

ಡಾ. ಮನಮೋಹನ್ ಸಿಂಗ್
ಬೆಂಗಳೂರು ನಗರ ವಿಶ್ವವಿದ್ಯಾನಿಲಯ



Dr. MANMOHAN SINGH
BENGALURU CITY UNIVERSITY

Office of the Registrar, Central College Campus, Dr. B.R. Ambedkar Veedhi, Bengaluru – 560 001.
PhNo.080-22131385, E-mail: registrar@bcu.ac.in/registrarbcu@gmail.com

No.MSBCU/BoS/Syllabus/Science/ 107 /2026-27

Date: 29.06.2026

NOTIFICATION

Sub: Syllabus for the V & VI Semester Under Graduate Courses in the Faculty of Science -reg

- Ref: 1. Government Order No. ED 166 UNE 2023 Bengaluru dated. 08.05.2024
2. Recommendations of the Boards of Studies in the Faculty of Science
3. Approval of the Academic Council in its meeting held on 08.06.2026
4. Orders of Vice-Chancellor dated.29.06.2026

The Syllabus prepared by the Boards of Studies for the different Subjects of V & VI semester Under Graduate Courses, in the faculty of Science based on the Guidelines and Curriculum Structure issued by the Government under ref(1) have been approved by Academic Council meeting held on 08.06.2026.

Accordingly, the CBCS Syllabus for the V & VI Semester UG Courses of Science Faculty in respect of following subjects are hereby notified for implementation from the academic year 2026-27.

Sl. No.	Subjects
1.	Botany– V & VI Semester
2.	Chemistry– V & VI Semester
3.	Zoology and Genetics– V & VI Semester
4.	BoS in Fashion and Apparel Design i. FAD – V & VI Semester ii. IDD– V & VI Semester
5.	Geography– V & VI Semester
6.	Mathematics– V & VI Semester
7.	Physics – V & VI
8.	BoS in Home Science i) Home Science – V & VI ii)Nutrition & Dietetics – V & VI iii)Clinical Nutrition & Dietetics – V & VI iv)Food Technology – I & II Sem

p.t.o

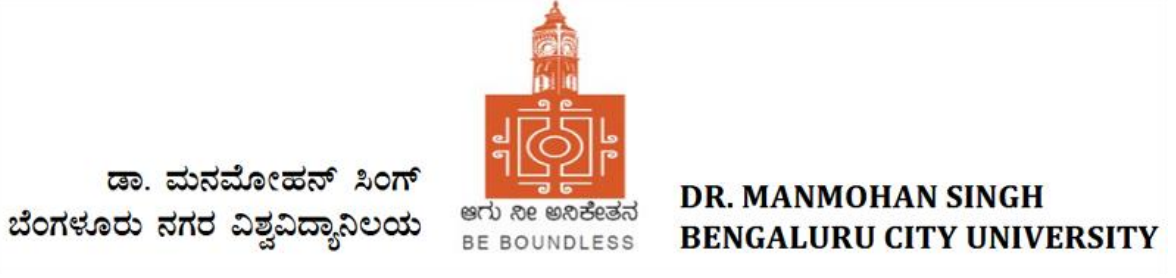
9.	Criminology and Forensic Science– V & VI
10.	Psychology– V & VI Semester
11.	Electronics – V & VI
12.	Statistics – V & VI
13.	Microbiology– V & VI
14.	Biotechnology– V & VI
15.	Environmental Science– V & VI

The detailed Syllabi for above subjects are notified in the University Website:
www.bcu.ac.in for information of the concerned.


REGISTRAR

Copy to;

1. The Registrar(Evaluation), Dr. Manmohan Singh Bengaluru City University
2. The Dean, Faculty of Science, MSBCU.
3. The Principals of the concerned affiliated Colleges of MSBCU- through email.
4. The P.S. to Vice-Chancellor/Registrar/Registrar (Evaluation), MSBCU.
5. Office copy / Guard file / University Website: www.bcu.ac.in



**B.Sc. (Interior Design & Decoration)
V & VI Semester Syllabus**

2026-27 onwards

(State Education Policy)

Proceedings of the Board of Studies meeting in Fashion & Apparel Design (UG), Dr. Manmohan Singh Bengaluru City University held on 31st March 2026 at 10.00 AM in the Department of Apparel Technology & Management, Bangalore University, Bengaluru.

The Chairman welcomed all the members and the agenda was taken up for discussion.

Item No. 1. Approval of the scheme and syllabus of V & VI Semesters B.Sc. (Fashion & Apparel Design).

The members deliberated on the scheme and syllabus prepared for V & VI Semesters and after incorporating the necessary changes the Board approved the scheme and syllabus of V & VI Semesters to be implemented from the academic year 2026-27.

Item No. 2. Approval of the scheme and syllabus of V & VI Semesters B.Sc. (Interior Design & Decoration).

The members deliberated on the scheme and syllabus prepared for V & VI Semesters and after incorporating the necessary changes the Board unanimously approved the scheme and syllabus of V & VI Semesters to be implemented from the academic year 2026-27.

Item No. 3. Approval of panel of Examiners for B.Sc. (Fashion & Apparel Design) for the year 2026-27

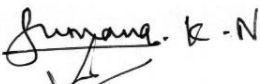
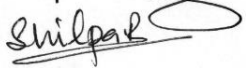
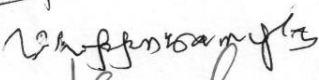
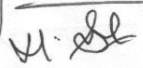
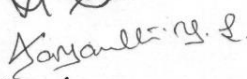
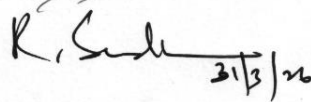
The list of panel of examiners prepared for B.Sc. (Fashion & Apparel Design) for the year 2026-27 was approved.

Item No. 4. Approval of panel of Examiners for B.Sc. (Interior Design and Decoration) for the year 2026-27

The list of panel of examiners for B.Sc. (Interior Design & Decoration) for the year 2026-27 was placed and the same was approved.

