



सावित्रीबाईफ ले पुणे विद्यापीठ

Savitribai Phule Pune University, Pune, Maharashtra, India

Faculty of Science and Technology



First Year B. Design (Interior Design) 2025 Pattern

(With effect from Academic Year 2025-26)

First Year B. Design (Interior Design) 2025 Pattern

Level 4.5										
Semester I										
Course Code	Course Type	Course Name	Teaching Scheme (Hrs./week)		Examination Scheme and Marks			Credits		
			Lecture	Studio	CIE/ In Sem	ESE/ Th/SV/SS	Total	Lecture	Studio	Total
1202501	Major Core	Fundamentals of Design I (SV)	2	6	75	75	150	2	3	5
1202502	MInor	Basic Sciences (Th)	2	-	30	70	100	2	-	2
1202503	MInor	Basic Sciences (SS)	-	2	50	50	100	-	1	1
1202504	Minor	Free Hand Drawing (SS)	2	6	75	75	150	2	3	5
1202505	Skill Enhancement Course (SEC)	Geometric Construction (SS)	1	4	50	50	100	1	2	3
1202506	Ability Enhancement Course (AEC)	Model Making (SS)	-	4	25	25	50	-	2	2
1202507	Indian Knowledge Systems (IKS)	Humanities (SS)	1	2	25	25	50	1	1	2
1202508	Co-Curricular	Audit Course	2	-	-	-	-	-	-	2
Total			10	24	330	370	700	8	12	22

Level 4.5										
Semester II										
Course Code	Course Type	Course Name	Teaching Scheme (Hrs./week)		Examination Scheme and Marks			Credits		
			Lecture	Studio	CIE/ SS In Sem	ESE/ Th/SV/SS	Total	Lecture	Studio	Total
1202509	Major Core	Fundamentals of Design II (SV)	2	6	75	75	150	2	3	5
1202510	Minor	Design Process (Th)	2	-	30	70	100	2	-	2
1202511	Minor	Design Process (SV)	-	4	50	50	100	-	2	2
1202512	Minor	Free Hand Drawing & Visualisation (SS)	2	4	75	75	150	2	2	4
1202513	Skill Enhancement Course (SEC)	Analytical Drawing (SS)	1	4	50	50	100	1	2	3
1202514	Indian Knowledge Systems (IKS)	Art Appreciation & Appraisal (SS)	1	-	25	25	50	1	-	1
1202515	Indian Knowledge Systems (IKS)	Environmental Perception (SS)	1	4	25	25	50	1	2	3
1202516	Co-Curricular	Audit Course	2	-	-	-	-	-	-	2
Total			11	22	330	370	700	9	11	22

Level 5

Semester III										
Course Code	Course Type	Course Name	Teaching Scheme (Hrs./week)		Examination Scheme and Marks			Credits		
			Lecture	Studio	CIE/ In Sem	ESE/ Th/SV/SS	Total	Lecture	Studio	Total
2202617	Major Core	Design Project 1(SV)	2	8	100	100	200	2	4	6
2202618	Major Core	Material & Construction Techniques 1 (SV)	2	4	50	50	100	2	2	4
2202619	Minor	Elements of Space Design 1(SV)	2	4	75	75	150	2	2	4
2202620	Minor	History of Interior Design1(P)	2	–	30	70	100	2	–	2
2202621	Minor	History of Interior Design1	–	2	–	–	–	–	2	1
2202622	Ability Enhancement Course	Interior Drawings & Graphics1(SS)	1	4	50	50	100	1	2	3
2202623	Major Elective	Electives1 - (<i>Software elective</i>) (SS)	1	2	25	25	50	1	1	2
Total			10	24	330	370	700	10	13	22
Level 5										
Semester IV										
Course Code	Course Type	Course Name	Teaching Scheme (Hrs./week)		Examination Scheme and Marks			Credits		
			Lecture	Studio	CIE/ In Sem	ESE/ Th/SV/SS	Total	Lecture	Studio	Total
2202624	Major Core	Design Project 2 (P)	2	–	50	50	100	2	–	2
2202625	Major Core	Design Project 2 (SV)	–	8	100	100	200	–	8	4
2202626	Major Core	Material & Construction Techniques 2 (SV)	1	4	50	50	100	1	2	3
2202627	Minor	Elements of Space Design 2 (SV)	1	4	75	75	150	1	2	3
2202628	Minor	Interior Services 1(P)	2	–	30	70	100	2	–	2
2202629	Minor	Interior Services 1 (SS)	–	2	50	50	100	–	1	1
2202630	Minor	History of Interior Design 2 (P)	2	–	30	70	100	2	–	2
2202631	Minor	History of Interior Design 2	–	2	–	–	–	–	2	1
2202632	Ability Enhancement Course	Interior Drawings & Graphics2 (SS)	1	2	50	50	100	1	1	2
2202633	Major Elective	Electives 2 (SS)	1	2	25	25	50	1	1	2
2202634	Vocational Skill Course	Vocational Education	–	–	–	–	–	–	–	2
Total			10	24	460	540	1000	10	17	24
Vocational Skill Course (VSC) : To be done in in the vacation OR after academic hours within Semester.The total duration shall be of 70 to 90 hrs. It should be selected from the list of vocational courses given in Annexure B.										
Level 5.5										

