



ST. FRANCIS COLLEGE

Koramangala

Affiliated to Bengaluru City University

DEPARTMENT OF SCIENCE

B.Sc - IDD (Interior Design & Decoration)

2019-20 ONWARDS (CBCS SCHEME)

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs):

PEO 1. Develop a deep understanding of the various parameters that inform the practice of interior design.

PEO 2. Develop an understanding of how history, cultural and community inform the practice of interior design.

PEO 3. To identify issues faced by the current interior design industry and to provide solutions that are innovative and ergonomic.

PROGRAMME OUTCOMES (POs):

PO 1. Design Concept :

Develop a comprehensive design concept based on creative problem solving research including viable space planning using industry standards.

PO 2. Critical thinking (Mind mapping) :

Using critical thinking strategies generate an appropriate furniture, fixture and materials selection considering applicable codes and sustainability (social responsibility)

PO 3. Computer Aided Design :

Produce a presentation of a fully integrated design project that utilizes utilizing visualization software comparable to professional industry standards

PO 4. Design justification :

Compose written justification of project designs and verbally communicate design solutions in presentations in an effective and professional manner

PO 5. Psychological Skill Training :



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Demonstrate soft skills including collaboration, creating a positive impact on the classroom , positive attitude and work ethic , accepting/applying feedback to project outcome self-direction and follow-through

PO 6. Documentation of Design Projects :

Create a full set of design documents for an interior design project.

PO 7. Anthropometry and Ergonomics :

Produce three-dimensional spatial designs that effectively and creatively incorporate principles of anthropometry, health, safety, and welfare.

PO 8. Material Understanding :

Produce three-dimensional spatial designs that effectively and creatively incorporate fundamental structural considerations, structural systems and materials, and non-structural (finish) materials

PO 9. Hands-on experience:

To provide hands on experience on building services such as electrical, plumbing, rain water harvesting, sanitation, heating, ventilation, air conditioning, acoustics, damp proofing, fire and termite proofing.

PO 10. Analytical skills:

To equip the students with competencies like problem solving, analytical reasoning and moral and ethical awareness

PO 11. Professional ethics:

Inculcate human values, professional ethics, and the spirit of innovation/entrepreneurship and critical thinking among students.

PO 12. Social welfare:

Trained to enhance the function and quality of interior spaces for the purpose of improving the quality of life, increasing productivity, and protecting the health, safety, and welfare of the public.



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PROGRAMME SPECIFIC OUTCOMES (PSOs):

PSO 1. Understand various materials and their processes, along with new innovative technological and digital mediums that help in interior design practice.

PSO 2. Undertake collaborative projects, field visits and gain experience through industry exposure supported by the institute.

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DEPARTMENT OF SCIENCE

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COURSE OUTCOMES (Cos)

2019-20 ONWARDS (CBCS SCHEME)

I SEM B.Sc (IDD)

ID103 A -INTERIOR DESIGN I - FUNDAMENTALS(Theory)

CO1 : To understand the concept of elements and principles of design

CO2 : To learn the basics of art element, principles and their applications in the creation of new design.

ID103 B-INTERIOR DESIGN I - FUNDAMENTALS(Practical)

CO1 : To understand the concept of elements and principles of design

CO2 : To learn the basics of art element, principles and their applications in the creation of new design.

ID104 A -CONSTRUCTION MATERIALS – I (Theory)

CO1 :To know the basic materials used in construction

CO2 :To understand the methods of its usage in interiors

ID104 B-CONSTRUCTION MATERIALS – I (Practical)

CO1 :To know the basic materials used in construction

CO2 :To understand the methods of its usage in interiors



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ID105- A 2D AND 3D GRAPHICS(Theory)

CO1 : To enable students to learn the different views of an object

CO2 : To develop skills to make various projections

ID105- B 2D AND 3D GRAPHICS (Practical)

CO1 : To enable students to learn the different views of an object

CO2 : To develop skills to make various projections

FC : ENVIRONMENTAL STUDIES

CO1. To understand the key environmental policies.

CO2. To study the core concepts of ecology and physical science.

CO3. To understand environmental issues and solutions.

CO4. To apply policies to analyse the interactions between social and environmental process.

II SEM B .Sc (IDD)

ID203 A :INTERIOR DESIGN II – COLOURS(Theory)

CO1 : To enable the students to gain in-depth knowledge of colour and colour .