The Chairman thanked all the members for their active participation in the meeting.

Members Present:

Mrs. Sumana KN	Member	
Mrs. Ashwini Joshi	Member	
Mrs. Pooja Bekal	Member	
Mrs. Shilpa R Krishna	Member	
Mr. Thippeswamy	Member	
Mrs. Niveditha AS	Member	
Mrs. Sneha Manjunath	Member Co-opted	
Mrs. Jayanthi YS	Member Co-opted	
Dr. R. Sudhakar	Chairperson	

B.Sc. INTERIOR DESIGN AND DECORATION								
SEMESTER V								
CODE	Subjects	Paper Theory/ Practical	Instruction Hrs./week	Duration of Exam (Hrs.)	Marks			CREDITS
					IA	Exam	Total	
IDD 5.1 T	Project Management	Theory	4	3	20	80	100	3
IDD 5.2 P	Working Drawing in Interiors	Practical	3	3	10	40	50	2
IDD 5.3 T	Estimation, Costing and Specification for Interiors	Theory	4	3	20	80	100	3
IDD 5.3 P	Estimation, Costing and Specification for Interiors	Practical	3	3	10	40	50	2
IDD 5.4 T	Textiles and Accessories for Interiors	Theory	4	3	20	80	100	3
IDD 5.4 P	Textiles and Accessories for Interiors	Practical	3	3	10	40	50	2
IDD 5.5 T	Vernacular Architecture and Green Interiors	Theory	4	3	20	80	100	3
IDD 5.5 P	Vernacular Architecture and Green Interiors	Practical	3	3	10	40	50	2
IDD 5.6 P	Interior Design-Residence	Practical	3	3	10	40	50	2
IDD 5.7	Internship				20	80 Viva & Report	100	3
				Total	750			25

B.Sc. INTERIOR DESIGN AND DECORATION								
SEMESTER VI								
CODE	Subjects	Paper Theory/ Practical	Instruction hrs./week	Duration of Exam (hrs.)	Marks			CREDIT
					IA	Exam	Total	
IDD 6.1 T	Professional Practice	Theory	4	3	20	80	100	3
IDD 6.2 P	Interior Journalism	Practical	3	3	10	40	50	2
IDD 6.3 T	Interior Landscaping	Theory	4	3	20	80	100	3
IDD 6.3 P	Interior Landscaping	Practical	3	3	10	40	50	2
IDD 6.4 T	Vaastu in Interiors	Theory	4	3	20	80	100	3
IDD 6.5 P	Interior Design-Retail	Practical	3	3	10	40	50	2
IDD 6.6 T	Interior Business Startup	Theory	4	3	20	80	100	3
IDD 6.7 P	Design for Special Needs	Practical	3	3	10	40	50	2
IDD 6.8 P	Portfolio Development	Practical	3	3	10	40	50	2
IDD 6.9	Research Project	-	-	-	20	80 Viva & Report	100	3
				Total	750			25

V Semester
B.Sc. Interior Design and Decoration
IDD 5.1 T – Project Management

IDD 5.1 T	Exam Hours: 03 Hrs.
Total Hrs.: 56	Exam Marks: 80
Number of Theory Credits: 03	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to	
1. Plan and control scope, time, cost, and quality to achieve project objectives.	
2. Implement and manage project procurement processes effectively.	
3. Identify, assess, and mitigate project risks systematically.	
4. Analyse and manage stakeholder engagement for project success.	
5. Apply project management tools and principles to deliver successful projects.	

UNIT-1	14 Hrs.
Project management - Introduction, Objectives, roles, responsibilities of Project Managers, Types of projects, Project lifecycle, construction industry - existing construction practices & project management systems. Concepts of project planning, scheduling & controlling. Human aspects in managing projects, defining activities and their Interdependency. Work breakdown structures. Linear Scheduling methods - bar charts, LOB, their limitations. Principles, definitions of network-based scheduling methods: CPM, PERT, Network representation, Network analysis Diagrams - forward and backward.	
UNIT-2	14 Hrs.
Project Monitoring and Control - Site layout, organization, Site investigations, Quality tests for Construction material and processes. Quality control inspections, progress tracking, Crashing Project Schedules, its impact on time, cost and quality. Direct and Indirect costs. Resources Management-Types, Material Management, Equipment Management, Human resource management. Resources scheduling and leveling. Labour welfare, applicable labour legislation. Construction equipment types, characteristics & its applications. Value engineering- Introduction, its advantages and disadvantages.	
UNIT-3	14 Hrs.
Stakeholder - Introduction, types, stakeholder management, Stakeholder register, Documentation and Communication “Road Map”- Enterprise environmental factors, managing stakeholders in virtual world, Consumer Protection Act, managing difficult stakeholders. Communication Technology – Communication plan to manage stakeholder engagement.	
UNIT-4	14 Hrs.
Cost management: Introduction, financing of projects, capital budgeting, financial risk analysis, financial control of projects, tendering and estimating, activity sequencing, duration and time planning, labor costing, contracting and subcontracting. Safety management: Introduction, causes of accidents in construction sites, losses due to accidents - Direct loss, Indirect loss, factors contributing to accidents and preventive measures. Fire protection - Causes of fire in a building, preventive measures and safety through legislation.	

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V Semester
B.Sc. Interior Design and Decoration
IDD 5.2 P Working Drawing in Interiors

IDD 5.2 P	Exam Hours: 03 Hrs.
Total Hrs.: 42	Exam Marks: 40
Number of Practical Credits: 02	Internal Assessment: 10

Course outcomes: On successful completion of the course, the students will be able to	
1.	Develop accurate working drawings for foundations, including site plans, excavation details, and structural layouts using appropriate software.
2.	Create a detailed floor plans, sectional elevations, and material specifications for Residential, educational and commercial spaces.
3.	Draft comprehensive finishing drawings, including wall cladding, flooring, false ceilings, railings, and partition details.
4.	Produce precise furniture layout working drawings with construction details for interior spaces.
5.	Design plumbing, electrical, and reflected ceiling plans to ensure functional and efficient building services.