Semester V										
Course Code	Course Type	Course Name	Teaching Scheme (Hrs./week)		Examination Scheme and Marks			Credits		
			Lecture	Studio	CIE/ In Sem	ESE/ Th/SV/SS	Total	Lecture	Studio	Total
3202735	Major Core	Design Project 3 (SV)	2	10	125	125	250	2	5	7
3202736	Major Core	Material & Construction Techniques 3 (SV)	2	4	50	50	100	2	2	4
3202737	Minor	Interior Services 2 (P)	2	–	30	70	100	2	–	2
3202738	Minor	Interior Services 2	–	2	50	50	100	–	1	1
3202739	Indian Knowledge Systems	Craft & Cultural Documentation (SV)	1	4	75	75	150	1	2	3
3202740	Values Education Course	Responsive Environments (SS)	1	2	50	50	100	1	1	2
3202741	Major Elective	Electives 3 (SS)	2	2	50	50	100	2	1	3
Total			10	24	430	470	900	10	12	22
Level 5.5										
Semester VI										
Course Code	Course Type	Course Name	Teaching Scheme (Hrs./week)		Examination Scheme and Marks			Credits		
			Lecture	Studio	CIE/ In Sem	ESE/ Th/SV/SS	Total	Lecture	Studio	Total
3202742	Major Core	Design Project 4 (P)	2	–	50	50	100	2	–	2
3202743	Major Core	Design Project 4 (SV)	–	10	125	125	250	–	5	5
3202744	Major Core	Material & Construction Techniques 4 (SV)	2	6	50	50	100	2	3	5
3202745	Minor	Estimation & Costing (P)	2	–	30	70	100	2	–	2
3202746	Minor	Estimation & Costing (SS)	–	2	25	25	50	–	1	1
3202747	Ability Enhancement Course	Research Methods (SS)	1	2	50	50	100	1	1	2
3202748	Skill enhancement Course	Professional Practice (SS)	1	2	50	50	100	1	1	2
3202749	Major Elective	Electives 4 (SS)	2	2	50	50	100	2	1	3
3202750	Vocational Skill Course	Vocational Education	–	–	–	–	–	–	–	2
Total			10	24	430	470	900	10	12	24
Vocational Skill Course (VSC) : To be done in the vacation OR after academic hours within Semester. The total duration shall be of 70 to 90 hrs. It should be selected from the list of vocational courses given in Annexure B.										
Level 6.0										

Semester VII										
Course Code	Course Type	Course Name	Teaching Scheme (Hrs./week)		Examination Scheme and Marks			Credits		
			Lecture	Studio	CIE/ In Sem	ESE/ Th/SV/SS	Total	Lecture	Studio	Total
4202851	On Job Training (OJT)	Industrial Training (SV)	–	–	150	150	300	–	–	20
Total			0	0	150	150	300	0	0	20
Level 6.0										
Semester VIII										
Course Code	Course Type	Course Name	Teaching Scheme (Hrs./week)		Examination Scheme and Marks			Credits		
			Lecture	Studio	CIE/ In Sem	ESE/ Th/SV/SS	Total	Lecture	Studio	Total
4202852	Major Core	Graduation Project (SV)	2	24	250	250	500	2	12	14
4202853	Skill enhancement Course	Entrepreneurship (SS)	2	2	50	50	100	2	1	3
4202854	Open Elective	Elective 5 (SV)	2	2	50	50	300	1	1	3
Total			6	28	350	350	900	5	14	20



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Preface

This curriculum aims to provide students with a holistic approach to Design education ensuring a strong foundation in Aesthetics and Technical courses.

The syllabus has been designed considering 11 verticals, Major Core, Major Elective, Vocational Skill Courses, Indian Knowledge Systems, Field Project/ On Job Training, Minor courses, Open Elective, Skill enhancement courses, Ability enhancement courses, Value education courses and co-curricular courses. The professional core subjects are supported by science and technology courses, skill oriented courses, and the courses from Humanities & Electives.

The syllabus encourages experiential and participative learning, where theoretical concepts are strengthened in the Lecture sessions and the Design abilities are developed in the Studio sessions. It promotes innovation, encouraging students to engage in projects from the early stages of their academic journey.

At the end of the course the graduating student will be able to methodically approach a problem to create design solution employing knowledge from various domains and at the same time making it safe, equitable, feasible and environment friendly.

This document also provides information on the credit system, course contents, examination and evaluation scheme along with guidelines to make best use of the curriculum designed.

Programme Outcomes (POs)

PO1	Knowledge	Apply the knowledge of Design fundamentals Theory and Technical subjects for solution of complex Design problems.
PO2	Problem analysis	Identify, formulate, review research literature, and systematically analyze simple and complex Design problems.
PO3	Creativity & Innovation	To empower students with the knowledge and skills to foster creativity and innovation in interior design by exploring design thinking, spatial planning, materials, technology integration, sustainability, and collaborative processes.
PO4	Design / Development	Provide Interior Design solutions that meet the specified needs with appropriate consideration for the personal/public health and safety, cultural, societal, Aesthetics and Environmental considerations.
PO5	Conduct Investigations of Complex Problems	Use research-based knowledge and research methods, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
PO6	Designer and Society	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the profession of Interior Design.
PO7	Environment and Sustainability	Understand the impact of the profession in societal and Environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
PO8	Ethics	Apply ethical principles and commit to professional ethics & responsibilities and norms of Interior Design practice.
PO9	Individual and Team Work	Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
PO10	Communication Skills	Communicate effectively on complex Design activities with the Design community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
PO11	Modern Tool Usage	Create, select, and apply appropriate techniques, resources, modern Software and tools to provide Design solutions.
PO12	Project Management and Finance	Demonstrate knowledge and understanding of management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary Environments.
PO13	Life-long Learning	Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broader context.

