



RAJIVGANDHIPROUDYOGIKIVISHWAVIDYALAYA, BHOPAL

Scheme of Studies & Examinations for the FIRST SEMESTER

Implemented from Session: JULY-2025

NAME OF THE PROGRAME- INTERIOR DESIGN

IV SEMESTER

PAPER CODE/ SUBJECT CODE	COURSE TITLE	THEORY COMPONENT								PRACTICAL COMPONENT					TOTAL CREDIT	GRAND TOTAL OF MARKS	
		LECTURE Hrs. Per Week	TERM WORK QUIZ, ASSIGNMENT	MIDTERM TESTS (BEST TWO OUT OF THREE)		THEORY PAPER			THEORY CREDIT	PRACTICAL Hrs. Per Week	CONTINUOUS EVALUATION	END OF THE TERM / SEMESTER EVALUATION					PRACTICAL CREDIT
				I	II	NO.	MARKS	DURATION (Hrs)				LAB. WORK QUIZ, ASSIGNMENT	PRACTICAL / ORAL EXAMINATION (VIVA)				
7762/401	INTERIOR SERVICE III	02	10	10	10	01	70	03	02	-	-	-	-	-	-	02	100
7763/402	INTERIOR PROFESSIONAL PRACTICE	02	10	10	10	01	70	03	02	-	-	-	-	-	-	02	100
403	INTERIOR DESIGN III	-	-	-	-	-	-	-	-	08	40	01	60	03	04	04	100
404	INTERIOR WORKING DRAWING	-	-	-	-	-	-	-	-	06	40	01	60	03	03	03	100
405	DISSERTATION	-	-	-	-	-	-	-	-	02	40	01	60	03	01	01	100
	TOTAL	04							04	16					08	12	500

Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal

DIPLOMA IN INTERIOR DESIGN

IV Semester (COA) For batches admitted in (i.e. September, 2023) as per COA

SCHEME OF EXAMINATION																			
Diploma in Interior Design, Second Year, IV Semester																			
S.No	Subject Code	Subject Name	Paper Code	Maximum Marks Allotted												Total Credits	Total Marks		
				Theory Slot								Practical Slot							
				Hours per week	Continuous Evaluation			End Sem Evaluation			Credits	Hours per week	Continuous Evaluation	End Sem Evaluation				Credits	
					Term Work/Quiz Assignment	Mid Term		Theory Paper		Practical Exam									
						I	II							No.					
1	401	Interior Design III	7762	-	-	-	-	-	-	-	-	08	40	01	60	3Hr	04	04	100
			TOTAL																100

COURSE OUTCOME:

After completion of this course, students will be able to develop imaginative and creative interior forms and spatial compositions while evolving their own design language and philosophy of interior design. They will explore alternative spatial solutions for diverse functions and user activities, enabling a deeper understanding of the relationship between structure, materials, and interior forms to create innovative, functional, and aesthetically responsive interior environments.

DESIGN PROBLEM:

Design problems of residential, semi-public, and public interior spaces.

Projects may include temples, cafés, clubs, community halls, museums, galleries, exhibition spaces, healthcare, and other public-use interiors.

Emphasis on three-dimensional spatial studies, human scale, ergonomics, and user-space relationships.

Exercises focusing on concept development, space planning, construction techniques, local materials, and services integration.

One group exercise on measured drawing and documentation of an existing space.

Sessional work through drawing sheets, models, and reports; assessment based on continuous studio reviews.

Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal

DIPLOMA IN INTERIOR DESIGN

IV Semester (COA) For batches admitted in (i.e. September, 2023) as per COA

SCHEME OF EXAMINATION																		
Diploma in Interior Design, Second Year, IV Semester																		
S.No	Subject Code	Subject Name	Paper Code	Maximum Marks Allotted														Total Marks
				Theory Slot								Practical Slot						
				Hours per week	Continuous Evaluation		End Sem Evaluation			Credits	Hours per week	Continuous Evaluation	End Sem Evaluation			Credits		
					Term Work/Quiz Assignment	Mid Term		Theory Paper					Theory Paper					
I	II																	
2	402	Interior Working Drawing	7763	-	-	-	-	-	-	-	06	40	01	60	3Hr	03	03	100
			TOTAL															100

COURSE OUTCOME:

After completion of this course, students will be able to understand the properties and applications of various building and interior materials, learn appropriate execution techniques for different items of interior works, and develop the ability to prepare and interpret working drawings for effective implementation and execution of interior design projects.

Unit I – Introduction to Working Drawings

Need, purpose, and relevance of working and presentation drawings in interior design practice; difference between presentation and execution drawings; standard drafting conventions, scales, and sheet organization.