UNIT-1:	10 Hrs.
Working Drawings of Foundations - Prepare measured drawings of a residential, educational and commercial space using measuring tools and CAD software (AutoCAD, SketchUp Layout, Revit). Draft complete working drawings including: Site Plan, Excavation & Column Layout, Centreline Drawing, Plinth Beam Details, Schedules and Specifications	
UNIT-2:	10 Hrs.
Finishing Drawings – Floor Plans - Prepare detailed floor plans with sectional elevations and construction details, include material specifications. Draft: Ground Floor Plan, First Floor Plan, Terrace Plan, Sections and Elevations	
UNIT-3:	10 Hrs.
Draft detailed drawings and Prepare furniture layout, Wall Cladding, Flooring, False Ceiling, Railings, Partitions	
UNIT-4:	12 Hrs.
Interior Services - Draft plumbing and electrical layouts. Prepare Reflected Ceiling Plan (RCP).	

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1.	Aronson, Joseph. <i>The Encyclopedia of Furniture</i> . 3rd ed., 1961.
2.	Blakemore, Robbie G. <i>History of Interior Design and Furniture: From Ancient Egypt to Nineteenth-Century Europe</i> . Wiley Publishers, 2005.
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5.	Kilmer, Rosemary. <i>Construction Drawings and Details for Interiors</i> . 2nd ed., Wiley & Sons, 2016.
6.	Mitton, Maureen, and Courtney Nystuen. <i>Residential Interior Design: A Guide to Planning Spaces</i> . 3rd ed., Wiley Publication, 2016.
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V Semester
B.Sc. Interior Design and Decoration
IDD 5.3 T Estimation, Costing and Specification for Interiors

IDD 5.3 T	Exam Hours: 03 Hrs.
Total Hrs.: 56	Exam Marks: 80
Number of Theory Credits: 03	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
1. Understand the preparation of abstract and detailed estimates
2. Understand tendering procedures and documentation
3. Draft specifications and perform rate analysis for interior works
4. Prepare rate analysis for civil and interior works
5. Evaluate building valuation and apply innovative estimating techniques

UNIT-1	14 Hrs.
Estimation & Costing - Introduction, types of estimations, Introduction to costing, types, cost of materials. Estimation of Building - Stone walls, Brick walls, Residential Building - Wardrobe, TV UNIT, wall coverings, types of False ceiling and Modular Kitchen.	
UNIT-2	14 Hrs.
Rate analysis – Introduction, Types of rate analysis, Labor cost analysis, abstract estimate, procedure to draft report to accompany estimate, measurement book, and bills. Basic valuation - Introduction, Principles of valuation, Value and Cost value analysis, evaluation, recommendation and implementation, Audit.	
UNIT-3	14 Hrs.
Bill of Quantity (BOQ): Introduction, terminologies, advantages and disadvantages. Contract - Introduction, types, formation, contract conditions, problems, contract for labour, material, design and construction, drafting of contract documents, Interior contracts, arbitration and legal requirements.	
UNIT-4	14 Hrs.
Tenders: Introduction, types, advantages and disadvantages. Tender process, tender documentation, process of tendering, and awarding of tender.	

REFERENCES
1. Allison, Diana. <i>Estimating and Costing for Interior Designer</i> . Bloomsbury, 2021. ISBN: 9781501361111.
2. Chakraborti, M. <i>Estimating, Costing, Specification & Valuation in Civil Engineering</i> . 26th ed., Khanna Publishers, 2019. ISBN: 978-8193975206.
3. Dutta, B. N. <i>Estimating and Costing in Civil Engineering</i> . UBS Publishers Distributors Pvt. Ltd., New Delhi, 2014.
4. Dutta, B. N. <i>Estimating and Costing in Civil Engineering (Theory and Practice)</i> . UBS Publishers, 2016. ISBN: 978-8174767725.
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V Semester
B.Sc. Interior Design and Decoration
IDD 5.3 P Estimation, Costing and Specification for Interiors

IDD 5.3 P	Exam Hours: 03 Hrs.
Total Hrs.: 42	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. Differentiate between various types of estimation used in construction and interior projects.
2. Interpret market pricing trends and select suitable materials accordingly.
3. Analyse defects in wood and choose appropriate wood types for interior applications.
4. Calculate the cost of interior design works for residential, commercial buildings
5. Evaluate, select, and perform rate analysis of construction and interior materials.

UNIT-1	10 Hrs.
Draft a detailed specification for interior works including customized furniture. Preparation of specifications for wardrobe, modular kitchen, TV UNIT, and false ceiling, covering materials, finishes and execution standards.	
UNIT-2	10 Hrs.
Preparation of rate analysis for various interior items. Calculation of material quantities and labour cost for interior components. Estimation of interior works using spreadsheet programs for accurate cost computation.	
UNIT-3	10 Hrs.
Preparation of detailed estimation and Bill of Quantities (BOQ) for a residential project including: Civil works, plumbing works with fittings, electrical works with fittings, quantity take-off and structured BOQ preparation.	
UNIT – 4	12 Hrs.
Preparation of detailed estimation and BOQ for interior components of a residence including wardrobe, modular kitchen, TV UNIT, and false ceiling. Emphasis on accurate quantity calculation, rate application, and presentation.	

V Semester
B.Sc. Interior Design and Decoration
IDD 5.4 T Textiles and Accessories for Interiors

IDD 5.4 T	Exam Hours: 03 Hrs.
Total Hrs.: 56	Exam Marks: 80
Number of Theory Credits: 03	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
1. Understand fabrics and upholstery applications in interior spaces.
2. Gain knowledge of interior textiles and carpets for different areas.
3. Study the evolution and materials of sculpture art in interiors.
4. Examine traditional Indian arts and crafts used in interior design.
5. Develop creative skills in decorative and mural art forms.