Course Learning Outcomes (CLOs)

1. Knowledge
2. Principles & Theory
3. Creative Thinking
4. Critical Thinking
5. Problem solving skills
6. Communication Skills
7. Collaborative working
8. Multicultural competence
9. Empathy & Inclusivity
10. Judgement for decision making

Abbreviations

AEC	Ability Enhancement Course
CC	Co- curricular courses
CIE	Continuous Internal Evaluation
CO	Course Outcome
ELC	Experiential Learning Courses
ESE	End Semester Examination
FP	Field Project
In Sem	In Semester Examination
IKS	Indian Knowledge System
INT	Internship
MDM	Multidisciplinary Minor
OE	Open Elective
OJT	On Job Training
PO	Programme Outcomes
PRJ	Project
PSO	Programme Specific Outcome
RM	Research Methodology
S	Studio
SEC	Skill Enhancement courses
SS	Sessional Assessment
SV	Sessional Viva
TH	Theory
V	Verticals
VEC	Value Education Course
VSC	Vocational Skill Course

PROGRAMME STRUCTURE

1. ELIGIBILITY CRITERIA

The student completing 10+2 years obtained at least 45% marks (40% marks in case of candidates belonging to reserved category) in the qualifying examination, or D. Voc. stream in the same or allied sector with NCrF level 4.0. [AICTE APH 2024 -27, page 103 Sr. No.4b]

2. SCHEME OF ASSESSMENT

A candidate to be eligible for the degree of Bachelor of Design will be required to appear for and pass examinations as under:

S. No..	SEMESTER	CREDITS
1	SEM I	22
2	SEM-II	22
TOTAL CREDITS FOR FIRST YEAR B. DES.		44
1	SEM III	22
2	SEM IV	24
TOTAL CREDITS FOR SECOND YEAR		46
1	SEM V	22
2	SEM VI	24
TOTAL CREDITS FOR THIRD YEAR		46
1	SEM VII	20
2	SEM VIII	20
TOTAL CREDITS FOR FOURTH YEAR		40
TOTAL CREDITS		176

Total Credits of the course =176

3. CREDIT SYSTEM

Credits are allotted as per the Document National Higher Education Qualifications Framework (NHEQF) and are as under:

Credits are the weightages assigned to the courses based on the following pattern:

a) One hour of Lecture --- 1 credit

b) Two hours of Studio --- 1 credit

A total of 168 credits are assigned to the curriculum of B. Des. Total week in one semester- 16 weeks.

The credits are allotted as 20 Credits per semester, in the First and Fourth year and as 22 credits per semester in the Second and Third years.

Two Contact hours per semester, in the First Year are assigned to Audit courses, offered by the Colleges. These will be the courses aligned with College philosophy or peripheral knowledge.

4. GRANTING OF TERM

Academic Year will consist of Two SEMESTERS. The internal teacher throughout the semester shall continuously assess sessional work prepared by the students. At the end of every semester, assessment shall be done either by the internal teacher / jointly by the internal and external examiners as prescribed in the examination scheme of the syllabus.

The candidates will be permitted to appear for the examinations at the end of each semester only if he/she keeps term at a college affiliated to the university and produces testimonials for:

4.1. 75% attendance in each head of passing of Theory and/or Sessional work as prescribed by the University.

4.2. Satisfactory completion of the Sessional Work prescribed for each subject and secured at least passing marks in the Internal Assessment for the same.

4.3. Good conduct.

5. EXAMINATIONS

Examination at the end of the Semester, shall have separate heads of passing as:

- Theory paper (Th)
- Sessional (Internal+ External) , (SS) and
- Sessional and viva- voce based on Sessional Work, as prescribed in the syllabus (SV).

6. SESSIONAL WORK ASSESSMENT

6.1 Continuous Assessment for Sessional to be maintained and record to be kept by the subject faculty. The progressive work done by a student throughout the semester to be maintained for B. Des. courses.

6.2 The weightage of this Continuous Internal Evaluation [CIE] shall be 50% of the total marks allocated for the sessional work. The remaining 50% marks to be given by the external examiner during the SV/SS. Break up of marks is mentioned in detailed syllabus in respective subjects.

6.3 In respect of Sessional work the target date shall be fixed for the completion of each assignment. All assignments shall be continuously assessed by the Internal Teacher during each semester.

6.4 Viva voce to be jointly conducted by Internal and External examiner at the end of the semester from amongst the panel approved by the university. For subjects having both sessional assessment and viva voce the marks to be entered as an aggregate of sessional and viva voce.

6.5 For the Viva, Assessment shall be done by an External Examiner who is an external to the college, i.e. teacher from other college or a Professional having expertise in the same area.

6.6 An examiner for any of the subjects of examination from First to Third year, shall have a minimum of **FIVE YEARS** of teaching or professional experience in his / her field of study.

6.7 For Final Year examination external assessment shall be carried out by a Professional not teaching in any of the colleges under University of Pune. To qualify for the External Examiner at Final Year, the professional shall have a minimum of **TEN YEARS** of professional experience.

6.8 Performance of sessional/viva voce Examination shall be assessed on the basis of the depth of understanding of the principals involved and not on the basis of mere correctness or results of ornamental or colourful presentation.

6.9 Students may use computers for preparing sessional work where the nature of work is unique to an individual and stress is on content rather than skill. For the common forms of work, drawings and reports/notes shall be manually prepared.

6.10 Submission Guidelines:

Sessional/ Sessional Viva work shall be submitted in the form of Portfolio in a bound/ compiled format. All the components must be included and properly organized before submission.

