

 SHIVAJI UNIVERSITY, KOLHAPUR 416 004, MAHARASHTRA PHONE : EPABX - 2609000, BOS Section - 0231-2609094, 2609487 Web : www.unishivaji.ac.in Email: bos@unishivaji.ac.in शिवाजी विद्यापीठ, कोल्हापूर, ४१६ ००४, महाराष्ट्र दूरध्वनी - इपीबीएक्स - २०६०९०००, अभ्यासमंडळे विभाग : ०२३१- २६०९०९४. २६०९४८७ वेबसाईट : www.unishivaji.ac.in ईमेल : bos@unishivaji.ac.in	SHIVAJI UNIVERSITY, KOLHAPUR 416 004, MAHARASHTRA PHONE : EPABX - 2609000, BOS Section - 0231-2609094, 2609487 Web : www.unishivaji.ac.in Email: bos@unishivaji.ac.in शिवाजी विद्यापीठ, कोल्हापूर, ४१६ ००४, महाराष्ट्र दूरध्वनी - इपीबीएक्स - २०६०९०००, अभ्यासमंडळे विभाग : ०२३१- २६०९०९४. २६०९४८७ वेबसाईट : www.unishivaji.ac.in ईमेल : bos@unishivaji.ac.in		
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Ref.: SU/BOS/ IDS /225

Date: 07- 07- 2026

The Principal,
All Concerned Affiliated Colleges/Institutions
Shivaji University, Kolhapur

Subject : Regarding revised syllabi of **Bachelor of Design (B. Des.) Part – II** degree programme under the Faculty of Inter- Disciplinary Studies as per NEP-2020 (2.0)

Sir/Madam,

With reference to the subject mentioned above, I am directed to inform you that the university authorities have accepted and granted approval to the revised syllabi, (nature of question paper, equivalence etc.) of **Bachelor of Design (B. Des) Part – II** degree programme under the Faculty of Inter- Disciplinary Studies as per National Education Policy, 2020 (NEP 2.0).

This syllabus (nature of question paper, equivalence etc.) shall be implemented from the academic year **2026-2027** onwards. A soft copy containing the syllabus is attached herewith and it is also available on university website www.unishivaji.ac.in NEP-2020 (Online Syllabus)

The question papers on the pre-revised syllabi of above-mentioned programme will be set for the examinations to be held in October /November 2026 & March/April 2027. These chances are available for repeater students, if any.

You are therefore, requested to bring this to the notice of all students and teachers concerned.

Thanking you,

Yours faithfully,



Dy Registrar

Encl. : as above

Copy to: For information and necessary action

1	The I/C Dean, Faculty of I D S	7	P.G.Admission Section
2	Director, Board of Examination and Evaluation	8	Affiliation T. 1 & T. 2 Section
3	The Chairman, Respective Board of Studies	9	Appointment A & B Section
4	O. E. 1 Exam Section	10	P.G.Seminar Section
5	Eligibility Section	11	I. T. Cell
6	Computer Centre	12	Internal Quality Assurance Cell (IQAC)

SHIVAJI UNIVERSITY, KOLHAPUR



Established 1962

Accredited by NAAC 'A++' Grade with CGPA 3.52

Revised Syllabus for

Bachelor of Design (B.Des) (NEP- 2.0)

PART – II

(Interior Design)

UNDER

FACULTY OF INTER DISCIPLINARY STUDIES – (IDS)

AS PER THE NATIONAL EDUCATION POLICY

(NEP – 2.0)

WITH MULTIPAL ENTRY & MULTIPAL EXIT OPTIONS

HAVING CHOICE BASED CREDIT SYSTEM

Structure, Scheme, & Syllabus for

**Syllabus to be Implemented
from Academic Year
2026-2027**

(Subject to the modifications that will be made from time to time)

1. Name of the Programme – BACHELOR OF DESIGN – Interior Design

(B.Des) Under the faculty of Interdisciplinary Studies (IDS)

2. PREAMBLE:

The word DESIGN embraces all activities of human being we cannot name any field where Design activity is not involved. The meaning of word Design indicates that it is a systematic effort to analyze the end product, understand its function and design with such ingenuity as to have a unique combination of appropriate material, technology and aesthetic values to blend with choice of material and end use selected. In today's world where all activities are market driven, the importance of designing the environment with total emphasis on human comfort and sustainability is the mantra to succeed. This activity of Designing brings in to its fold built and un-built environment and calls for very sensitive designers who will constantly endeavor to enhance the quality of our surroundings. The activity embraces vital fields such as the buildings we occupy, the interior designing of the Spaces, Product Design, Furniture Design, Visual Communication, Apparel Design etc. This will explain the broad scope of the subject and its importance in our everyday life. It is also pertinent to note that a lot of research has been carried out on the psychological and visual aspects of Design and it is proved that the faculty of human being to produce more and with creativity gets enhanced in such well-planned and aesthetically designed environments. Well planned office buildings with work conducive interiors, well laid out landscaped gardens;

Supplement by minute detailing of product design signage etc. is an example of well-planned environment. This course is being introduced young and sensitive designers in various disciplines such as Interior Design, Product Design, Furniture Design, Set Design, Visual Communication Designation is felt that after pelting this course the graduates will have ample scope to work or practices Interior Designers, is so immense that the Designers will have sky as the limit for success. Due to globalization and GATE trade agreements in force, the Designers will have ample scope to work anywhere in the world and enhance the quality of work of human life around. Since Shivaji University is one of the pioneers to start this course, we feel that this and it will be able to provide good outlet to young talented Designers to show their creativity. We hope that those students, who are on the outlook of some different profession, will be able to find fulfillment in this course. Since this is a self-employment-oriented

course, graduates are likely to practice independently or alternatively find jobs with Co-Corporate Offices, Industrial Houses, Films and Advertisement Industry etc.

By considering limitations regarding – (1) Response of students (2) Infrastructure available in institute, we have started only one course i.e. Interior Designing for this academic year 2006- 2007. In syllabus we have tried to give every student the opportunity to in the degree course.

we would like to give them opportunity for further higher studies. This providing some qualified Interior Designers to ever demanding designing profession. So, I request you to go through the syllabus and give your suggestions. And because of in the course structure if possible, we request you to sanction all together the four year's syllabus in the meeting.

3. GENERAL OBJECTIVE OF THE PROGRAMME:

1. The Course Structure provides 30%Theory & 70% Practical including 90 days Industrial Training in the vacations is Mandatory to every student. framed in the programme to be a successfully Interior Designers.
- 2.The course provides scientific principles methods and design framework to engage and interior designing of residential and commercial interior spaces.
- 3.To prepare students to be academically comprehensive at working of complex systems of interior spaces such as HVAC, lighting and electricity plumbing. It also looks at the role of an interior designer's collaboration with various consultants in the profession
- 4.The course gives the students understanding of the final appearance of all exposed interior services and all finishes of natural and synthetic materials
- 5.The history course explores the changes in functional conventions and spatial outlines during the past century in the drawing detail and commercial establishments which then allow students to look at the interior design for spaces and other related development through a lens of history.
6. Students are offered a basket of elective courses as classroom based as well as workshop based. The electives include photography, graphic design, pottery, glass workshop, craft study etc
7. Students have to do professional practice as part of the curriculum, students undergo project training in the industry to match theory with practical on the job experience

8. Students need to observe analyses and record object and environments in the detail through the medium of drawing and also it aims at studying the design and drawing aspect by using computer added design method
9. Technical analysis can be done factors such as design criteria, ergonomics, cost aesthetics, styling, method of construction fabrication, user needs, health and safety, color, material finish environmental impact etc.

4. GENERAL PROGRAMME OUTCOME:

Program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed on website and communicated to teachers and students.

BACHELOR OF DESIGN – INTERIOR DESIGN –

PROGRAM OUTCOMES:

1. Design knowledge
2. Problem analysis
3. Design/development of solutions
4. Conduct investigations of complex problems
5. Modern tool usage
6. The designer and society
7. Environment and sustainability
8. Ethics
9. Individual and team work
10. Communication
11. Project management and finance
12. Life-long learning

5. PROGRAM SPECIFIC OUTCOMES:

- ❖ PS01: Ability to start own Enterprise.
- ❖ PS02- Ability to Implement Historical & Cultural Impact in Design

6. DURATION:

- ❖ The Course shall be full time course.
- ❖ The Duration of Course shall be four years / Eight Semesters
- ❖ The course will be of Four Year's Degree course within practical training is Included in this curriculum. The students have to complete 90 days of Industrial Training under concerned professionals as stated above but he/she should complete minimum 4 weeks continuously before appearing for final university exam. Students has to submit logbook (provided by the Institute) having record of 90 days of practical Training including remark of concern professional regarding work done by the students in his/her practical Training Sessional Internal & External marks will be taken for the same.