UNIT-1	14 Hrs.
Fabrics for Interiors: Introduction, types, Classification and its application, importance, properties and applications of fabrics in interiors. Upholstery: Introduction, types, materials, skills and techniques. Seating - sofas, chairs, chair pads, cushions - fills. Textiles for living room - Introduction, types, and its applications	
UNIT-2	14 Hrs.
Textiles for doors and windows - Introduction, types, and its applications, Windows - sheer curtains, curtains, curtain drapes, curtain rods, and blinds. Textiles for kitchen and dining - table coverings, table mats, tablecloth, napkins, coaster, aprons, oven gloves. Bedroom linen - types of materials and applications in sheets, Pillowcases, blankets, mattress covers, dust ruffles. Bathroom linen - shower curtains, terry towels, bathrobes. Carpets and rugs: Introduction, types, materials and applications of carpets, floor mats, floor coverings. Care and maintenance of home textiles: Introduction, types, materials used for washing. Stain removal of upholstery, sofas, cushions, carpets, table linen, bedroom and bathroom linen.	
UNIT-3	14 Hrs.
Accessories in interiors - Introduction, Definition, types, materials used and its applications - wood, clay, stone, glass, metals and alloys. Traditional styles of design & decorations of artifacts and accessories of Northern, Eastern, Western and Southern states of India.	
UNIT-4	14 Hrs.
Creative Art for interiors - Introduction, materials, types and methods, application of wall hangings, wall art, murals and artificial water fall. Decorative arts - ceramic arts, sculpture. Degradable/non-degradable materials in Interior art.	

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V Semester
B.Sc. Interior Design and Decoration
IDD 5.4 P Textiles and Accessories for Interiors

IDD 5.4 P	Exam Hours: 03 Hrs.
Total Hrs.: 42	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. Develop a comprehensive fabric catalogue detailing fabric types, costs, and applications in upholstery, draperies, carpets, and bedding.
2. Design and create interior spaces incorporating fabric elements like sofas, bed coverings, cushions, blinds, and accessories with cost analysis.
3. Craft customized interior products such as dining table linens, window treatments, lampshades, and wall hangings using fabric.
4. Explore and apply traditional Indian art forms in interior decor through thematic wall frames, lampshades, and table accessories.
5. Conduct site visits to showrooms or handicraft clusters, documenting findings through detailed reports, sketches, and photographs.

UNIT-1	10 Hrs.
Catalogue Preparation - Collection of different types of fabrics used in interiors. Preparation of a detailed fabric catalogue with samples, specifications, and applications in interiors. Site visit to a furnishing showroom for market study and report submission.	
UNIT-2	10 Hrs.
Designing of living room, bedroom, and dining spaces incorporating fabric elements, selection of materials for sofa, bed coverings, cushions, blinds, curtains, and accessories. Preparation of a four-seater dining table linen set- table mat, napkins, and coasters. Designing and developing café curtains for a kitchen/Dining.	
UNIT-3	10 Hrs.
Design and creation of textile-based interior accessories products (Any Three): Lampshade, Textured Wall hanging, Decorative photo frame, curtain holders and pot holders.	
UNIT-4	12 Hrs.
Site visit to handicraft showroom and cluster, submission of detailed case study report with sketches and photographs.	

V Semester
B.Sc. Interior Design and Decoration
IDD 5.5 T Vernacular Architecture and Green Interiors

IDD 5.5 T	Exam Hours: 03 Hrs.
Total Hrs.: 56	Exam Marks: 80
Number of Theory Credits: 03	Internal Assessment: 20

Course outcomes: On successful completion of the course, the students will be able to
1. Understand the fundamentals of vernacular architecture and regional settlement patterns.
2. Analyse cultural and environmental influences on traditional architecture and interiors.
3. Examine traditional materials and sustainable construction practices.
4. Evaluate sustainable approaches through case studies and green design principles.
5. Apply vernacular and green building concepts to create sustainable interior spaces.

UNIT-1	14 Hrs.
Vernacular architecture – Introduction, definitions, classifications, geographical, and cultural factors. Study of tribal architecture in India covering settlement patterns, dwelling typologies, symbolism, materials, and construction techniques. Regional study of Konda and Santal tribes of Odisha, Gond and Bhil houses of Madhya Pradesh, and tribal settlements of Andhra Pradesh, Naga houses and Khasi houses.	
UNIT-2	14 Hrs.
Study of traditional building materials - mud, stone, bamboo, timber, thatch, lime, and brick, and construction techniques including wattle and daub, rammed earth, cob masonry, adobe construction, and stone masonry. Contributions of sustainable design pioneers such as Laurie Baker, Hasan Fathy, Anil Lul, Gerard Da Cunha, Ashok B Lal, Chitra Vishwanath, Mani and Sonali Rastogi.	
UNIT-3	14 Hrs.
Study of vernacular interiors – Nalukettu, Nair and Namboothiri houses, Koothambalam, Tarawads, Mappilah houses, Toda huts, Chettinad houses, Gutthu houses, Kodava Aynmane, and Totti Mane courtyard houses, and rural Kaccha houses, Bhunga and Haveli houses, desert settlements of Kutch, Pol houses, wooden havelis, Goan bungalows, Kutcha houses, Dhoongas, Ladakhi houses, Kinnaur houses rural and row houses of Punjab, Aat Chawla houses and Thakur Bari mansions and tribal houses of Odisha.	
UNIT 4	14 Hrs.
Green buildings- Introduction, definition, concepts and certification systems including Indian Green Building Council (IGBC), Leadership in Energy and Environmental Design (LEED), and Green Rating for Integrated Habitat Assessment (GRIHA). Study of green building technologies such as sustainable roofing systems, energy-efficient lighting, water-saving plumbing systems, smart energy management systems, eco-friendly finishes, green landscaping, and integration of smart technologies in interior environments.	