Evaluation Criteria:

1. Creativity (60%) 2. Completion of work (20%) 3. Organisation & Presentation (20%)

6.11 Theory Paper conducted by the University and assessed at the CAP centre.

6.12 Vocational courses work shall be considered for assessment (SS) at the end of the IV and VI semesters.

7. ASSESSMENT AND GRADE POINT AVERAGE

7.1 A grade assigned to each head based upon marks obtained by the student in the examination of the course.

Table 1 GRADING SYSTEM FOR PASSING HEADS (THEORY PAPER)

Grade Remarks	Grade Points	% of Marks Obtained	Remarks
O	10	90-100	Outstanding
A	9	80-89	Very good
B	8	70-79	Good
C	7	60-69	Fair
D	6	50-59	Average
E	5	45-49	Pass
F	0	Below 45	Fail

Table 2 GRADING SYSTEM FOR [SESSIONAL/ SESSIONAL VIVA and AGGREGATE]

Grade Remarks	Grade Points	% of Marks Obtained	Remarks
O	10	90-100	Outstanding
A	9	80-89	Very good
B	8	70-79	Good
C	7	60-69	Fair
D	6	50-59	Average
F	0	Below 50	Fail

7.2 Passing grades for various heads:

The grades O, A, B, C, D & E are passing grades for theory papers. The grades O, A, B, C & D are passing grades for sessional and/or sessional viva voce heads. A candidate acquiring any one of these grades shall be declared as pass only in that particular head.

7.3 Passing grades for Aggregate: The grades O, A, B, C & D are passing grades in the aggregate.

7.4 F grade for various heads: The grade F is a failure grade. The student with F grade will have to pass the concerned course by reappearing for the examination.

7.5 F grade for aggregate: The grade F is a failure grade for aggregate. The student with F grade will have to appear for paper &/ or sessional &/or sessional viva voce for improvement of aggregate.

8. PERFORMANCE INDICES

8.1 The semester-end grade sheet will contain grades for the course along with titles and SGPA. The final grade sheet and transcript shall contain CGPA.

8.2 SGPA: The performance of a student in a semester is indicated by a number called the semester grade point average (SGPA).

The SGPA is the weighted average of grade points obtained in all the courses registered by the student during the semester.

$$\text{Semester Grade Point Average (SGPA)} = \frac{\sum_{i=1}^p CiGi}{\sum_{i=1}^p Ci}$$

$$= \frac{\Sigma \text{Grade Points earned} \times \text{Credits for each course}}{\text{Total Credits}}$$

For example : Suppose in a given semester a student has registered for five courses having credits C1, C2, C3, C4, C5 and his / her grade points in those courses are G1, G2, G3, G4, G5 respectively, Then the SGPA would be

$$\text{SGPA} = \frac{C1G1 + C2G2 + C3G3 + C4G4 + C5G5}{C1 + C2 + C3 + C4 + C5}$$

SGPA is calculated up to two decimal places by rounding off.

8.3 CGPA : The CGPA is the weighted average of the grade points obtained in all the courses (theory /sessional / sessional viva-voce) of all eight semesters. It is calculated in the same manner as the SGPA. It is calculated based upon the SGPA of the concerned semesters

9. RESULT

Based on the performance of the student in the semester examinations, the Savitribai Phule Pune University will declare the results and issue the Semester grade sheets. The class shall be awarded to a student on the CGPA calculated in rule no. 9.

The award of the class shall be as per the table below.

Table 3

S. No.	CGPA	Class of degree awarded
1	7.42 (66%) or more	First class with distinction
2	6.75 (60%) or more but less than 7.41 (65.86%)	First class
3	6.18 (55%) or more but less than 6.74 (59.98%)	Higher second class
4	5.62 (50%) or more but less than 6.17 (54.91%)	Second class

10. INTRODUCTION OF THIS CURRICULUM.

The new curriculum for the degree course in B.Des. (Interior Design) will, be introduced gradually as under:

- a) First year B.Des. (Interior Design) course from June 2025.
- b) Second year B.Des. (Interior Design) course from June 2026
- c) Third year B.Des. (Interior Design) course from June 2027.
- d) Fourth year B.Des. (Interior Design) course from June 2028.

Guidelines for Examination Scheme

Theory Examination: The Theory examination shall be conducted in two different parts In Semester Examination (In Sem) and End-Semester Examination (ESE) for Theory subjects.

In Semester Examination

In Semester Examination of 30 marks based on Units of Theory courses to be scheduled and conducted at institute level. The formats of assessment may be any one/two from these:

Sr.	Formats
1.	Unit Test
2.	Assignments / Case Study
3.	Seminar Presentation / Open Book Test/ Quiz

Format and Implementation of In Semester Examination (In Sem)

Unit Test:

Format: Questions designed as per Bloom's Taxonomy guidelines to assess various cognitive levels (Remember, Understand, Apply, Analyze, Evaluate, Create).

Implementation: Schedule the test after completing 2 to 3 Units. Ensure the question paper is balanced and covers key concepts and applications.

Assignments / Case Study:

Format: Students should submit one assignment or one Case Study Report based on Units given in the Syllabus

Format: Problem-solving tasks, theoretical questions, practical exercises, or case studies that require in- depth analysis and application of concepts.

Implementation: Distribute the assignments or case study after covering identified Units. Provide clear guidelines and a rubric for evaluation of Case Study Reports

Seminar Presentation:

Format:

- Oral presentation on a topic by a Q&A session.
- Deliverables: Presentation slides, a summary report in 2 to 3 pages, and performance during the presentation.

Implementation: Schedule the seminar presentations appropriately. Provide students with ample time

to prepare and offer guidance on presentation skills.