7. INTAKE, MIGRATION:

Intake capacity for First Year Admission of each course should be minimum 40 per course.

8. IMPLEMENTATION OF FEE STRUCTURE: -

Fee structure will be implemented as per the University rule.

9. MEDIUM OF INSTRUCTION:

The medium of Instruction shall be English.

10. EXAMINATION PATTERN:

The Pattern of Examination will be semester with credit and Internal Evaluation (CIE)

1. Examination of each subject will be conducted at the end of each semester as per examination structure given
2. Chances of examination to the repeater students for after any revised syllabus applicable from time to time will be as per University rules & regulations. (i.e. As per rule chances for October -November & March – April) These chances are for repeater students if any.
3. To Earn the Credits under open Electives it is mandatory to produce course completion certificate from an organization of existence is not less than three years.

11. ATKT:

All the following conditions will be applicable for obtaining ATKT.

- A. External orals & Theory papers in each semester considered as a passing head.
- B. A candidate who have failed in 1/3 heads out of total heads of first year, second year & Third year.
- C. A candidate who is appearing for Third year (Fifth semester) must have cleared first year.
- D. A candidate who is appearing for Final year (Seventh semester) must have cleared second year.
- E. The students who have completed First, Third, Fifth & Seventh semester are allowed to continue for Second, Fourth, Sixth & Eight consecutively.

F. STANDARD OF PASSING:

1. A Candidate must obtain 40% mark in each theory examination.
2. A Candidate must obtain minimum 40% total marks in -
 1. Internal Oral Examination – (IOE) & External Oral Examination (EOE) for the

prescribed subject.

3. A candidate failed to obtained min 40% marks in Sessional works & 75% Attendance in the class (According to university rule) in any subject he/ She will not be allowed to appear for all Internal & External orals, as well for theory exam.

13. VERIFICATION AND REVALUATION:

Verification and Revaluation shall be permitted for written papers only.

14. THE MINIMUM PASSING STANDARD PRESCRIBED AS FOLLOWS:

Aggregate required for passing – 40%

Grade point scale system CGPA having the passing criterion of 40%

Table 1: Conversion of Marks out of 50 to grade point (passing: 20)

Sr.No	Mark Range out of 50	Grade point	Letter grade
1	40-50	10	O:Outstanding
2	35-39	9	A+: Excellent
3	30-34	8	A: Very Good
4	28-29	7	B+: Good
5	25-27	6	B: Above Average
6	23-24	5	C: Average
7	20-22	4	P: Pass
8	0-19	0	F: Fail
9	Absent	0	Ab:Absent

Table 3: Conversion of Marks out of 100 to grade point (passing: 40)

Sr.No	Mark Range out of 100	Grade point	Letter grade
1	80-100	10	O:Outstanding
2	70-79	9	A+: Excellent
3	60-69	8	A: Very Good
4	55-59	7	B+: Good
5	50-54	6	B: Above Average
6	45-49	5	C: Average
7	40-44	4	P: Pass
8	0-39	0	F: Fail
9	Absent	0	Ab:Absent

A Ten-point grading system with grade value from 0 to 10, shall be follows:

Sr.No	CGPA Range	Grade point	Grade Descriptions
1	9.50- 10.00	O	O:Outstanding
2	8.86 – 9. 49	A+	A+: Excellent
3	7.86 -8.85	A	A: Very Good
4	6.86-7.85	B+	B+: Good
5	5.86-6.85	B	B: Above Average
6	4.86 – 5.85	C	C: Average
7	4.00 – 4.85	P	P: Pass
8	0.00 – 3.99	F	F: Fail
9	Absent	0	Ab:Absent

15. AWARD OF CLASS:

The determination of class for Bachelor of Design - Degree in Interior Design shall be the aggregate of the total marks/ Grade obtained at the all four-year B. Des examinations.

16. RULES FOR DETENTION:

1. If candidate detained for incomplete Sessional work of a concern subject & completed Sessional work of other concern subject. Candidate has to attend the respective subject's class, & candidate has to Pay total tuition fees and complete the term work as per the instruction of principal.

2. If candidate detained for inadequate attendance according to university rule, then the candidate must attend full time college for both semesters with full fees of the college. As per the instruction of principal.

17. ORAL EXAM:

1. External Oral Examination (EOE) will be conducted at the end of each semester as per examination structure given.
2. Semester 8th B. Des candidate who has failed in external oral he / She can appear in Oct / Nov examination as per examination structure given.

18. RULE OF CANCELLATION OF ADMISSION:

Sr. No.	Situation	Refund
1	Cancellation Request Received before 1st August	50% of the Tuition Fees
2	Cancellation Request Received After 1st August	No Cancellation and No Refund

18. EXEMPTION:

- 1) An unsuccessful candidate who has passed in any of subjects with minimum 50% of the total marks in that subject may, at his option, be exempted from appearing in that subject at a subsequent examination and will be declared to have passed in the whole semester when he has passed in the remaining subjects the examination in accordance with above. For the purpose of deciding whether a candidate has passed the examination in the manner aforesaid, the marks obtained by him in those subjects in the previous semester shall be carried forward. Candidate passing the examination in this manner will not be eligible for a prize or scholarship to be awarded at the examination.
- 2) In addition to all the standards prescribed above, the students have to complete 12 weeks of Practical Training under concern professional as stated in a note but he/she should complete minimum 4 weeks of Training continuously before appearing for final university exam. Students has to submit logbook (provided by the Institute) having record of 12 weeks of practical Training including remark of concern professional regarding work done by the students in his/ her practical Training duly endorsed by the principal of the College Sessional Internal & External marks will be given for the same in the 7th semester. The college shall maintain official records of enrollment of the candidate in a Professional firm for internship and of actually completed works during the period of internship. The candidates will produce to the college the certificate of completion of internship from the firm they worked with. The college shall produce the requisite certificate regarding internship within 30 days of the last day of the Examination.

- ❖ **Implementation of Revised guidelines and rules:**
The Revised guidelines and rules shall be implemented gradually as mentioned below:

Undergraduate Programme			
Level	Programme	Year / Semester	From academic Year
Level 4.5	Undergraduate Certificate	B. Des – Part – I (Sem -I & II)	2025-2026
Level 5	Undergraduate Diploma	B. Des – Part – II (Sem -III & IV)	2026-2027
Level 5.5	Bachelor's Degree	B. Des – Part – III (Sem -V & VI)	2027-2028
Level 6	Bachelor's Degree with Honors/ Research	B. Des – Part – IV (Sem -VII & VIII)	2028-2029

SYLLABUS FOR IN BACHALOR OF DESIGN – INTERIOR DESIGN

A. Course structure – This will be a full time Four Years Degree course As per the NEP guidelines Course structure is 30% Theory & 70% Practical of the B,Des Course. (i.e.30:70)

B. Timings: Timing for course will be 8.30 a.m. to 2.00 p.m. Thus, there will be 2 lectures, 4 studio periods every day, per week 36 periods for 32 weeks in a year (two terms of 16 weeks each) 90 days Industrial Training in the vacations is Mandatory to every students.

C. Eligibility at Various levels

A) First Year Admission:

- (1). H.S.C or Equivalent Passed in the H.S.C. of the Maharashtra Board for Higher Secondary education or equivalent from the any other State Boards.
2. S.S.C + Two Year's or Three Years' Diploma course from DTE (MSBTE)
3. Any other equivalent Diploma from other state /Statutory University.

B) Second Year Admission:

1. SSC + Three years' diploma in Interior Design & Decoration from DTE / MSBTE
2. SSC + Three years' diploma in Interior Design from DTE / MSBTE
3. SSC + Three years' diploma Architectural Asst. ship from DTE / MSBTE
4. SSC + Three years' diploma Architecture & Interior Design from DTE / MSBTE
5. SSC + Three years' diploma Architecture from DTE / MSBTE
6. A. Candidate satisfactory competing B.I.D./B. Arch/B.Des Part – I from Shivaji University.
7. Any other equivalent Three Year's Diploma from other State / Statutory University.