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V Semester
B.Sc. Interior Design and Decoration
IDD 5.5 P Vernacular Architecture and Green Interiors

IDD 5.5 P	Exam Hours: 03 Hrs.
Total Hrs.: 42	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. Apply green building principles by analyzing certified buildings (LEED, GRIHA, IGBC) and proposing sustainable interior solutions.
2. Design and develop a Prototype of a upcycled furniture integrating functionality, aesthetics, and environmental
3. Develop practical skills in mud, bamboo, lime, and related construction techniques through model making.
4. Evaluate and experiment with traditional and sustainable building materials.
5. Analyze and document vernacular architecture through site visits, measured drawings, and climatic studies.

UNIT-1	12 Hrs.
Submit a report – Site visit to any Vernacular building and submit a detailed report with photographs.	
UNIT-2	10 Hrs.
Certified Building Survey - Analysis of a building certified under: Leadership in Energy and Environmental Design (LEED), Green Rating for Integrated Habitat Assessment (GRIHA), Indian Green Building Council (IGBC). Submit a detailed report with photographs.	
UNIT-3	10 Hrs.
Visit to cottage industry and submit a report on traditional furniture with details of materials, workmanship and support with photographs.	
UNIT-4	10 Hrs.
Submit a detailed report on sustainable building design developed by any one of the following designers - Laurie Baker, Hasan Fathy, Anil Laul, Gerard Da Cunha, Ashok B Lal, Chitra Vishwanath, Mani and Sonali Rastogi.	

V Semester
B.Sc. Interior Design and Decoration
IDD 5.6 P Interior Design-Residence

IDD 5.6 P	Exam Hours: 03 Hrs.
Total Hrs.: 42	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. Apply fundamental design principles in residential interiors.
2. Analyze residential spaces to optimize layout, functionality, and user requirements.
3. Select appropriate materials, finishes, and furnishings based on aesthetic and functional needs.
4. Plan and implement effective lighting strategies to enhance comfort and ambiance.
5. Present residential design concepts using traditional drafting and digital visualization tools.

UNIT 1	10 Hrs.
Study of different types of residences (apartment, villa, independent house, duplex, studio, etc.)	
UNIT 2	10 Hrs.
Literature Study & Case Study - different types of residences (any two) Develop a report of analysis of planning, materials, lighting, furniture layout, circulation plan, zoning. Documentation through drawings, photographs, and reports.	
UNIT 3	10 Hrs.
Research & Pre-Design Stage of residence - Concept development and theme selection, Preparation of mood board, Spatial planning and layout design, Schematic design and rough sketches, Floor plans and working drawings.	
UNIT 4	12 Hrs.
Final Residential Design Project – Development of elevations, material selection and finishes, furniture layout and detailing, lighting layout, plumbing layout, 3D modelling and rendered views, Walkthrough and Final portfolio submission.	

S

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V Semester
B.Sc. Interior Design and Decoration
IDD 5.7– Internship

IDD 5.7	Exam Hours: 03 Hrs.
Duration – One Month	Exam Marks: 80 (30 Viva voce & 50 Report)
Number of Credits: 3	Internal Assessment: 20

Objectives

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

1. Understand the professional structure and workflow of an interior design organization.
2. Apply classroom knowledge to real-time interior projects and site execution.
3. Analyze industry practices, coordination processes, and project management methods.
4. Identify practical challenges in the workplace and suggest appropriate solutions.
5. Prepare and present a structured internship report documenting professional learning.

Internship shall be carried out in an Interior Design Firm / Architectural Firm / Interior Execution Company / Furniture Manufacturing UNIT / Modular Kitchen Studio / Design Consultancy for a minimum period of 30 days after completion of IV Semester.

The completed internship report must be submitted before the commencement of the V Semester examination.

Internship evaluation will be based on report submission and viva-voce examination.

The Internship Report should include the following:

- Aim and Objectives of Internship
- Company Profile and Organizational Structure
- Nature of Projects Undertaken
- Process Flowchart / Sequence of Interior Project Execution
 - Client briefing
 - Site analysis
 - Concept development
 - Design development
 - Working drawings
 - Material selection
 - Site supervision and execution
- Role and Responsibilities of Different Departments
 - Design team
 - Drafting team
 - Site supervision
 - Procurement and vendor coordination
 - Accounts and project management
- Personal Work Experience and Learning Outcomes
- Challenges Faced and Solutions Proposed
- Summary and Conclusion
- Appendices (Drawings, Photographs, Certificates, Work Samples)
- References

VI Semester
B.Sc. Interior Design and Decoration
IDD 6.1 T – Professional Practice

IDD 6.1 T	Exam Hours: 03 Hrs.
Total Hrs.: 56	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.	Understand the role, responsibilities, and professional scope of an Interior Designer in relation to society, industry, and regulatory frameworks.
2.	Demonstrate understanding of professional ethics, code of conduct, client relationships, and fee structures in interior design practice.
3.	Interpret and apply principles of tendering, contract documentation, and project administration in professional interior projects.
4.	Analyze various types of contracts, billing procedures, and statutory regulations including taxation and legal provisions applicable to Interior Designers.
5.	Evaluate contract-related issues, supervise project execution, and identify appropriate methods for dispute resolution in interior design practice.

UNIT-1	14 Hrs.
Professional practice – Introduction, definition, Role of Interior Designer, Interior Design profession and its distinction from trade and business, role of professional bodies. Engagement duties of Interior Designer, coordination with consultants and contractors, types of firms and organization. Code of Professional Conduct, scale of charges, inspection and certifications, overview of legal provisions.	
UNIT-2	14 Hrs.
Clients and Tendering – Introduction, definition, Types of clients, fee structures and billing methods, tax liabilities. Introduction to tendering, types of tenders, tender documents and procedures, award of tender, EMD, security deposit, retention, mobilization advance, arbitration and issues in tendering.	
UNIT-3	14 Hrs.
Contracts & Office Administration – Introduction, Principles, types of contracts, contract documentation. Bill of Quantities, Clerk of Work, establishing and managing an Interior Design office, statutory registrations, accounting procedures, scale of fees, stages of payments and record management.	
UNIT-4	14 Hrs.
Administration and Dispute Resolution - Termination of contract, certificates of value and quality, virtual and final completion, defects liability period, latent and patent defects, liquidated and unliquidated damages, extension of time and penalties, variations, prime cost and provisional sums, site supervision and coordination, bill checking, quality auditing, handover procedures, types of disputes in interior projects and Interior Designer's role in dispute resolution.	