CO2 : To understand the importance of colour in interiors

ID203 B :INTERIOR DESIGN II – COLOURS(Practical)

CO1 : To enable the students to gain in-depth knowledge of colour and



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colour .

CO2 : To understand the importance of colour in interiors

ID204 A :CONSTRUCTION MATERIALS - II(Theory)

CO1 : To understand the various materials used in construction

CO2 : To learn the methods and techniques of interior construction

ID204 B :CONSTRUCTION MATERIALS – II (Practical)

CO1 : To understand the various materials used in construction

CO2 : To learn the methods and techniques of interior construction

ID205 A : HISTORY OF INTERIORS(Theory)

CO1 :To analyze various art forms and understand their application in interiors .

CO2 : To study the History and its influences on social and cultural aspects on interior design

ID205 B : HISTORY OF INTERIORS (Practical)

CO1 :To analyze various art forms and understand their application in interiors .

CO2 : To study the History and its influences on social and cultural aspects on interior design

FC : INDIAN CONSTITUTION

CO1 :Understanding the philosophy of the constitution and its structure

CO2 :Measuring the powers and functions of various powerful people of government

CO3 :To understand and appreciate the role of constitution in democracy



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III SEM B .Sc (IDD)

ID303 A : INTERIOR DESIGN III - SPACE PLANNING(Theory)

CO1 : To enable the students to learn the concept of space in interior design

CO2 : To understand the importance of space planning

ID303 B : INTERIOR DESIGN III - SPACE PLANNING(Practical)

CO1 : To enable the students to learn the concept of space in interior design

CO2 : To understand the importance of space planning

ID304 A : CONSTRUCTION AND DETAILING (Theory)

CO1 : To enable the students understand the construction in detail

CO2 : To learn about the specific materials in construction

ID304 B: CONSTRUCTION AND DETAILING (Practical)

CO1 : To enable the students understand the construction in detail

CO2 : To learn about the specific materials in construction

ID305 A : INTERIOR SERVICES I - LIGHTING (Theory)

CO1 : To enable the students to understand basic principles of illumination and application of natural lighting in interiors

CO2 : To understand different types of lighting and fixtures used in interiors

ID305 B : INTERIOR SERVICES I - LIGHTING (Practical)

CO1 : To enable the students to understand basic principles of illumination and application of natural lighting in interiors

CO2 : To understand different types of lighting and fixtures used in interiors



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OE :CULTURE AND DIVERSITY

CO 1. analyze understand the rich diversity in Indian society and culture. To help them address the contemporary challenges before Indian society like communalism, ethnocentrism, and gender discrimination.

CO 2. evaluate and develop in them the secular values of tolerance, communal amity and peaceful coexistence. To help them address the contemporary challenges before Indian society like communalism, ethnocentrism, and gender discrimination.

CO 3. choose and understand the problems of rural society. Contemporary Challenges before Indian Society. The youth are reminded that they have a key role to play in the promotion of national integration, and in promoting the unity and integrity of the country. To develop in them the secular values of tolerance, communal amity, and peaceful coexistence.

IV SEM B .Sc (IDD)

ID403 A : INTERIOR DESIGN IV - WORKING DRAWING (Theory)

CO1 :To learn the techniques of detailed drawing for interior design

CO2 :To apply and provide various services in the building and learn the working drawing

ID403 B: INTERIOR DESIGN IV - WORKING DRAWING (Practical)

CO1 :To learn the techniques of detailed drawing for interior design

CO2 :To apply and provide various services in the building and learn the working drawing

ID404 A : INTERIOR SERVICES II - PLUMBING, SANITATION, HVAC AND FIRE SAFETY (Theory)

CO1 : To enable the students to understand the basic principles of drainage and water supply in buildings

CO2 :To learn calculations and connections for water supply and sanitation



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ID404 B : INTERIOR SERVICES II - PLUMBING, SANITATION, HVAC AND FIRE SAFETY (Practical)

CO1 : To enable the students to understand the basic principles of drainage and water supply in buildings

CO2 : To learn calculations and connections for water supply and sanitation

ID405 : CAD IN INTERIORS – I

CO1 : Proficient Use of CAD Software: Students will effectively utilize CAD software to create accurate and detailed floor plans, elevations, and sections for interior design projects, demonstrating their ability to translate conceptual designs into digital representations.

CO2 : Enhanced Design Communication: Students will develop skills to present and communicate interior design ideas through professional-quality CAD drawings, enabling them to convey design intent clearly and effectively to clients and stakeholders.