C) For Third Direct Admission:

A. Candidate satisfactory competing B.Arch./B.Des/B.I.D. II or III from other UGC recognized statutory Universities and seeking admission for B, Des Part III, or IV of Shivaji University Shall be admitted in affiliated Colleges. Subject to equivalence of syllabus approved by concern Board of Studies (BOS).

D) Fourth year Direct Admission:

B) Candidate satisfactory competing 3 Years B.I.D / B.VOC/ (Interior) from other State / Statutory University.

I. PROPOSED NORMS FOR B.DES. COURSE OF SHIVAJI UNIVERSITY UNDER FACULTY OF ARTS & FINE ARTS ON THE LINES OF UGC NOTIFICATION JUNE 2010.

1. TEACHING STAFF STRUCTURE: -

The institute shall maintain a teacher - Student ratio 1:20

NOTE: -

1. The institute shall encourage the faculty members to involve in professional practices and Research.
2. The institute shall encourage exchange of faculty members for academic programs.
3. It is advisable that approximately 25 %of the teaching load should be allotted to the visiting faculty from practicing professionals and industries (Architects, Interior Designers, and Artists.) So that students are brought in closer contact with the persons actively engaged in practice.
4. Each institute must have a staff structure consisting of the following Principal or Head of Department, Professor / Associate Professor / Assistant Professor Ratio 1:2:4. (2+2)
5. The institute may recruit qualified person in the field of Engineering /Art/ Humanities and visiting faculty depending upon the actual requirements of the subject.
5. Pay scale for the concerned faculty will be as per U.G.C. approval.

❖ Student Contact Hrs Per week: 36 hrs	❖ Total Marks for B.Des Part – II - 1400
❖ Lecture / Studio period is 50 minutes	❖ Total Credits for B.Des – Part- II – 44
❖ Practical workload will for batch of 20 students	
Exit option: - The undergraduate program B. Des of Four Academic Years (Eight semesters) with multiple entry and multiple exit options • The students can exit with certificate in a discipline or field after the completion of one-year Academic year (Two semesters) • Students can exit with Diploma after two academic years of (Four Semester) • Students can exit with Bachelor Degree after the completion of three Academic Year (Six Semesters) • Successful completion of four-year undergraduate program would lead a Bachelor Degree with Honor's / Research in Discipline/ Subject. Each semester shall consist of study with minimum of 90 working days.	

Abbreviations

T : Theory	VEC: Value Education Courses (Environmental Science)
P: Practical	IKS: Indian Knowledge System
OE: Open Elective	OJT: On Job Training
VSC: Vocational Skill Course	FP: Field Projects
SEC: Skill Enhancement Course	CEP: Community Engagement Practice
AEC: Ability Enhancement Course	CC: Co-Curricular Courses
MIL: Modern Indian Language	RP: Research Project
DSC: Discipline Specific Course	IDC: Interdisciplinary Course
DSE: Discipline Specific Elective	MDC: Multidisciplinary Course

NEP-2020 : Credit Framework for Bachelor Design (B.Des - Interior) Part – II

Internship Embedded Degree Programme

SEM	Level	COURSES			OE	VSC/SEC	AEC/VEC/IKS	OJT/FP/CEP/ CC/RP	Total Credits	Degree /Cum Cr. MEME
		Course – 1	Course – 2	Course -3						
SEM – III	5.0	MAJOR – I (4) MAJOR – II (4)	-	MAJOR – I (4)	OE - III (2)	VSC – I (2) SEC – III (2)	AEC – III (2) IKS (2)	-	22	Total Credit 88
SEM – IV	5.0	MAJOR – III (4) MAJOR – IV (4)	-	MAJOR – II (4)	OE - IV (2)	VSC – I (2) SEC – IV(2)	AEC – IV (2) VEC –II (2)	-	22	
Credit		4 + 4 + 4 + 4 = 16	-	4 + 4 = 8	2 + 2 = 4	2 +2 +2 + 2 = 8	2 +2 +2 + 2 = 8	-	44	Exit Option :4 Credit Skill / NSQF / Internship

B. Des – Part – II Semester – III			
COURSE CATEGORY		COURSE NAME	CREDITS
Course – I	MAJOR – I	Interior Design – III	4
	MAJOR – II	Visual Arts & Workshop – III	4
Course – III	MAJOR – I	Interior Technology & Material – I	4
OE -	OE-III	Art Installation	2
VSC / SEC	VSC- II	Interior Services – I	2
	SEC-III	Graphics & CAD – III	2
AEC/VEC/IKS	IKS	History- II	2
AP/FP/CEP/CC/RP	CC	Style of Interior	2
Total Credits			22

B. Des – Part – II Semester – IV			
COURSE CATEGORY		COURSE NAME	CREDITS
Course – I	MAJOR – III	Interior Design – IV	4
	MAJOR – IV	Visual Arts & Workshop – IV	4
Course – III	MAJOR – II	Interior Technology & Material – II	4
OE -	OE – IV	Design Software Skills	2
AEC/VEC/IKS	AEC-IV	Graphics & CAD – IV	2
	VEC – II	Environmental Science	2
VSC / SEC	SEC – IV	Presentation Techniques – I	2
	VSC – I	Interior Services – II	2
AP/FP/CEP/CC/RP	CC		
Total Credits			22

Subject Equivalence	
B. Des – Part – II Semester – III	
Old Name of the Subject	New Name of the Subject
Interior Design- III	Interior Design- III
Theory of Design & Visual Arts- III	Visual Arts & Workshop – III
Work Shop – III	-
Interior Technology & Material - I	Interior Technology & Material – I
Interior Services -I	Interior Services -I
Graphics - III	Graphics & CAD – III
History- III	History- II
Presentation Techniques - I	-
Generic Elective-	OE - Art Installation

Subject Equivalence B. Des – Part – II Semester – IV	
Old Name of the Subject	New Name of the Subject
Interior Design- IV	Interior Design- IV
Theory of Design & Visual Arts- IV	Visual Arts & Workshop – IV
Work Shop – IV	-
Interior Technology & Material – II	Interior Technology & Material – II
Interior Services –II	Interior Services -II
Graphics – IV	Graphics & CAD – IV
History- IV	-
Presentation Techniques - II	Presentation Techniques - I
Generic Elective-	OE - Design Software Skills
	Environmental Studies

B. Des – Part – II Semester – III

B. Des – Part – II Semester – III									
COURSE CATEGORY		COURSE NAME	Marking Scheme						CREDITS
			IOE		EOE		ESE		
			Total	Min	Total	Min	Total	Min	
Course – I	MAJOR – I	Interior Design – III	100	40	-	-	-	-	4
	MAJOR – II	Visual Arts & Workshop – III	100	40	-	-	-	-	4
Course – II									
Course – III	MAJOR – I	Interior Technology & Material – I	50	20	-	-	50	20	4
OE -	OE-III	Art Installation	50	20	-	-	-	-	2
VEC / SEC	VSC – II	Interior Services – I	50	20	-	-	50	20	2
	SEC – III	Graphics & CAD – III	50	20	-	-	-	-	2
	IKS	History- II	50	20	-	-	-	-	2
AP/FP/CEP/ CC/RP	CC	Style of Interior	50	20	-	-	-	-	2
			500		-		100		
Total Credits									22
Total Marks			500+ 100						600

Internal oral Examination – IOE

External oral Examination – EOE

End Semester Examination – ESE

B. Des – Part – II Semester – IV

COURSE CATEGORY		COURSE NAME	Marking Scheme						CREDITS
			IOE		EOE		ESE		
			Total I	Min	Total	Min	Total	Min	
Course – I	MAJOR – III	Interior Design – IV	50	20	100	40	-	-	4
	MAJOR – IV	Visual Arts & Workshop – IV	50	20	100	40	-	-	4
Course – II									
Course – III	MAJOR – II	Interior Technology & Material – II	50	20	50	20	50	20	4
OE -	OE-IV	Design Software Skills	50	20	-	-	-	-	2
AEC VEC / SEC	AEC – IV	Graphics & CAD – IV	50	20	-	-	50	20	2
	VEC – II	Environmental Science	20	8			30	12	2
VSC/SEC	SEC – IV	Presentation Techniques – I	50	20	-	-	-	-	2
	VSC- I	Interior Services – II	50	20	-	-	50	20	2
AP/FP/CEP/CC/RP	-	-	-	-	-	-	-	-	-
			370		250		180		
Total Credits									22
Total Marks			370+ 250 + 180						800

Internal oral Examination – IOE
 External oral Examination – EOE
 End Semester Examination – ESE

SYLLABUS FOR B. Des – II SEMESTER – III

Title of the Course:	Interior Design –III	L	S	H	Credit
Course - I	MAJOR – I	2	8	60	4

Course Description:

Interior Design This course focuses on interior design problems of moderate complexity in multi-activity residential spaces such as bungalows, studio apartments, and duplex flats. Students will develop innovative and creative approaches to conceptualizing and designing interior spaces.