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VI Semester
B.Sc. Interior Design and Decoration
IDD 6.2 P Interior Journalism

IDD 6.2 P	Exam Hours: 03 Hrs.
Total Hrs.: 42	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. Create and design emerging media products including blogs, digital photography, digital video, and multimedia content related to interior design.	
2. Produce well-structured mass media content such as articles, reports, and critical essays in the field of Interior Design.	
3. Deliver effective design presentations and function as critical reviewers of interior and architectural works.	
4. Apply communication theories and research methodologies to academic and professional writing.	
5. Critically analyze, document, and publish content related to historical and contemporary interior journalism.	

UNIT 1	10 Hrs.
Idea formulation and writing – Documenting interior design, architecture, and design culture with respect to journalism.	
UNIT 2	10 Hrs.
Writing Techniques in Interior Journalism: Designing double-page spreads for magazines using the 5 W's and 1 H.	
UNIT 3	10 Hrs.
Documentation of Interior Design Projects and present a photo journal article.	
UNIT 4	12 Hrs.
Submission of the article/blog/report to an online publication or open call platform, compiled portfolio, proof of submission to the publication platform.	

REFERENCES
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VI Semester
B.Sc. Interior Design and Decoration
IDD 6.3 T Interior Landscaping

IDD 6.3 T	Exam Hours: 03 Hrs.
Total Hrs.: 56	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. Understand the principles and elements of interior landscaping, including the role of plants, lighting, and environmental factors in enhancing interior spaces.	
2. Develop sustainable interior landscape designs incorporating eco-friendly practices such as water conservation, low-maintenance planting, and energy-efficient systems.	
3. Identify and select appropriate indoor plants based on light, temperature, humidity, aesthetic appeal, and maintenance requirements.	
4. Integrate aesthetic and functional aspects of interior landscaping to enhance spatial quality and occupant comfort.	
5. Assess the physical and psychological benefits of interior landscaping using concepts such as biophilic design and well-being enhancement.	

UNIT 1	14 Hrs.
Landscaping- Introduction, terminology, principles, typologies, advantages and disadvantages in interior and exterior spaces. Elements of landscape design - landform, plant material, water features, paving, lighting, and site furniture. Strategies and concept development, psychological effects and the importance of incorporating plants within built environments.	
UNIT 2	14 Hrs.
Interior Landscaping and Indoor Plants - Introduction, factors influencing design decisions such as space function, light availability, climate control, and maintenance. Vertical gardening systems and their application in residential and commercial interiors and exteriors. Study of indoor plants, types, classification, characteristics, and maintenance requirements. Selection of air-purifying and medicinal plants suitable for interior spaces, with emphasis on sustainability and user comfort.	
UNIT 3	14 Hrs.
Plant Care Systems and Floral Design – Introduction, types, plant spacing, common plant disorders and care. Flower arrangements – Introduction, fundamentals of flower arrangements, types of flowers, styles of arrangements for homes, offices, and hotels, and selection of appropriate containers.	
UNIT 4	14 Hrs.
Water Features and Planters - Introduction to artificial waterfalls and fountains, their types, benefits, and maintenance requirements. Study of planters, types based on materials - terracotta, metal, ceramic, concrete, and fibre. Care and maintenance practices, planter boxes.	

REFERENCES
1. Alex, R., and Sudhadevi. <i>Interior Plant Scaping and Foliage Ornamental Plants</i> . LAP Lambert Academic Publishing, 2013.
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VI Semester
B.Sc. Interior Design and Decoration
IDD 6.3 P Interior Landscaping

IDD 6.3 P	Exam Hours: 03 Hrs.
Total Hrs.: 42	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 the concepts of interior landscaping in interior spaces.
2. Evaluate indoor sites considering environmental factors such as light, humidity, and ventilation for appropriate plant selection.
3. Design and execute indoor landscape proposals, including plant selection, layout planning, and basic cost estimation.
4. Demonstrate practical skills in the installation and maintenance of indoor plants, including identification and correction of common plant problems.
5. Conduct market surveys and prepare professional reports related to plant materials and landscaping accessories.

UNIT 1	10 Hrs.
Indoor Plants - Identification of ornamental, medicinal, and air-purifying plants, sketching and labelling of indoor plants, Prepare a report on indoor plants and their benefits.	
UNIT 2	10 Hrs.
Plan a terrace gardening for residence and vertical gardening UNIT for commercial spaces.	
UNIT 3	10 Hrs.
Design a courtyard for a bungalow and suggest plants. Develop a working model for Table-Top Landscape with suitable plants, Design and develop multi-potholder/display UNIT, documents the materials used and present the complete model.	
UNIT 4	12 Hrs.
Visit to plant nursery - study of plant varieties, pricing, characteristics, and maintenance. Prepare and submit a report with photography.	

VI Semester
B.Sc. Interior Design and Decoration
IDD 6.4 T Vaastu in Interiors

IDD 6.4 T	Exam Hours: 03 Hrs.
Total Hrs.: 56	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. Understand the fundamentals of Indian Vaastu Shastra and apply its basic principles in interior design.
2. Develop design strategies for residential and commercial spaces based on Vaastu guidelines.
3. Integrate Feng Shui principles and decorative elements within residential interiors.
4. Apply basic and advanced Vaastu principles in planning and renovation projects.
5. Design interior spaces that harmonize spatial planning, orientation, color, and energy principles based on Vaastu concepts.