Open Book Test:

Format: Analytical and application-based questions to assess depth of understanding.

Implementation: Schedule the open book test appropriately, ensuring it covers critical aspects of Units identified.

Quiz :

Format: Quizzes can help the students practice existing knowledge while stimulating interest in learning about new topic in that course. Quizzes can be set to be completed individually or in small groups. **Implementation:** Online tools and software can be used create quiz. Each quiz is made up of a variety of question types including multiple choice, missing words, true or false etc

Evaluation and Feedback:

Unit Test: Evaluate promptly and provide constructive feedback on strengths and areas for improvement. **Assignments / Case Study:** Assess the quality of submissions based on the provided rubric. Offer feedback to help students understand their performance.

Seminar Presentation: Evaluate based on content, delivery, and engagement during the Q&A session. Provide feedback on presentation skills and comprehension of the topic.

Open Book Test: Evaluate based on the depth of analysis and application of concepts. Provide feedback on critical thinking and problem-solving skills.

By following this scheme, ensure a structured and comprehensive evaluation of students understanding and application of the course material, adhering to Bloom's Taxonomy guidelines for cognitive skills evaluation.

End-Semester Examination (ESE)

End-Semester Examination (ESE) of 70 marks written theory examination based on all the units of course syllabus scheduled by university. University shall schedule and conduct ESE at the end of the semester.

Format and Implementation of End-Semester Examination (ESE)**Question Paper Design**

Below structure is to be followed to design an End-Semester Examination (ESE) for a theory subject of 70 marks on all units of the syllabus with questions set as per Bloom's Taxonomy guidelines.

Balanced Coverage: Ensure balanced coverage of all units with questions that assess different cognitive levels of Bloom's Taxonomy: Remember, Understand, Apply, Analyze, Evaluate, and Create. The questions should be structured to cover:

- Remembering: Basic recall of facts and concepts.
- Understanding: Explanation of ideas or concepts.
- Applying: Use of information in new situations.
- Analyzing: Drawing connections among ideas.
- Evaluating: Justifying a decision or course of action.
- Creating: Producing new or original work (if applicable).

Detailed Scheme: Unit-Wise Allocation : Each unit shall have a combination of questions designed to assess different cognitive levels. By following this scheme, it can be ensured that a comprehensive and fair assessment of students' is achieved understanding and application of the course material, adhering to Bloom's Taxonomy guidelines for cognitive skills .

Guidelines for Students Induction Programme (SIP) for First Year Interior Design

When First Year Interior Design students enter an institution, they come with diverse thoughts, backgrounds and preparations. It is important to help them adjust to the new environment and inculcate in them the ethos of the institution with a sense of larger purpose. Induction Programme for First Year Interior Design students is introduced to familiarize them to the new environment of Design education.

Induction Programme should be of preferably **Two weeks at the beginning of the Ist Semester.**

In order to implement the (SIP) the following activities can be taken at college.

a. Orientation towards Design Education: The students should be oriented towards understanding the significance of design as a discipline and its broad applications across various fields. This can be achieved by organizing workshops and hands-on activities, where small creative tasks are assigned to engage them actively.

b. Lectures by Eminent People: - The lectures of eminent people should be organized to inspire and expose the students to Design education, Profession, Practice and its related aspects.

c. Familiarization with Curriculum, College, Department and other facilities:- The incoming student should be told about the Curriculum & Credits, Grading system and Scheme of the examination. They should be explained how the study in College differs from the study in school. They should be taken on College tour and shown important facilities such as library, canteen, gymkhana etc.

d. Mentoring:- Mentoring and connecting the students with faculty members and other students is the most important part of student induction. This can be effectively achieved by forming student groups, each guided by a faculty member, to foster active participation through group discussions and hands-on activities.

e. Introduction to Committees and Cells: Introducing them to various committees and cells constituted in the College and informing them about their roles and functions.

f. Extracurricular activities in College:- The new students should be introduced to the extracurricular activities at the College.

g. Student Interaction

- **Interaction amongst students:** Activities to promote interaction amongst freshly admitted students should be conducted to develop comfortable relations amongst them. This can be organized through Games, Sports, hands on activities or creative art performances.

- **Interaction with Seniors :** Activities to promote interaction amongst the 1st year students and students in the higher years should be arranged to develop a healthy environment.

h. Feedback and Report on the Programme:-Students should be asked to give their Programme Feedback on their experience of the Programme. The Faculty should prepare a report of the students based on the performances and participation of the students in the various activities of SIP. This report can be referred by all the teachers for a correct understanding on the strengths, the weaknesses, the culture and background of the students.

i. Proficiency modules: - Based on the above reports & feedback, the sessions/ modules can be designed by the Institute to overcome some critical lacunas that students might have like English Speaking, Computer familiarity etc. or any other aspects required for undergoing Design education.

These are summarized guidelines to be given to the student for induction Programme (SIP). Please refer SIP Manual published by AICTE for detail guidelines at <https://www.aicte-india.org/content/student-induction-Programme-detailed-guide>.



सावित्रीबाई फुले पुणे विद्यापीठ

Savitribai Phule Pune University
Faculty of Science and Technology

Semester - I



DETAILED SYLLABUS OF B.DES. (INTERIOR DESIGN) FIRST YEAR - SEMESTER I (2025 Pattern)

www.unipune.ac.in

FUNDAMENTALS OF DESIGN I		
COURSE CODE	1202501	
TEACHING SCHEME	EXAMINATION SCHEME	
TOTAL CONTACT HOURS PER WEEK 2 Lectures + 6 Studio TOTAL = 8 hrs/week	CIE	75
	SV	75
	Paper	Nil
TOTAL MARKS	150	
TOTAL CREDITS	5	

COURSE OBJECTIVE:

Understanding Principles and Elements of Design to help students grasp the fundamentals of design as a basic creative activity. The students will learn about the basic elements of design through exercises and study models aimed at experimentation and hands on learning.