- Study of multi-functional spaces.
- Design of medium to large residential spaces of moderate complexity.
- Site visits to completed projects, followed by group discussions and role-play as clients, contractors, and consultants.
- Study of geometric forms, masses, and their composition in two- and three-dimensional design.

Course Outcomes:

- Develop innovative and creative thinking in space conceptualization.
- Apply the Theory of Design to interior projects.
- Use materials creatively in interior space planning.
- Develop CAD drafting and 3D visualization skills along with hand presentation techniques.
- Strengthen professional design and planning skills.
- Understand the relationship between space and its context through client profiling and case studies.
- Apply knowledge of materials, construction, furniture, and services in complex design projects.
- Analyze décor elements in relation to design concepts.
- Enhance visual and verbal presentation skills.
- Design residential or commercial spaces up to 500 sq. meters.

Assessments:

Teacher Assessment:

Assessment	Marks	Min
Internal Oral Examination	100	40
External oral Examination	-	-
End Semester Examination	-	-

Course Contents:

Unit 1 - Interior Space Planning for Multi-Functional Activities

- To enable students to plan interior spaces for multi-functional activities by understanding and accommodating the varied requirements of multi-dwelling users and their activities.

Unit 2 - Relationship Between Function and Aesthetics in Interior Spaces

- To understand the relationship between different types of activities within interior spaces while maintaining and enhancing their visual and aesthetic quality.

Unit 3 - Correlation Between Interior and Exterior Spaces

- To understand the correlation between interior and exterior environments and recognize the importance of interior styling in creating cohesive spatial experiences.

Unit 4 - Building Services in Multi-Activity Spaces

- To understand the basic building services required for multi-activity spaces, such as electrical systems, plumbing, drainage, internet, and HVAC, and to integrate these services effectively into interior design.

Reference Books: -

1. Interior Design - Ahmed Kasu
2. Rendering with Pen & Ink - Robert Gill
3. Time - Saver Standards for interior Design and space planning (2 Edi) - Joseph dechiara
4. Design Drawing - Francis D.K Ching
5. Fundamentals of Interior Design – Chings, Fiancis D.K
6. Space Design – Jeong, Kwang Young
7. Neufert 4th Edition – Ernst & Peter Neufert

SYLLABUS FOR B. Des – II SEMESTER – III

Title of the Course:	Visual Arts & Workshop – III	L	S	H	Credit
Course - I	MAJOR – II	-	6	60	4

Course Description:

Visual Arts (Aesthetics) is the sensitive appreciation of beauty and the pursuit of refined visual taste. It focuses on developing a strong aesthetic sense that enables the presentation of everyday objects and spaces in a more appealing and meaningful manner. When ordinary objects are treated with aesthetic sensitivity, they become extraordinary, visually engaging, and desirable. Visual Art may thus be understood as the art of presenting objects and designs with enhanced beauty and visual impact.

Workshop aims to develop an understanding of materials and tools through hands-on object-making. Students explore forms, surfaces, textures, and patterns, emphasizing the elements and principles of design studied in Theory of Design & Visual Arts. Under the guidance of experienced master craftsmen, students experiment with joinery techniques, support systems, and woven surfaces, fostering a clear connection between design thinking and craft skills.

The workshop promotes experiential and visual learning, encouraging students to perceive, understand, and appreciate materials and processes through exploration. Activities involving craft, print, color, and other elemental practices help establish a strong relationship between design and craftsmanship, reinforcing professional appreciation and skill development.

Course Outcomes:

- Develop the design work considering basic elements of design;
- Apply principles of design in design work;
- Select color and texture to suit the visual effects, psychology and point of application;
Sketch the design considering basic elements, principles and visual effects
- Develop shapes and sizes from clay and ceramic;
- Select, handle and operate tools in making clay & ceramic models;
- Apply color scheme based on the object;
- Establish/demonstrate the design and craft skills.

Assessments:

Teacher Assessment:

Assessment	Marks	Min
Internal Oral Examination	100	40
External oral Examination	-	-
End Semester Examination	-	-

Course Contents:

Visual Arts

Unit 1 - Elements of Design and Critical Understanding

To deal with the basic elements of design and their application, along with intellectual and analytical critical assessment.

- Studying line, shape, form, texture, space, colour, and value
- Analysing compositions in paintings, interiors, or products
- Critically evaluating visual balance, proportion, and harmony in artworks
- Understanding how design elements influence mood and meaning

Unit 2 - Application of 2D and 3D Colour Theory in Design

To develop visual and aesthetic sense through the understanding and application of 2D and 3D colour theory and design principles for solving complex design problems.

- Colour wheel, colour harmony, and contrast
- Applying warm and cool colours in interior spaces
- Creating 2D compositions using colour schemes
- Using 3D colour models in design (like models, mock-ups, or installations)

Workshop

Unit 3 - Hand Skills and Traditional Crafts

To enhance hand skills and understand the importance of traditional art, crafts, and techniques in the design process.

- Sketching, shading, and rendering techniques
- Exploring traditional crafts like block printing, pottery, or weaving
- Hand painting, collage, or mixed media work
- Creating craft-based design samples or panels

Unit 4 - History of Fine Arts and Art Movements

To study the history of fine arts, including artists and their styles, different art movements (ISMS), and their application in multi-activity residential spaces.

- Studying movements like Renaissance, Impressionism, Cubism, Modernism, etc.
- Analyzing works of artists like Van Gogh, Picasso, or Raja Ravi Varma
- Understanding how art movements influence interior themes
- Applying art styles in designing living rooms, bedrooms, or public spaces

Reference Books: -

1. Interior Design - Ahmed Kasu
2. Rendering with Pen & Ink - Robert Gill
3. Time - Saver Standards for interior Design and space planning (2 Edi) - Joseph dechiara
4. Design Drawing - Francis D.K Ching

SYLLABUS FOR B. Des – II SEMESTER – III

Title of the Course:	Interior Technology & Material – I	L	S	H	Credit
COURSE -III	MAJOR – I	2	4	30	4

Course Description:

This course introduces students to the art and science of interior spaces. Emphasis is placed on developing an understanding of materials, methods, and processes involved in translating design ideas into built form. Specific topics are introduced weekly and further explored through the development of design strategies, material studies, fabrication techniques, and built-work analysis.

The course enables students to gain both a qualitative understanding and a basic quantitative comprehension of elementary interior systems. As these foundational systems are mastered, the curriculum progressively shifts toward more complex systems that support and define complete interior spaces.

The course assumes that students possess basic knowledge and experience in interior design, technical drawings, and detailing.

Course Outcomes:

- Analyze and apply interior design materials, methods, and construction processes effectively
- Demonstrate proficiency in drawing and detailing interior elements.
- Identify and select appropriate materials and fabrication techniques for various interior applications.
- Develop an understanding of elementary interior systems
- Integrate design strategies with material and construction knowledge to create coherent interior design proposals
- Communicate design intent clearly through drawings, and presentation methods

Assessments:

Teacher Assessment:

Assessment	Marks	Min
Internal Oral Examination	50	20
External oral Examination	-	-
End Semester Examination	50	20

Course Contents:

Unit 1 STAIRCASES

- Types of staircases.
- Materials used in staircase construction, such as wood, mild steel (MS), and other suitable materials.
- Basic construction details of staircases.

Unit 2 UPHOLSTERY AND ITS CONSTRUCTION

- Materials used in upholstery, including cotton, synthetic fabrics, rexine, foam, and leather.
- Different types of frames used for upholstery, such as wooden frames, plywood, metal frames, and composite frames.
- Basic construction techniques and detailing of upholstery elements.