UNIT 1	14 Hrs.
Vaastu – Introduction, meaning, origin, definition and elements of Vaastu. Principles and scientific relevance of Vaastu in the built environment. Study of water sources, landmarks, surroundings, plot location, and shape. Use of magnetic compass and digital tools such as Google Earth for identifying cardinal directions. Four-step analysis method in Vaastu. Importance of colors in Vaastu Shastra, its relationship with the five elements (Pancha Bhootas) and sixteen directions.	
UNIT 2	14 Hrs.
Application of Vaastu principles in residential Vaastu Design - Orientation and placement of buildings on site, Planning and placement of Vaastu in residential UNITs - villas, flats, and apartments—living room, bedrooms, toilets, kitchen, dining room, pooja room, storeroom, staircase, lift, entrances, garage, septic tank, sump, and overhead tank. Benefits of Vaastu-compatible residence.	
UNIT 3	14 Hrs.
Application of Vaastu principles in commercial spaces such as factories, industries, showrooms, schools, hospitals/clinics, restaurants, and offices. Spatial planning for office rooms, staff rooms, conference rooms, storerooms, HR rooms, executive cabins, stock areas, factory floor, and security cabins as per Vaastu norms. and Benefits of Vaastu-compatible commercial establishments.	
UNIT 4	14 Hrs.
Feng Shui Applications – Introductions, definitions, Principles- Yin & Yang, Qi, and their techniques, and treatments. Feng Shui remedies- Introduction, types - Feng Shui, pyramids, crystals, artifacts, and accessories—their significance and application in interiors. Application of Feng Shui elements as decorative accessories such as mirrors, glass elements, water features, sculptures, ornaments, and greenhouses/open structures to enhance spatial harmony.	

REFERENCES	
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VI Semester
B.Sc. Interior Design and Decoration
IDD 6.5 P Interior Design-Retail

IDD 6.5 P	Exam Hours: 03 Hrs.
Total Hrs.: 42	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. Apply fundamental design principles in retail interiors.
2. Plan retail spaces to enhance circulation and customer experience.
3. Select suitable materials and finishes based on brand and budget.
4. Design effective lighting and visual merchandising strategies.
5. Incorporate sustainable practices in retail interior projects.

UNIT 1	10 Hrs.
Visit a retail store and study design, identification of retail zones, displays, circulation, billing, storage, trial rooms, Study of layout analysis and merchandising boards.	
UNIT 2	10 Hrs.
Literature & Case Study: Literature study and case study of various retail space and submit detailed report with photographs.	
UNIT 3	10 Hrs.
Design a retail store - Site analysis and space evaluation, functional zoning and circulation planning, mood board preparation, concept development and preliminary sketches, planning, zoning, elevation and budget estimation.	
UNIT 4	12 Hrs.
Development of complete portfolio with branding integration, detailed space planning, material suggestion, lighting design, preparation of working drawings, 3D modelling, rendered views, and final walkthrough.	

VI Semester
B.Sc. Interior Design and Decoration
IDD 6.6 T Interior Business Startup

IDD 6.6 T	Exam Hours: 03 Hrs.
Total Hrs.: 56	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. Create and promote a professional brand identity for an interior design business by clearly defining services and market positioning.	
2. Develop entrepreneurial skills that balance creative opportunities with financial stability.	
3. Analyze revenue, expenses, and profitability to determine break-even and financial feasibility.	
4. Develop effective marketing objectives and strategies to reach target clients.	
5. Understand legal, financial, managerial, and operational procedures required to establish and sustain an interior design enterprise.	

UNIT 1	14 Hrs.
Entrepreneurship & Enterprises - Introduction, definition, benefits, Conceptual understanding of entrepreneur, entrepreneurship, and enterprise. Difference between entrepreneurship and management. Entrepreneurial motivation, performance, and role in enterprise and economy. Sources of business ideas and identification of entrepreneurial opportunities. Process of setting up a business. Skills required to become an entrepreneur, psychological traits, and driving forces.	
UNIT 2	14 Hrs.
Interior Startups – Introduction, definitions, types, Concept of startup - Idea generation through brainstorming and ideation. Venture choices and startup models. Entrepreneurship in India and government initiatives supporting startups- MSME. Identification of project financing, venture promotion, opportunity analysis, and project selection. Legal requirements for establishing a new business UNIT, Capital structuring, resource mobilization, management practices, Types of finance - loans, overrun finance, bridge finance, and venture capital. Procedure for approaching financial institutions.	
UNIT 3	14 Hrs.
Opportunities in small business enterprises and identification of business opportunities in different sectors- Formalities for setting up small enterprises. Role of institutions such as MSME, EDII, SIDO, NSIC, and NIESBUD. Feasibility analysis including cost estimation and capital raising process. Equity funding, debt financing, bootstrapping, crowdfunding, and strategic alliances. Support systems for growth and sustainability.	
UNIT 4	14 Hrs.
Entrepreneurial Skill Sets – Introduction, Definition, types and classification of entrepreneurs. Traits, characteristics, and features of successful entrepreneurs. Women entrepreneurship and role of women entrepreneurs in India. Awareness about Entrepreneurial Development Programmes (EDP) - Concept, need, phases, curriculum, and support systems of EDP. Institutions conducting EDPs in India.	

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VI Semester
B.Sc. Interior Design and Decoration
IDD 6.7 P Design for Special Needs

IDD 6.7 P	Exam Hours: 03 Hrs.
Total Hrs.: 42	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.	Analyse the spatial, behavioural, and sensory needs of individuals special needs.
2.	Develop inclusive interior design solutions by applying universal design principles and barrier-free planning standards.
3.	Integrate acoustic design strategies and assistive technologies to enhance comfort, communication, and functionality in enclosed spaces.
4.	Select appropriate materials, lighting, color schemes, and spatial layouts that support safety, accessibility, and user independence.
5.	Prepare comprehensive design proposals for special needs environments demonstrating sensitivity, functionality, and compliance with accessibility guidelines.