COURSE CONTENT:

Unit 1: Introduction to design elements, point, line, plane, shape, form, space.

Unit 2: Understanding Principles of Design through compositions –

Rhythm, Harmony, Order, Chaos, Alignment, Repetition, Pattern, Balance, etc

Unit 3: Introduction to Material and Texture.

Unit 4: Color, Light (Introductory)

Unit 5: Introduction to Anthropometry (with reference to scale and proportion)

Unit 6: Scale and proportion

COURSE OUTCOME:

- The students will develop the ability to understand the fundamentals used in design, and their relevance by study of various design elements and principles and their application in two-dimensional and three-dimensional compositions.
- The students will develop understanding of the scale and proportions in relation to objects and spaces.
- The students will understand the creative process, developing their creative skills.
- They will develop awareness about psychology of visual perception.

SUBMISSION REQUIREMENT FOR SESSIONAL WORK

Unit 1- Minimum 2 assignments to understand their role in design, and their connections.

Unit 2- Minimum 1 assignment for each of the design Principle.

Unit 3- Assignment on collection of 8 to 10 materials for understanding of texture.

Unit 4- Colour wheel and basic colour schemes on sheets.

Unit 5- Human anthropometry, in minimum 5 body postures.

Unit 6- Golden ratio, Vitruvian man.

NOTE : All assignments to be done on A-2 size sheets.

METHOD OF INSTRUCTION

Unit 5 can be instructed by including the following typologies such as: Hospitals, Bank systems, Institutions, Corporate Offices. The discussions on assignments can be specific with respect to disciplines.

Site visit to the selected typologies can be organised for the students to observe and document to understand the anthropometry in detail.

Online lectures for some topics from NPTEL, Coursera should be organised.

RECOMMENDED READINGS:

1. Visual Thinking by Frank M. Young
2. Principles Of Gestalt Psychology by Kurt Koffka
3. The Art of Looking Sideways by Alan Fletcher
4. Signs and Symbols by Adrian Frutiger
5. Principles of Design through Photography by Deepak John Matthew
6. Form, Space and Order by Francis D.K. Ching
7. Basic Design and Anthropometry by Shirish Vasant Bapat
8. Lateral Thinking by Edward de Bono
9. Drawing, a Creative process by Francis D.K. Ching

Websites: www.graphicdesignbasics.com , www.justcreative.com

BASIC SCIENCES		
COURSE CODE	1202502 (Th)	1202503 (SS)
TEACHING SCHEME	EXAMINATION SCHEME	
TOTAL CONTACT HOURS PER WEEK 2 Lectures + 2 Studio TOTAL = 4 hrs/week	Theory	100
	In Sem.	30
	End Semester	70
	SS	100
	CIE	50
	External	50
TOTAL MARKS	200	
TOTAL CREDITS	3	

COURSE OBJECTIVE:-

The course is aimed towards providing basic and relevant scientific concepts required in Design discipline, to the students coming from different educational backgrounds. This knowledge will equip the students towards better understanding and linking of technical aspects and application based subjects in curriculum and profession.

COURSE CONTENT:

Understanding basic scientific concepts like:

Unit 1: Materials :- Metals and non metals and their fundamental properties.

Unit 2: Work, Energy & Power : Kinetic & Potential energy, Thrust & Pressure, Work done by Force, Energy & Power.

Unit 3: Sound :- Nature of sound & its propagation in various media, reflection of sound.

Unit 4: Light : Nature of light & its properties, is propagation in different mediums.

Unit 5: Gravitation

Unit 6: Current & Electricity :- Conductors & non conductors, electric circuits.

Unit 7: Motion:- Displacement, Acceleration, Uniform & non Uniform motion, Force & Motion

COURSE OUTCOME :

The student will be able to comprehend, understand and provide interventions in Design areas that need technical knowhow and addressal.

SUBMISSION REQUIREMENT FOR SESSIONAL WORK

Journal writing - Minimum 1 assignment in each Unit explaining conceptual understanding, and examples on the topics mentioned.

METHOD OF INSTRUCTION

Basic instructions should be given in the Lecture format. Visits to Science labs, workshops should be organised for better understanding.

Online lectures for some topics from NPTEL, Coursera should be organised.

RECOMMENDED READINGS:

1. Physics Made Simple: A Complete Introduction to the Basic Principles of This Fundamental Science by Christopher G. De. Pree
2. Physics I for Dummies (A Wiley brand) by Stevan Holzner.
3. NCERT- Science Textbooks, class VIII, class IX, for subjects of Chemistry, Physics, Algebra, Geometry etc.

WEBSITES: <https://www.khanacademy.org/science/physics>

GEOMETRIC CONSTRUCTION		
COURSE CODE	1202504	
TEACHING SCHEME	EXAMINATION SCHEME	
TOTAL CONTACT HOURS PER WEEK 1 Lectures + 4 Studio = 5 Hrs./wk	Sessional SS	100
	CIE	50
	External	50
	Paper	Nil
TOTAL MARKS	100	
TOTAL CREDITS	3	

COURSE OBJECTIVE:

Understanding geometry of objects, shapes and forms by observing and analyzing.

Learning technical methods of drawing Plan, Elevation, Sections of basic shapes and forms.