Unit 3 PARTITIONS

- Construction of partitions in interior spaces using different materials such as plywood, glass, clay products, bricks, concrete blocks, gypsum, etc.
- Types of partitions:
 - Full-height and half-height partitions
 - Single-skin and double-skin partitions

- Introduction to factory-made modular partitions, ready-to-assemble partition systems, and drywall systems.

Unit 4 PANELLING

- Construction of panelling in interior space design using different materials.
- Types of panelling materials, including plywood, glass, gypsum, POP, etc.
- Application, detailing, and finishing techniques for interior panelling.

Reference Books:-

1. Engg. Materials - K.S. Rangwala
2. Interior Design – Ahmed Kasu
3. Building Construction Volume 1– J.K.Macky
4. Building Construction Volume 2– J.K.Macky
5. Building Construction Volume 3– J.K.Macky
6. Building Construction Volume 4– J.K.Macky
7. The Construction of Buildings Volume 3 - Barry
8. The construction of Buildings Volume 4 - Barry
9. Building Construction Illustrated 5th Edition – Frances D.K. Ching

SYLLABUS FOR B. Des – II SEMESTER – III

Title of the Course:	Art Installation - I	L	S	H	Credit												
OE	OE – III	2	-	30	2												
Course Description: This course introduces students to Art Installation as a contemporary art practice that engages with space, materials, and viewers. It focuses on experiential, site-responsive, and concept-driven art beyond traditional art forms. Students will explore spatial composition, material experimentation, light, and interactivity while understanding the relationship between art, architecture, and interior spaces. Through case studies and hands-on projects, students will develop creative, conceptual, and practical skills to create meaningful installations.																	
Course Outcome: - On completion of this course, students will be able to: • Understand key concepts of art installation and its role in contemporary art. • Develop and translate concepts into spatial artworks. • Experiment with materials, tools, and techniques for installation making. • Apply principles of design and aesthetics in three-dimensional space. • Create site-specific or theme-based art installations. • Present and explain the concept and process of their work effectively.																	
Teachers Assessment: <table><tr><td>Assessment</td><td>Marks</td><td>Pass</td></tr><tr><td>Internal Oral Examination</td><td>50</td><td>20</td></tr><tr><td>External oral Examination</td><td>-</td><td>-</td></tr><tr><td>End Semester Examination</td><td>-</td><td>-</td></tr></table>						Assessment	Marks	Pass	Internal Oral Examination	50	20	External oral Examination	-	-	End Semester Examination	-	-
Assessment	Marks	Pass															
Internal Oral Examination	50	20															
External oral Examination	-	-															
End Semester Examination	-	-															
Course Content; - Unit 1: Introduction to Art Installation • Meaning, evolution, and characteristics of installation art • Difference between sculpture, installation, and public art • Study of selected installation artists Unit 2: Concept and Visual Development • Idea generation and conceptual thinking • Understanding space, scale, and context • Sketching and planning of installations Unit 3: Materials and Techniques • Exploration of materials: paper, fabric, wood, metal, found objects, light, and sound • Basic tools and construction methods • Sustainable and recycled material practices Unit 4: Site-Specific and Interactive Installations • Indoor and outdoor installation spaces • Interactive and participatory art • Final installation project and presentation																	

SYLLABUS FOR B. Des – II SEMESTER – III

Title of the Course:	Interior Services – I	L	S	H	Credit
VSC/SEC	VSC – II	2	-	30	2

Course Description:

This subject supports the study of Interior Technology and Interior Design by introducing students to the basic building services integrated within interior spaces. The course covers various technologies used for interior services, with a focus on their application in functional and efficiently designed spaces.

The subject aims to develop an understanding of basic plumbing and drainage products used in interior services, enabling students to plan and design service layouts effectively. It introduces the fundamentals of sanitary fixtures, bathroom accessories, drainage systems, and water supply systems, which are covered during the third semester.

Course Outcomes:

- **Identify and evaluate different types of water-heating equipment** based on their specifications, capacity, and suitability for interior applications.
- **Classify and explain the functions of various sanitary fixtures and bathroom accessories** used in residential and commercial interiors.
- **Prepare and interpret drawings and plans** for drainage systems, plumbing layouts, and water supply systems, including **hot-water and cold-water supply networks**.
- **Assess the quality and quantity of water required** for different interior functions and user requirements.
- **Develop and interpret sketches of plumbing fittings and components** required for drainage and water supply systems, demonstrating an understanding of their installation and use.

Assessments:

Teacher Assessment:

Assessment	Marks	Min
Internal Oral Examination	50	20
External oral Examination	-	-
End Semester Examination	50	20

Course Contents:

Unit 1: Sanitary Fixtures

Introduction

- Overview of sanitary fixtures used in interior spaces.
- Description, drawing, and system development of sanitary materials.

Classification of Sanitary Fixtures

- Ablution fixtures
- Wash basins
- Sinks (kitchen and janitor sinks)
- Bathroom fixtures: shower trays, bathtubs
- Soil fixtures

Water Closets and Related Fixtures

- Water closets (WC): floor-mounted and wall-mounted
- Indian water closets
- Anglo-Indian water closets

- Urinals: bowl type, stall type, aqua-free
- Squatting plates
- Bidets
- Slop sinks

Unit 2: Bathroom Accessories

Types and applications of bathroom accessories, including:

- Towel rings
- Soap dishes
- Mirrors
- Toilet paper holders
- Automatic sanitizer machines
- Aroma diffusers
- Placement, functional requirements, and design considerations of accessories.

Unit 3: Drainage System

Introduction

- Principles of plumbing drawings and layouts.
- Plumbing systems: one-pipe system, two-pipe system, and their comparison.
- Recommended drainage systems for interior spaces.

Drainage Components and Systems

- Vent pipes and siphonic action
- Traps for appliances: bottle traps, nahani traps, gully traps
- Air admittance valves
- Pipes and pipe joints
- Study of drainage layouts for kitchen and toilet areas
- Septic tanks and basic treatment systems.

Unit 4: Water Supply System

Cold Water Supply

- Introduction to water supply systems
- Impurities in water and their effects
- Treatment of water
- Conveyance of water
- Per capita water supply requirements
- Storage of water
- Storage tanks for residential buildings (bungalows)
- Typical water supply layout from service mains to buildings

Hot Water Supply

- Quantity requirements of hot water
- Sizing of storage vessels
- Types of hot water systems
- Types of water heaters: tank-type, tankless (instant), geysers
- Pressure and non-pressure systems
- Central hot water supply systems
- Hot water piping layout and principles of design
- Return circulation systems
- Solar water heating systems
- Hot water supply layouts for interior spaces

Reference Books:

1. Building Services – S. M. Patil
2. Water Supply & Sanitary Engineering – Ranwala
3. Interior Design – Ahamad kasu

SYLLABUS FOR B. Des – II SEMESTER – III

Title of the Course:	Graphics & CAD – III	L	S	H	Credit
VSC/SEC	SEC – III	2	4	30	2

Course Description:

This subject is a continuation of the third-semester syllabus, following the fundamentals of orthographic projection. The course gradually advances through exercises involving the sections of solids, development of surfaces, and object detailing, progressing from simple to complex forms. An introduction to perspective drawing is a key component of the subject, as it supports effective visualization skills. Students are introduced to the use of AutoCAD for practical applications, beginning with simple objects. The course emphasizes basic drawing techniques and modelling exercises to develop clarity in form, proportion, and spatial understanding before progressing to more complex applications.

Course Outcomes:

- Understand and apply the principles of one-point and two-point perspective for simple objects and interior design compositions.
- Develop perspective-based visualizations for interactive design at varying levels of complexity.

Assessments:

Teacher Assessment:

Assessment	Marks	Min
Internal Oral Examination	50	20
External oral Examination	-	-
End Semester Examination	-	-

Course Contents:

Unit 1: Introduction to Perspective

- Basic concepts and importance of perspective in design visualization.

Unit 2: Principles of One-Point Perspective

- One-point perspective of simple and complex objects.
- Application of one-point perspective in interior design elements.

Unit 3: Principles of Two-Point Perspective

- Two-point perspective of simple and complex objects.
- Application of two-point perspective in interior design elements.

Unit 4: Perspective of Interior and Exterior Spaces

- Perspective drawing of interior and exterior spaces using different eye levels.
- AutoCAD Assignment: Introduction to perspective drawing using AutoCAD, focusing on simple interior and exterior forms.