UNIT 1	12 Hrs.
Design Approach for Autism - Case study on autism spectrum disorder (ASD), Understanding sensory sensitivities (light, sound, texture, colors), Study of spatial zoning and structured environments, Design of sensory rooms and calming spaces with selection of colours, materials, lighting, Acoustic control strategies, Safety and behavioural considerations in planning, Prepare a detailed design proposal for autism-friendly spaces with report.	
UNIT 2	10 Hrs.
Design Approach for Hearing Impaired: Case study analysis for hearing-impaired users, Study of communication needs and visual accessibility, Importance of lighting for lip-reading and sign language, Use of visual alarms and vibration alert systems, Spatial openness and clear sight lines, Design proposal focusing on visual communication enhancement. Prepare a detailed design proposal for Hearing Impaired design proposal spaces with report.	
UNIT 3	10 Hrs.
Design Approach for Visually Impaired: Case study analysis for visually impaired users, Study of tactile flooring and wayfinding systems, Use of Braille signage and raised symbols, Contrast and colors coding for navigation, Lighting design for low-vision users, Barrier-free circulation planning, Safety features and intuitive layout planning, Prepare a detailed design proposal for Visually Impaired design proposal spaces with report.	
UNIT 4	10 Hrs.
Design Approach for Differently-abled: Case study analysis for mobility-impaired users, Barrier-free planning principles, Ramp design and slope standards, Accessible toilet design and grab bar placement, Wheelchair turning radius and circulation space planning, Ergonomic furniture selection, Universal design principles application, Preparation of accessibility-focused design proposal for commercial spaces, Prepare a detailed design proposal for differently – abled design proposal spaces with report.	

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5. Mace, Ronald L., and Elaine Ostroff. *Universal Design: Creating Inclusive Environments*. Wiley, 2012. ISBN: 978-0470399132.
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VI Semester
B.Sc. Interior Design and Decoration
IDD 6.8 P Portfolio Development

IDD 6.8 P	Exam Hours: 03 Hrs.
Total Hrs.: 42	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. Design and develop an industry-accepted resume and professional portfolio.
2. Understand various methods and formats of portfolio building,
3. Create a strong and creative portfolio suitable for internships and job placements.
4. Present projects effectively through design statements, concept boards, and visual documentation.
5. Develop a professional online portfolio showcasing projects, skills, and freelance work.

UNIT-1	10 Hrs.
Project Portfolio - Development of detailed portfolio with drawings, execution details. Development of model- selection of materials and finishing techniques and renderings, documentation of design process from concept to completion, inclusion of project in URL (online portfolio link).	
UNIT-2	10 Hrs.
Furniture Design Portfolio – Prepare a personal portfolio using industry standards, compilation of furniture design projects, presentation of technical drawings and 3D visuals, highlighting skills and software proficiency, documentation of freelance work for companies/organizations. Creating a professional online portfolio with URL, Submit final portfolio in print & digital format.	
UNIT-3	10 Hrs.
Brochure Design: Design a brochure for a product or project, working with multi-page brochure. Design a visiting card for Self with logo. Submit a colour printed brochure& visiting card.	
UNIT-4	12 Hrs.
Professional Resume & Cover Letter: Prepare and design a professional resume with Industry standard format, with effective cover letters for Interior design industries/firms. Create a digital presentation formats PDF / Online format, structuring a portfolio layout, concept boards, organising transitions and user experience within portfolio.	

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VI Semester
B.Sc. Interior Design and Decoration
IDD 6.9 – Research Project

IDD 6.9	Exam Hours: 03 Hrs.
Number of Credits: 3	Exam Marks: 80 (30 Viva voce & 50 Report)
	Internal Assessment: 20

Objectives
Course outcomes: On successful completion of the course, the students will be able to
1. Understand the importance and scope of research in Interior Design and Decoration.
2. Formulate clear research aims and objectives related to interior design.
3. Design questionnaires and research tools for data collection.
4. Analyze and interpret research data using appropriate methods.
5. Prepare and present a structured research report.

Research projects can be carried out in following fields such as:

- Interior Design Practices and Trends
- Sustainable Interior Design
- Green Buildings and Eco-friendly Materials
- Space Planning and Ergonomics
- Lighting Design and Human Comfort
- Residential Interior Studies
- Commercial and Retail Interior Design
- Universal Design and Accessibility
- Smart Homes and Technology in Interiors
- Consumer Preferences in Interior Spaces
- Furniture Design and Material Innovations
- Art, Craft, and Interior Applications
- Any other relevant field related to Interior Design and Decoration

The project report shall include:

- Introduction
- Aim and Objectives
- Research methodology
- Questionnaire and validation details
- Data analysis and interpretation
- Findings, conclusions, and suggestions
- References

The student must submit a detailed Research project report furnishing all the details before the commencement of VI semester examination.

Outline for Continuous Assessment

Theory

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

Practical

Activity	C1	C2	Total
Test/ Performance	05	-	05
Activity/ Field Visit	-	05	05
Total	05	05	10

Internship

Daily report	10
Seminar/Presentation	10
Total	20

Research Project

Research Proposal	10
Seminar/Presentation	10
Total	20

QUESTION PAPER PATTERN (Theory)
V/VI Sem. B.Sc. Examination
(2026-27 Onwards)
INTERIOR DESIGN AND DECORATION
Paper code and Title of the paper

MAX MARKS-80

TIME: 3Hrs

Instructions to the Candidates:

- 1. All sections are compulsory*
- 2. 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)
V/VI Sem. B.Sc. Examination
(2026-27 Onwards)
INTERIOR DESIGN AND DECORATION
Paper code and Title of the paper

MAX MARKS-40

TIME: 3 Hrs

Instructions to the Candidates:

- 1. All the questions are compulsory**

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