Unit II – Components of Working Drawing Sets

Graphic symbols, dimensions, annotations, schedules, and specifications; preparation of checklists; systematic documentation and representation of materials, finishes, and services.

Unit III – Construction Detailing of Interior Elements

Preparation of plans, elevations, sections, and detailed drawings for partitions, furniture, joinery, flooring, ceilings, doors, windows, staircases, and service integration; study of materials and fixing techniques.

Unit IV – Furniture Working Drawings (Studio)

Working drawings and details of residential furniture systems such as dining table with chairs, study table, shoe rack, double bed with headboard and side tables, wardrobes, wall unit/partition, kitchen platform with shutters and trolleys, staircase railing, and basic detailing of an in-house hydraulic lift.

Unit V – Documentation and Presentation

Preparation of manual and CAD drawings, drawing sheets, journals, site visits, measured drawings, reports, and portfolio; continuous assessment through reviews and viva.

REFERENCES:

1. Ching, F. D. K., *Building Construction Illustrated*, Wiley Publications.
2. Ching, F. D. K., *Interior Design Illustrated*, Wiley Publications.
3. Ching, F. D. K., *Architectural Graphics*, Wiley Publications.
4. Arora, S. P. and Bindra, S. P., *Building Construction: Planning, Techniques and Methods of Construction*, Dhanpat Rai Publications.
5. Rangwala, S. C., *Building Construction*, Charotar Publishing House.
6. Allen, Edward and Iano, Joseph, *Fundamentals of Building Construction: Materials and Methods*, Wiley Publications.
7. Shah, Kale and Patki, *Building Drawing with an Integrated Approach to Built Environment*, Tata McGraw Hill.
8. Time-Saver Standards for Interior Design and Space Planning, McGraw Hill.
9. Neufert, Ernst and Neufert, Peter, *Architects' Data*, Wiley-Blackwell.

Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal

DIPLOMA IN INTERIOR DESIGN

IV Semester (COA) For batches admitted in (i.e. September, 2023) as per COA

SCHEME OF EXAMINATION																			
Diploma in Interior Design, Second Year, IV Semester																			
S.No	Subject Code	Subject Name	Paper Code	Maximum Marks Allotted													Total Credits	Total Marks	
				Theory Slot									Practical Slot						
				Hours per week	Continuous Evaluation			End Sem Evaluation			Credits	Hours per week	Continuous Evaluation	End Sem Evaluation					Credits
					Term Work/Quiz Assignment	Mid Term		Theory Paper		Theory Paper									
I	II																		
3	403	Interior Services III	7764	04	10	10	10	01	70	3Hr	04	-	-	-	-	-	-	04	100
			TOTAL																100

COURSE OUTCOME

The course aims to equip learners with the concepts and principles of natural and mechanical ventilation, air conditioning systems, and acoustics, and to enable them to apply these services effectively in interior spaces to achieve thermal comfort, energy efficiency, and functional performance.

Unit I – Introduction to HVAC

Basics of HVAC, terminology, need and importance of building services in interior design.

Unit II – Thermal Comfort & Natural Ventilation

Thermal comfort parameters; factors affecting comfort; principles of natural ventilation, cross ventilation, and passive design strategies.

Unit III – Heat Load & Air Conditioning Systems

Heat gain and basic heat load calculations; types and methods of air conditioning; components and equipment; selection criteria; guest lectures by AC professionals.

Unit IV – Mechanical Ventilation & Ducting

Mechanical ventilation systems; exhaust applications; ducting principles, layout schemes, and placement of outlets and diffusers.

Unit V – Acoustics in Interiors

Basics of sound and acoustics; noise control; acoustic materials; applications in residential and public interior spaces.

REFERENCES -

1. Norbert Lechner, Heating, Cooling and Lighting: Sustainable Design Methods for Architects, Wiley Publications.
2. Donald E. Hoff, Building Services and Equipment: Planning, Design and Installation, Library of Congress Publication.
3. Ernest Tricomi, ABC of Air-Conditioning, D. B. Taraporevala & Sons.
4. Madan Mehta & James Johnson, Architectural Acoustics: Principles and Design, Prentice Hall.
5. Frank Fahy & John Walker, Noise and Vibration Control, British Library Publication.
6. F. D. K. Ching & Corky Binggeli, Building Systems for Interior Designers, Wiley Publications.
7. Edward Allen & Joseph Iano, Fundamentals of Building Construction: Materials and Methods, Wiley Publications.
8. Arora & Bindra, Building Construction: Planning, Techniques and Methods of Construction, Dhanpat Rai Publications.
9. ISHRAE Handbook, Heating, Ventilation and Air Conditioning Applications, ISHRAE Publications.
10. National Building Code (NBC) of India – Provisions for Building Services (HVAC, Ventilation, and Acoustics).
11. Time-Saver Standards for Interior Design and Space Planning, McGraw Hill

Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal

DIPLOMA IN INTERIOR DESIGN

IV Semester (COA) For batches admitted in (i.e. September, 2023) as per COA

SCHEME OF EXAMINATION																				
Diploma in Interior Design, Second Year, IV Semester																				
S.No	Subject Code	Subject Name	Paper Code	Maximum Marks Allotted														Total Credits	Total Marks	
				Theory Slot								Practical Slot								
				Hours per week	Continuous Evaluation			End Sem Evaluation			Credits	Hours per week	Continuous Evaluation	End Sem Evaluation			Credits			
					Term Work/Quiz Assignment	Mid Term		Theory Paper		Theory Paper										
I	II																			
4	404	Dissertation	7765	-	-	-	-	-	-	-	-	-	04	40	01	60	-	02	02	100
			TOTAL																	100

COURSE OUTCOME:

After completion of this course, students will be able to:

Understand the basic principles and methods of research related to interior design.

Identify and analyse interior design issues through case studies and data collection.

Develop skills in documentation, analysis, and report writing.

Prepare and present a structured dissertation and research report.

Unit I – Introduction to Research and Topic Selection

Students will be able to understand basic research concepts and identify a suitable research topic related to interior design. This unit includes selection of a broad area of interest, study and review of technical papers, journals, and case studies, and preparation of a literature review report.

Unit II – Data Collection and Case Study Analysis

Students will be able to understand methods of data collection such as surveys, site visits, interviews, measurements, and documentation of interior spaces. The unit focuses on analysis of collected data, basic use of charts or statistics, and drawing inferences from case studies.

Unit III – Dissertation and Report writing.

Students will be able to compile research findings into a structured dissertation report related to interior design. This unit includes preparation of drawings, photographs, conclusions, a research paper, and an audio-visual presentation.

Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal

DIPLOMA IN INTERIOR DESIGN

IV Semester (COA) For batches admitted in (i.e. September, 2023) as per COA

SCHEME OF EXAMINATION																			
Diploma in Interior Design, Second Year, IV Semester																			
S.No	Subject Code	Subject Name	Paper Code	Maximum Marks Allotted														Total Marks	
				Theory Slot							Practical Slot								
				Hours per week	Continuous Evaluation		End Sem Evaluation			Credits	Hours per week	Continuous Evaluation	End Sem Evaluation			Credits			
					Term Work/Quiz Assignment	Mid Term		Theory Paper					Theory Paper						
I	II																		
5	405	Interior Professional Practice	7766	04	10	10	10	01	70	3Hr	04	-	-	-	-	-	-	04	100
			TOTAL																100

COURSE OUTCOME:

To equip learners with the knowledge and skills required for managing an interior design office and executing small- and large-scale residential and commercial interior projects, along with understanding current professional practices, ethical standards, and project management techniques.

Unit I – Tender and Tendering Procedures

Introduction to tendering, definitions and types of tenders; tender document preparation; methods of invitation; floating, opening, and award of tenders; units of measurement, basic material specifications, and schedule writing.

Unit II – Tender Documentation and Contracts

Contents of tender documents including contractor undertaking, prequalification, general and special conditions, bill of quantities, specifications, and working drawings; contractual procedures such as work orders, acceptance letters, interim and final bills, and bill certification.

Unit III – Career Opportunities and Professional Ethics

Scope and avenues for professional practice; advantages and limitations; professional ethics; codes of conduct and responsibilities towards clients, consultants, contractors, suppliers, and society; guidance on entering the profession.

Unit IV – Office Management and Work Practices

Structure and functioning of an interior design studio; distribution of work, roles and responsibilities, reporting systems; professional fees, basic accounting, record keeping, and relevant acts and regulations.

Unit V – Interior Project Management

Basic principles of management applied to interior projects; planning and scheduling techniques; introduction to Bar Charts, Gantt Charts, and PERT/CPM; site coordination and execution. Field visits to exhibitions, manufacturing units, and ongoing interior sites, and interaction with consultants and vendors.

REFERENCES:

1. Gupta, C. B. and Srinivasan, N. P., *Entrepreneurship Development in India*, Sultan Chand & Sons, New Delhi.
2. Chunawalla, S. A., *Sales Management*, Himalayan Publishing House, New Delhi.
3. Desai, Vasant, *Project Management and Entrepreneurship*, Himalaya Publishing House, New Delhi.
4. Moll, David H., *Entrepreneurship*, Prentice Hall of India, New Delhi.
5. Jerkins, Frank, *Advertising*, Prentice Hall of India, New Delhi