Reference Books: -

1. Interior Design - Ahmed Kasu
2. Rendering with Pen & Ink – Robert Gill.

SYLLABUS FOR B. Des – II SEMESTER – III

Title of the Course:	History – II	L	S	H	Credit
AEC/VEC/IKS	IKS	2	-	30	2

Course Description:

This course aims to develop awareness of material cultures and lifestyles associated with ancient and historical civilizations, and to examine their relevance to contemporary design practices. The subject focuses on understanding how furniture styles, architectural forms, and design principles evolved in response to social, economic, and political contexts, and how these influences continue to shape modern design.

Course Outcomes:

- Explore and analyse the material cultures and lifestyles associated with Indian and European architectural traditions.
- Describe and illustrate, through sketches and drawings, key features of temple architecture and ancient Egyptian, Greek, and Roman architecture.
- Examine the principles of design across different cultures and apply this understanding to the development of design and furniture concepts.

Assessments:

Teacher Assessment:

Assessment	Marks	Min
Internal Oral Examination	50	20
External oral Examination	-	-
End Semester Examination	-	-

Course Contents:

Introduction

- Overview of Indian and European architectural traditions and their significance in the evolution of interior design.

Unit 1: Introduction to Ancient Civilizations

- Overview of major ancient civilizations.
- Study of material culture, lifestyle, and early architectural forms.
- Influence of ancient civilizations on the development of interior spaces.

Unit 2: Temple Architecture

- Evolution of temple architecture in India.
- Surface decoration and architectural treatments.
- Materials, motifs, and symbolic elements used in temple interiors.

Unit 3: Egyptian Architecture and Interior Design

- Introduction to Egyptian architecture.
- Study of interior spaces and their evolution.
- Influence of social, political, and religious factors on Egyptian interior design.

Unit 4: Greek and Roman Architecture and Interior Design

- Introduction to Greek and Roman architecture.
- Study of interior spaces and their evolution.
- Influence of social, political, and cultural factors on Greek and Roman interior design.

Reference Books: -

1. History of Architecture - Banister Fletcher
2. Indian Architecture - Percy Brown
3. Islamic Architecture - Percy Brown
4. World Architecture - G.K.Hiraskar

SYLLABUS FOR B. Des – II SEMESTER – III

Title of the Course:	Style of Interior - I	L	S	H	Credit
AEC/VEC/IKS	CC –	2	-	30	2

Course Description:

This course introduces students to the concept and application of **Style of Interior** in interior design. It focuses on understanding different interior styles, their historical and cultural influences, and their relevance in contemporary practice. Students will learn to analyze and apply elements such as color, texture, materials, furniture, lighting, and décor to create cohesive and aesthetically refined interior spaces through case studies and practical exercises.

Course Outcomes:

- Understand the concept and significance of **Style of Interior**.
- Identify and differentiate various interior styles.
- Analyse the role of design elements in defining style.
- Apply styling principles effectively in residential and commercial interiors.
- Develop visual and aesthetic sensibility in interior styling.

Assessments:

Teacher Assessment:

Assessment	Marks	Min
Internal Oral Examination	50	20
External oral Examination	-	-
End Semester Examination	-	-

Course Contents:

Unit 1: Introduction to Style of Interior

- Meaning and importance of style in interiors
- Difference between style, theme, and concept

Unit 2: Historical and Traditional Styles

- Study of Classical, Victorian, Colonial, and Art Deco styles
- Key characteristics: furniture, materials, and color palettes

Unit 3: Contemporary Styles

- Study of Modern, Minimalist, Scandinavian, and Industrial styles
- Use of materials, textures, and lighting

Unit 4: Application of Style in Interiors

- Styling for residential and commercial spaces
- Preparation of mood boards and material boards
- Final styling project and presentation

GENERAL NATURE OF QUESTION PAPERS.

Bachelor of Design – Second Year (B.Des)
Semester – III
Sub- Interior Technology & Material – I

Total Marks: - 50

Duration: - 2 hrs

Instructions: -

- 1. Q. No.1 & 2 is compulsory and answer any two of remaining questions.**
 - 2. Illustrate your answer wherever necessary.**
 - 3. Figures at the right indicate full marks.**
 - 4. Assume suitable data wherever necessary & mention it.**
 - 5. Draw neat sketches wherever necessary.**
-

- | | |
|---|----|
| 1. Design & Draft: | |
| i) | 10 |
| ii) | 10 |
| iii) | 09 |
| 2. Answer the following with sketches: | 07 |
| 3. Answer the following: | 07 |
| 4. Answer the following questions: - | 07 |
| 5. Answer the following questions in brief: | 07 |

Bachelor of Design – Second Year (B.Des)
Semester – III
Sub- Interior Services - I

Total Marks: - 50

Duration: - 2 hrs

Instructions: -

- 1 Q. No.1 is compulsory and answers any three of remaining questions.**
 - 2 Illustrate your answer wherever necessary.**
 - 3 Figures at the right indicate full marks.**
 - 4 Assume suitable data wherever necessary & mention it.**
 - 5 Draw neat sketches wherever necessary.**
-

- | | | |
|---|--|----|
| 1 | Write short notes with sketches (any four) | 20 |
| | a) | |
| | b) | |
| | c) | |
| | d) | |
| | e) | |
| 2 | Explain the following | 10 |
| | a) | |
| | b) | |
| 3 | Long question: - | 10 |
| 4 | Long question: - | 10 |
| 5 | Long question: - | 10 |

SYLLABUS FOR B. Des – II SEMESTER – IV

Title of the Course:	Interior Design – IV	L	S	H	Credit
Course - I	MAJOR – III	2	8	60	4

Course Description:

This course continues as a core subject in the interior design curriculum. Students will address interior design problems of **moderate complexity**, focusing on multi-activity and commercial spaces. The semester emphasizes **conceptual development, innovation, and creative thinking** in interior design.

Design projects may include spaces such as healthcare facilities, educational institutions, corporate offices, shopping and entertainment malls, clinics, town squares, airports, bus terminals, railway stations, and similar public or commercial environments.

The fourth semester is dedicated to strengthening students' **design thinking, creativity, and problem-solving abilities** through applied interior design projects.

- Study of multi-functional interior spaces
- Design of medium to large spaces of moderate complexity involving multiple functions, such as offices, clinics, showrooms, small restaurants, and small offices
- Site visits to completed buildings related to design problems, followed by group discussions and expert interactions
- Role-play exercises where students assume the roles of clients, contractors, and consultants
- Study of object groups, forms, and masses using basic geometric shapes and their compositions for two- and three-dimensional exploration in relation to basic design

Course Outcomes:

- Develop innovative and creative design concepts for given interior space projects
- Apply principles of design theory effectively to interior design projects
- Use a variety of materials creatively for efficient interior space planning
- Demonstrate proficiency in Computer-Aided Drafting (CAD), 3D visualization, and manual presentation techniques
- Enhance professional design acumen through advanced interior project planning
- Establish strong relationships between interior spaces and their contextual environments through client profiling, case studies, and requirement framing
- Apply advanced knowledge of materials, construction techniques, furniture, and building services in complex interior spaces
- Analyze décor elements and understand how they enhance and reflect design concepts
- Use diverse visual presentation techniques to communicate design intent
- Demonstrate effective verbal presentation skills for design proposals
- Design large-scale residential or commercial spaces up to **500 sq. m.**

Assessments:**Teacher Assessment:**

Assessment	Marks	Min
Internal Oral Examination	50	20
External oral Examination	100	40
End Semester Examination	-	-

Course Contents:**Unit 1:**

To understand and implement the design interface of commercial project with composite visual and iterative data gathering techniques.

Unit 2:

To understand the focus of content in interior designing space.

Unit 3:

To understand and able to design the phases of the essential importance in commercial interior design.

Unit 4:

To understand the basic rules required for multi-activity spaces like, Commercial, Offices, HBSF and the data gathering techniques that incorporate this services into the spaces.