COURSE CONTENT:-

Unit 1: Introduction to methods of drawing through various instruments, and their handling techniques.

Unit 2: Introduction to standard fonts of letter and number.

Unit 3: Construction of shapes and objects starting from point, line and plane.

Unit 4: Construction of platonic shapes by circle and angle methods.

Unit 5: Orthographic projection techniques.

Unit 6: Isometric view of objects.

Unit 7: Axonometric view of objects.

COURSE OUTCOME :

- The students will be able to understand the drawing tools and accessories and acquire knowledge of good drafting and lettering techniques;
- They will be able to comprehend and visualize geometrical forms through projection methods.

SUBMISSION REQUIREMENT FOR SESSIONAL WORK:

Unit 1: Division of line, angle and circle. Types of lines and tonal variations (min. 2 sheets)

Unit 2: Lettering (min 2 sheets)

Unit 3: 2 sheets showing the presentation of given elements and their relation.

Unit 4: Drafting of basic geometric shapes (min 6 shapes like Triangle, square etc by each method.)

Unit 5: Orthographic projections of square, triangle, circle (prism & pyramid) (min 3 + 3 forms)

Unit 6, and

Unit 7: Isometric, Axonometric views of at least square, triangle, circle-based prism and pyramid. (min 4+4 forms).

All assignments to be done on A2 size sheets.

METHOD OF INSTRUCTION

The units should be taught in the form of Lectures. The assignments should be given in the studios. During the instruction, 3D models should be kept for referencing and better understanding of unit 5, 6 and 7.

Online lectures for some topics from NPTEL, Coursera should be organised.

RECOMMENDED READINGS :-

1. Form, Space and Order by Francis D. K. Ching
2. Designer Primer by Tom Porter and Sue Goodman
3. Precedents in Architecture by Roger H. Clark and Michael Pause
4. A J Metric Handbook
5. Structure in Nature – Strategy for design by Peter Pearce
6. Patterns in Nature by Peter Streens
7. Design Drawing by F.D.K. Ching
8. Perspective and Sciography by Shankar Mulik
9. Architectural Graphic Standard by Ramsey and Sleeper
10. Manual of Graphic Technology by Porter and Goodman
11. Lettering for Architects and Designers by M. Suther

FREE HAND DRAWING		
COURSE CODE	1202505	
TEACHING SCHEME	EXAMINATION SCHEME	
TOTAL CONTACT HOURS PER WEEK 2 Lectures + 6 Studio = 8 Hrs. / week	Sessional SS	150
	CIE	75
	External	75
	Paper	Nil
TOTAL MARKS	150	
TOTAL CREDITS	5	

COURSE OBJECTIVE :

The central idea is to make freehand pencil sketching as the primary tool of transferring ideas on paper. Course objective is also to develop the skill of sketching and to orient the students towards the ability of visualisation. The students should be able to use sketching as a tool for representation of design thoughts, concepts, etc.

COURSE CONTENT:**Unit 1**

Introduction to lines & strokes.

Free hand sketching principles.

Unit 2

Understanding the geometry of basic shapes for the sketching.

Sketching of ellipses and circles.

Introduction to constructive method of sketching.

Introduction to basic principles of linear perspective drawing.

Unit 3

On the spot sketching.

Sketching from Observation.

Scale and proportion.

Unit 4

Sketching of simple product and spaces, with a thrust on light, shade, material & texture.

Rendering techniques using medium like graphite pencils, soft pastels, oil pastels, colour pencils.

COURSE OUTCOME:

The students will be able to create drawings of real and imaginary objects and develop skills of drawing and rendering from memory, observation and imagination.

SUBMISSION REQUIREMENT FOR SESSIONAL WORK:

Unit 1: Minimum three numbers of assignments to cover the study of lines & strokes using various grades of Graphite pencils.

Unit 2: Minimum two assignments based upon construction method of sketching

Minimum five assignments based upon perspective drawing.

Unit 3 & 4: At least three assignments related to content described in the unit.

METHOD OF TEACHING

All the assignments mentioned in course content should have a thrust on developing sketching & rendering skills.

Assignments to be done on Sketchbooks / A2 sized sheets depending upon the content requirements.

Online lectures for some topics from NPTEL, Coursera should be organised.

RECOMMENDED READINGS :-

1. Sketchbook by Milind Mulik
2. Pencil Sketching - Vyaktichitre by Pundalik Vaze
3. Water Colour by Milind Mulik
4. Colour Pencil by Rahul Deshpande & Gopal Nandurkar

WEBSITES: www.gnomonworkshop.com

MODEL MAKING		
COURSE CODE	1202506	
TEACHING SCHEME	EXAMINATION SCHEME	
TOTAL CONTACT HOURS PER WEEK 4 Studio = 4 Hrs. / week	Sessional SS	50
	CIE	25
	External	25
	Paper	Nil
TOTAL MARKS	50	
TOTAL CREDITS	2	

COURSE OBJECTIVE:

To introduce the students to different tools, techniques and machines used for Model making and to develop their skills using different methods, techniques and materials.

COURSE CONTENT

1. The introduction to different materials like paper, foam board, file boards, Clay, Plaster of Paris etc which can be used to make models.
2. Understanding properties of materials suitable for different types of models.
3. Methods of drawing/transferring the drawings and techniques of cutting, pasting and finishing the study models.
4. Apply the skills to make scaled study models of Interior spaces using appropriate materials.

SUBMISSION REQUIREMENT FOR SESSIONAL WORK

Models with each material explored have to be submitted.

METHOD OF INSTRUCTION

Demonstration of model making techniques, should be done by the teacher in the Studios/ Workshops.