V SEM B .Sc (IDD)

ID501 : CONSTRUCTION MANAGEMENT

CO1 : To provide an insight into management of building involving finance and human resource

CO2 : To learn about concepts and application of management in interior design

ID502 A : ESTIMATION, COSTING AND SPECIFICATION FOR INTERIORS (Theory)

CO1 : To enable the students to understand the concept of estimation and costing for interiors .

CO2 : To analyze various components based on specification



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ID502 B: ESTIMATION, COSTING AND SPECIFICATION FOR INTERIORS (Practical)

CO1 :To enable the students to understand the concept of estimation and costing for interiors .

CO2 : To analyze various components based on specification

ID503 A:INTERIOR DESIGN V - TEXTILES AND ACCESSORIES FOR INTERIORS (Theory)

CO1 : To know the types of fabrics and accessories used in interiors

CO2 : To incorporate its applications in interiors

ID503 B:INTERIOR DESIGN V - TEXTILES AND ACCESSORIES FOR INTERIORS(Practical)

CO1 : To know the types of fabrics and accessories used in interiors

CO2 : To incorporate its applications in interiors

ID504 : CAD IN INTERIORS - II

CO-1 Perform basic to intermediate image correction to existing images.

CO-2 Work with the type tools and panels to type, insert and manage text.

CO-3 Work with 3D modelling tools, layers and masks to manage projects efficiently

CO-4 Work with industry standard libraries.

ID505 A : MODEL MAKING AND FURNITURE DESIGN (Theory)

CO1 : To enable the students to learn about the types and importance of furniture, know about the selection, care and arrangement of furniture.

CO2 : To learn product development.



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ID505 A : MODEL MAKING AND FURNITURE DESIGN (Practical)

CO1 : To enable the students to learn about the types and importance of furniture, know about the selection, care and arrangement of furniture.

CO2 : To learn product development.

ID506 :INTERNSHIP

CO1 : To enable the students to pursue an in-depth study in any area of special interest.

VI SEM B .Sc (IDD)

ID601 : PROFESSIONAL PRACTICE IN INTERIOR DESIGN

CO1 : To enable the students to understand the professional practice

CO2 : To learn the rules and regulations of professional practice in interior design

ID602A : INTERIOR SERVICES III - ACOUSTICS (Theory)

CO1 : To enable the students to understand the basic principles of acoustical insulation to interior spaces

CO2 : To learn various methods to manage sound

ID602B : INTERIOR SERVICES III - ACOUSTICS (Practical)

CO1 : To enable the students to understand the basic principles of acoustical insulation to interior spaces

CO2 : To learn various methods to manage sound



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ID603A : INTERIOR DESIGN VI - SUSTAINABLE DESIGN

CO1 : To sensitize students about need for environmental design

CO2 : To study the various factors involved in environmental and sustainable buildings

ID603B : INTERIOR DESIGN VI - SUSTAINABLE DESIGN(Practical)

CO1 : To sensitize students about need for environmental design

CO2 : To study the various factors involved in environmental and sustainable buildings

ID604A PORTFOLIO DESIGN FOR INTERIORS (Theory)

CO1 : To impart skills for portfolio preparation

CO2 : To enable students to understand the importance of portfolio and presentation

ID604B PORTFOLIO DESIGN FOR INTERIORS (Practical)

CO1 : To impart skills for portfolio preparation

CO2 : To enable students to understand the importance of portfolio and presentation

ID605 A : INTERIOR LANDSCAPING (Theory)

CO1 : To understand the importance of plants in interiors Internal Assessment:

CO2 : To enable the students to learn the principles of landscape gardening

ID605 B : IIINTERIOR LANDSCAPING (Practical)

CO1 : To understand the importance of plants in interiors Internal Assessment:

CO2 : To enable the students to learn the principles of landscape gardening



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ID606 PROJECT

CO1 : To enable the students to work on a theme based project with portfolio containing the details of the project, costing, material used, design plan and other necessary details of interior services like lighting, HVAC, sanitation, plumbing and landscaping.

SDC : ENTREPRENEURSHIP AND INNOVATION

CO1 . The students will be able understand the nature and concepts of entrepreneurship.

CO 2. Analyses the impact of Make in India, Start-up India and Mudra Bank.

CO 3. Understand the business ideas and innovative techniques.

CO 4. Develops innovative business plans and strategies among students.

CO 5. Explain the process of business projects reports.



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