Reference Books: -

1. Interior Design - Ahmed A Kasu
2. Rendering with Pen & Ink - Robert Gill
3. Time - Saver Standards for interior Design and space planning (2 Edi) - Joseph dechiara
4. Design Drawing - Francis D.K Ching
5. Fundamentals of Interior Design – Ching, Francis D.K
6. Space Design – Jeong, Kwang Young
7. Neufert 4th Edition – Ernst and Peter Neufert

SYLLABUS FOR B. Des – II SEMESTER – IV

Title of the Course:	Visual Arts & Workshop – IV	L	S	H	Credit
Course I	MAJOR– IV	-	6	60	4

Course Description:

Visual Arts/Aesthetics is presented as the art of sensitive appreciation of the “beautiful,” fostering devotion to beauty and refined taste while developing a well-rounded aesthetic sensibility. Students learn how aesthetic awareness can transform simple objects into something extraordinary and desirable. Visual art is positioned as a means of presenting objects, ideas, and designs in a more appealing and meaningful way.

The course further introduces the Theory of Design, focusing on the study of basic elements and principles of design and their application during studio practice. Ultimately, the integration of visual arts and design theory helps students create living and commercial spaces that are more beautiful, meaningful, and desirable.

This course enables students to understand materials and tools through hands-on making of objects that allow them to explore forms, surfaces, textures, and patterns. Students will explore different joinery, support conditions, and woven surfaces under the guidance of trained master craftsmen. The course also emphasizes clear communication and establishing a meaningful dialogue between designed crafts and craftsmanship. It aims to strengthen craft skills while encouraging imagination through visual art by modeling objects using a variety of materials, thereby enhancing knowledge of surface, texture, and form. A cultural orientation is also introduced to integrate traditional craft understanding with contemporary professional requirements.

Course Outcomes:

- Demonstrate and apply the principles of surface forming, texture, and forms.
- Develop visual arts and design work by understanding and applying elements and principles of design in multi-activity residential and commercial space projects.
- Apply color theory effectively in multi-activity residential and commercial spaces.
- Develop an overall visual arts and aesthetic approach for handling complex nature design projects in the future.
- Prepare block models, preliminary models, and finished models using materials such as metal, plaster of Paris, etc.
- Use appropriate tools and develop hands-on skills for model making and material handling.

Assessments:

Teacher Assessment:

Assessment	Marks	Min
Internal Oral Examination	50	20
External oral Examination	100	40
End Semester Examination	-	-

Course Contents:

Unit 1: Design Fundamentals & Color Science

Focus: Technical foundations and visual logic.

- Elements & Principles: Analytical study of basic design elements and their application to complex nature-based design problems.
- Aesthetic Analysis: Developing critical and intellectual visual sense.
- Color Theory: Mastery of 2D and 3D color applications and their principles in spatial design.

Unit 2: Art History, Craft & Spatial Application

Focus: Historical context and practical implementation.

- Traditional Craft: Enhancing hand skills and integrating traditional art forms into interior environments.

- History of Fine Arts: Comprehensive study of major artists, styles, and the "ISMS" of art history.
- Residential Integration: Applying historical styles and artistic movements into the design of multi-activity residential spaces.

Unit 1: Material Exploration & Specialized Crafts

Focus: Hands-on experience with physical mediums and documentation.

- Core Materials: Study and practical implementation of wood, clay, metal, and Plaster of Paris in interior design.
- Specialized Techniques: Experience with textiles, weaving, and tile making.
- Visual Documentation: Introduction to photography as a tool for design.

Unit 2: Spatial Modeling & Professional Practice

Focus: Design visualization and industry-aligned training.

- Iterative Modeling: Preparation of block, preliminary, and finished models for interior space design.
- Industry Integration: Linking theoretical design with industrial training and hands-on field experience.
- Applied Design: Stress on effective industry linkages to prepare for professional interior design environments.

Reference Books: -

1. Interior Design - Ahmed A Kasu
2. Design Drawing - Francis D.K Ching
3. Fundamentals of Interior Design – Ching, Francis D.K
4. Colour Harmony Workbook - Rockport

SYLLABUS FOR B. Des – II SEMESTER – IV

Title of the Course:	Interior Technology & Material – II	L	S	H	Credit
COURSE – III	MAJOR – II	2	4	30	4

Course Description:

This course introduces students to the art and science of interior space, emphasizing material properties, fabrication methods, and the translation of design concepts into built forms. It further develops visualization and imaginative skills through the mastery of one-point and two-point perspective, which are essential for professional interior design.

Course Outcomes:

- **Material Transformation:** Apply knowledge of interior materials and processes to transform abstract ideas into functional designs.
- **Technical Proficiency:** Develop technical drawings for false ceilings, flooring, and metalwork.
- **Visual Depth:** Demonstrate and apply accurate representations of shades and shadows within interior contexts.
- **Perspective Mastery:** Implement one, two, and three-point perspective principles for simple objects and complex interiors.
- **3D Sketching:** Explore interactive design through advanced 3D sketching techniques.

Assessments: Teacher Assessment:

Assessment	Marks	Min
Internal Oral Examination	50	20
External oral Examination	50	20
End Semester Examination	50	20

Course Contents

Unit 1 – False Ceiling

- Introduction to ceilings – Types of ceilings – metal-coated strip sections, plywood, POP (Plaster of Paris), gypsum, and readymade branded ceiling systems.
Study of construction details and installation methods of the above-mentioned ceiling types.

Unit 2 – Flooring Materials

- Introduction to flooring materials – Types of flooring materials such as natural stones, natural wood, vitrified tiles, cement paving blocks, synthetic flooring tiles or rolls, laminated flooring tiles, clay tiles, etc.
Study of properties, uses, and suitability of different flooring materials in interior applications.

Unit 3 – Flooring Construction

- Introduction to flooring construction – Study of construction methods for different flooring materials such as natural stones, vitrified tiles, cement paving blocks, synthetic flooring tiles or rolls, laminated flooring tiles, etc.
Understanding of fixing methods, including tile-on-tile construction and other flooring installation techniques.

Unit 4 – Metals

- Ferrous and non-ferrous metals and alloys – Pig iron, cast iron, wrought iron, mild steel, high carbon steel, copper, aluminum, brass, bronze, and other alloys.

Study of properties, uses, and applications of the above-mentioned metals and alloys in interior and building construction.

Reference Books: -

1. Engg. Materials - K.S. Rangwala
2. Interior Design – Ahmed Kasu
3. Building Construction Volume 1– J.K.Macky
4. Building Construction Volume 2– J.K.Macky
5. Building Construction Volume 3– J.K.Macky
6. Building Construction Volume 4– J.K.Macky
7. The Construction of Buildings Volume 3 - Barry
8. The construction of Buildings Volume 4 - Barry
9. Building Construction Illustrated 5th Edition – Frances D.K. Ching

SYLLABUS FOR B. Des – II SEMESTER – IV

Title of the Course:	Design Software Skills	L	S	H	Credit												
OE	OE – IV	2	-	30	2												
Course Description: This course introduces students to essential digital design software used in the field of design and visualization. It focuses on developing fundamental skills in AutoCAD, Sketch Up, and Adobe Photoshop for drafting, 3D modeling, and visual presentation. Through practical exercises, students will learn to create, edit, and present design ideas digitally, enhancing their technical and creative abilities in contemporary design practice																	
Course Outcomes: - By the end of the course, students will be able to: - Understand the basics and interface of design software. - Create 2D drawings using AutoCAD. - Develop basic 3D models using Sketch Up. - Edit images and create visuals using Adobe Photoshop. - Present design work digitally in a structured and professional manner.																	
Assessments: Teacher Assessment: <table><tr><td>Assessment</td><td>Marks</td><td>Min</td></tr><tr><td>Internal Oral Examination</td><td>50</td><td>20</td></tr><tr><td>External oral Examination</td><td>-</td><td>-</td></tr><tr><td>End Semester Examination</td><td>50</td><td>20</td></tr></table>						Assessment	Marks	Min	Internal Oral Examination	50	20	External oral Examination	-	-	End Semester Examination	50	20
Assessment	Marks	Min															
Internal Oral Examination	50	20															
External oral Examination	-	-															
End Semester Examination	50	20															
Course Contents: Unit 1: Introduction to Design Software & Digital Basics - Basics of computer and digital design - Introduction to software interface, tools, and commands - Understanding file formats, layers, and workspace setup Unit 2: 2D Drafting using AutoCAD - Basic drawing and editing tools in AutoCAD - Creating lines, shapes, and dimensions - Simple 2D plans and layouts Unit 3: 3D Modelling using Sketch Up - Introduction to Sketch Up interface and tools - Creating basic 3D forms and models - Applying materials and basic rendering Unit 4: Image Editing & Presentation using Photoshop - Basics of Photoshop interface and layers - Image editing, colour correction, and effects - Preparing digital presentations and visual layouts																	
Reference Books: -																	

SYLLABUS FOR B. Des – II SEMESTER – IV

Title of the Course:	Graphics & CAD – IV	L	S	H	Credit
AEC/VEC/IKS	AEC – IV	2	4	30	2

Course Description:

Developing visualization and imaginative capabilities, which are essential for interior space design. A primary emphasis is placed on mastering one-point and two-point perspective techniques, as these are fundamental elements in the conceptualization and development of interior environments.

