspective</i>”Publisher- Houghton Mifflin College Div • Madhurima Lall & Shika Sahai (2008) <i>Entrepreneurship, Excel Publication</i>, 2nd edition • <u>Arun Mittal & S L Gupta</u> (Author) (2011), “<i>Entrepreneurship Development</i>”, International Book House Pvt. Ltd. (2011) • G.R Krishna, Nobert Koubek, A.K. Singh, Nagendra.S (2011) “<i>Entrepreneurship And Development</i>”, Edited Book, SITA publications , Mumbai, 2011 • <u>Rajeev Roy</u> (2011) “<i>Entrepreneurship</i>” Oxford Higher Education, Aug-2011 	