Course Outcomes:

- **Demonstrate and Develop Lighting Effects:** Create and manipulate shades and shadows to add depth and realism to interior design concepts.
- **Master Perspective Principles:** Explore and apply the principles of two-point and three-point perspective to accurately represent simple objects and complex interior spaces.
- **Execute Advanced Visualization:** Utilize 3D sketching techniques to explore the perspectives of interactive and dynamic interior designs.

Assessments:

Teacher Assessment:

Assessment	Marks	Min
Internal Oral Examination	50	20
External oral Examination	-	-
End Semester Examination	50	20

Course Contents:

Unit 1 – Introduction to Sociography and Study of Shades and Shadows

- Introduction to sociography and its principles.
- Study of shades and shadows and their importance in drawing and visualization.

Unit 2 – Implementation of Basic Concepts of Sociography in 2D

- Implementation of the concepts of sociography using point, line, shapes, and forms in two-dimensional compositions.

Unit 3 – Application of Sociography in One-Point Perspective Drawing

- Application of sociography in one-point perspective drawing of simple and complex objects related to interior and exterior views.

Unit 4 – Application of Sociography in Two-Point Perspective Drawing

- Application of sociography in two-point perspective drawing of simple and complex objects related to interior and exterior views.
- Emphasis on industry linkages to facilitate professional training and hands-on field experience.

Reference Books: -

1. Interior Design – Ahmed A Kasu
2. Design Drawing - Francis D.K Ching
3. Rendering with Pen & Ink - Robert Gill

SYLLABUS FOR B. Des – II SEMESTER – IV

Title of the Course:	Presentation Techniques - I	L	S	H	Credit
VSC/SEC	SEC- I	-	2	30	2

Course Description:

This course aims to train students in techniques of three-dimensional representation of built form using both manual and computer skills. It includes the study of interior photography and photographic techniques related to interior elements, application of various types of lenses, and rendering of architectural drawings such as plans, sections, elevations, and perspectives using different media.

Course Outcomes:

- Understand and apply techniques of 3D representation of built form manually and through digital tools.
- Develop skills in productivity techniques, management layers, and symbol generation for design documentation.
- Demonstrate proficiency in drafting and presentation using relevant software tools.

Assessments:

Teacher Assessment:

Assessment	Marks	Min
Internal Oral Examination	50	20
External oral Examination	-	-
End Semester Examination	-	-

Course Contents:

Computer Application in Interior Design

Unit 1:

- Use of draw tools and view controls; different types of styles such as dimension style, text style, and symbol library; drawing at different scales and composition of drawings at different scales. (Concept of paper space and model space).

Unit 2:

- Use of edit tools and view controls; different types of styles such as dimension style, text style, and symbol library; drawing at different scales and composition of drawings at different scales. (Concept of paper space and model space).

Unit 3:

- Introduction to other drafting and presentation software.

Unit 4:

- Introduction to the interface between different presentation software.

Reference Books: -

1. Rendering with Pen & Ink – Robert Gill
2. Residential Design Using AutoCAD 2022 – Daniel John Stine

SYLLABUS FOR B. Des – II SEMESTER – IV

Title of the Course:	Interior Services – II	L	S	H	Credit
AEC/VEC/IKS	VSC – I	2	-	30	2

Course Description:

This course supports the technical development of interior technology and design by exploring the various services integrated into interior environments. The curriculum focuses on understanding basic products used in professional services to ensure the creation of functional and effectually designed spaces. Key topics include the fundamentals of lighting, HVAC systems, and fire protection..

Course Outcomes:

- **Classify Systems:** Describe the various classifications and functions of lighting, climatology, and fire protection.
- **Technical Drafting:** Develop professional drawings and plans for lighting and fire protection systems.
- **Visualization:** Create accurate sketches of lighting systems and ventilators.
- **Equipment Analysis:** Describe different types of fire protection systems and their corresponding equipment.

Assessments:

Teacher Assessment:

Assessment	Marks	Min
Internal Oral Examination	50	20
External oral Examination	-	-
End Semester Examination	50	20

Course content:

Unit 1: Natural Lighting

- **Fundamentals:** Introduction to natural and artificial lighting principles.
- **Daylight Factors:** Study of daylighting, direct light, indirect light, and diffused light.

Unit 2: Artificial Illumination

- **Lighting Systems:** Exploration of direct, indirect, and diffused artificial lighting.
- **Fixtures & Fittings:** Study of down-lighters, wall washers, up-lighters, and task/accent lighting.

- **Technical Terminology:** Understanding units and lamps, including Lux, Lumens, Incandescent, Halogen, Fluorescent, Mercury, and Sodium Vapor lamps.
- **Safety & Accessories:** Analysis of flicker, emergency lighting, accessories, and protection devices.

Unit 3: Climatology & HVAC

- **Building Environments:** Study of ventilation, furniture requirements, and the heat balance of the human body.
- **HVAC Systems:** Introduction to natural and artificial ventilation rules and systems.

Unit 4: Fire Protection

- **System Requirements:** Introduction to fire protection, water requirements, and firefighting systems.
- **Equipment & Infrastructure:** Analysis of internal/external wet and dry risers, sprinkler systems, and firefighting equipment.
- **Safety Design:** Design considerations for means of escape, staircases, and lifts.

Reference Books:

1. Building Services – S. M. Patil
2. Water Supply & Sanitary Engineering – Ranwala
3. Interior Design – Ahamad kasu

GENRAL NATURE OF QUESTION PAPERS.

Bachelor of Design – Second Year (B. Des) Semester – IV Sub- Interior Technology & Material – II

**Total Marks: - 50
Duration: - 2 hrs**

Instructions: -

- 1. Q. No.1 & 2 is compulsory and answer any two of remaining questions.**
 - 2. Illustrate your answer wherever necessary.**
 - 3. Figures at the right indicate full marks.**
 - 4. Assume suitable data wherever necessary & mention it.**
 - 5. Draw neat sketches wherever necessary.**
-

- | | |
|---|----|
| 1. Design & Draft: | |
| a) | 10 |
| b) | 10 |
| c) | 09 |
| 2. Answer the following with sketches: | |
| a) | 07 |
| b) | |
| 3. Answer the following: | 07 |
| 4. Answer the following questions: - | 07 |
| 5. Answer the following questions in brief: | 07 |

GENERAL NATURE OF QUESTION PAPERS.

Bachelor of Design – SECOND YEAR (B.Des)

Semester – IV

Sub- Graphics & CAD - IV

Total Marks: - 50

Duration: - 3 hrs

Instructions: -

- 1. All the questions are compulsory.**
 - 2. Figures given to the right indicate marks of the questions.**
 - 3. Assume suitable data wherever necessary and mention it.**
-

- | | |
|--|----|
| Q. 1 Draw Plan\ first elevation \ side elevation\ section of the object given. | 20 |
| Q. 2 Draw perspective view of the object given. | 15 |
| Q. 3 Draw Sociography in plan, elevation & in perspective in Q no. 1 & Q. no 2 | 15 |

(Note: - Marking Distribution will be as per requirement)

Bachelor of Design – Second Year (B.Des)

Semester – IV

Sub- Interior Services - I

Total Marks: - 50

Duration: - 2 hrs

Instructions: -

- 1 Q. No.1 is compulsory and answers any three of remaining questions.**
 - 2 Illustrate your answer wherever necessary.**
 - 3 Figures at the right indicate full marks.**
 - 4 Assume suitable data wherever necessary & mention it.**
 - 5 Draw neat sketches wherever necessary.**
-

- | | | |
|---|--|----|
| 1 | Write short notes with sketches (any four) | 20 |
| | a) | |
| | b) | |
| | c) | |
| | d) | |
| | e) | |
| 2 | Explain the following | 10 |
| | a) | |
| | b) | |
| 3 | Long question: - | 10 |
| 4 | Long question: - | 10 |
| 5 | Long question: - | 10 |