Online lectures for some topics from NPTEL, Coursera should be organised.

HUMANITIES		
COURSE CODE	1202507	
TEACHING SCHEME	EXAMINATION SCHEME	
TOTAL CONTACT HOURS PER WEEK 1 Lecture + 2 Studio = 3 Hrs. / week	Sessional SS	50
	CIE	25
	External	25
	Paper	Nil
TOTAL MARKS	50	
TOTAL CREDITS	2	

COURSE OBJECTIVE:-

To understand human experience and the world we live in through the humanistic disciplines and outlook. To understand the relevance of the humanistic approach in Design education.

COURSE CONTENT:

Unit 1: Importance and relevance of studying Humanities in the field of Design.

Unit 2: Understanding the basic discipline such as Culture, Art , Language, Literature, Philosophy, History, Theology separately through examples in past and current contexts. To reason and to question and think critically about the developments, decisions with respect to above disciplines.

COURSE OUTCOME:

- Students will develop the ability to reason, to interpret the aspects related to living in past and present.
- Students will understand the interrelation amongst the discipline of Humanities.
- Students will develop the ability to relate these disciplines with the field of Design.

SUBMISSION REQUIREMENT FOR SESSIONAL WORK

Unit 1: One or two assignments, in the written format with sketches, images etc.

Unit 2: One written assignment supported by sketches, for each discipline of Humanities, showcasing the examples across the world. Hands on exercises/ model making exercises shall be preferred for deep and holistic understanding of Art types, culture etc.

METHOD OF INSTRUCTION

The units of Language, Literature can be instructed by organising specific guest lectures to study their evolution. For the unit of Culture, a workshop/ hands on exercise/visits to specific cultural events can be organised to understand the layers of culture. The other units of Art, Theology can be conducted through Lectures and Studio assignments.

Online lectures for some topics from NPTEL, Coursera should be organised.

RECOMMENDED READINGS

1. Sociology by Schaefer Richard
2. Thinking Design by S. Balram
3. Design for the Real World by Victor Papanek
4. Glimpses of World History by Jawaharlal Nehru
5. The History Of World Art by Honour Hough & Fleming
6. Architecture Without Architects by Bernard Rudofsky
7. Ideas that Changed the World by Felipe Fernandez Armesto
8. Glimpses of India by J Furneaux
9. History of Indian Culture by D D Kosambi
10. The History of India by Romila Thapar.
11. A People's History of India 1: Prehistory by Irfan Habib
12. Cultural heritage of South Asia beyond recent perspective by Vasant Shinde

AUDIT		
COURSE CODE	1202508	
TEACHING SCHEME	EXAMINATION SCHEME	
TOTAL CONTACT HOURS PER WEEK 2 Lecture = 2 Hrs. / week	Sessional SS	Nil
	Internal	Nil
	External	Nil
	Paper	Nil
TOTAL MARKS	--	
TOTAL CREDITS	--	

Students are required to go through the list of following Audit Courses and select any one of their interests.. They will be allocated one course from the list. Experts from respective course will conduct classes on campus/Online through activities, discussions, presentations, and lecture methods. Two Contact hours per semester, are assigned to Audit courses.

Students are required to **submit hard copy of a report along with certificate** on the activities performed related to topics of opted Audit Course. Evaluation will be done based on the report of activities submitted by student.

Faculty members will be allotted for mentoring the activities related to Audit Course topic. They will frame the list of activities to be performed by students with the help of experts in respective course. The list of courses is suggested but not limited to is given as under:

SEMESTER 1

1. Crafts
2. Creative Writing
3. Performing Arts
4. Yoga
5. Calligraphy



सावित्रीबाई फुले पुणे विद्यापीठ

Savitribai Phule Pune University Faculty of Science and Technology

Semester - II



DETAILED SYLLABUS OF B.DES. (INTERIOR DESIGN) FIRST YEAR - SEMESTER II (2025 Pattern)

www.unipune.ac.in

FUNDAMENTALS OF DESIGN II		
COURSE CODE	1202509	
TEACHING SCHEME	EXAMINATION SCHEME	
TOTAL CONTACT HOURS PER WEEK 2 Lectures + 6 Studio TOTAL = 8 hrs/week	CIE	75
	SV	75
	Paper	Nil
TOTAL MARKS	150	
TOTAL CREDITS	5	

OBJECTIVE:

Understanding Principles and Elements of Design to help students grasp the fundamentals of design as a basic creative activity. The students will learn about the basic elements of design through exercises aimed at experimentation and an advanced level of 3 dimensional understanding and visualization.

COURSE CONTENT:

Understanding the following fundamentals through 2D and 3D explorations:

Unit 1. Operations on 2d shapes and 3d forms by Union, difference, intersection, and subtraction application.

Unit 2. Understanding visual and physical balance through 2D and 3D compositions.

Unit 3. Spatial Relationship

Unit 4. Form development by manipulating vertices, edges, planes.

Unit 5. Colliding forms.

Unit 6. Introduction to Symbolism, Abstraction.

COURSE OUTCOME:

- The students will learn about the elements of design through exercises aimed at experimentation and an advanced level of 3 dimensional understanding and visualization.
- Students will be able to grasp the fundamentals of Design through various exercises and hands on explorations.

SUBMISSION REQUIREMENT FOR SESSIONAL WORK

Unit 1- Minimum 1 assignment covering all the types of operations on sheet. Minimum 1 model for each operation.

Unit 2- Minimum one assignment having 3 to 5 compositions with models to understand balance.

Unit 3- Assignment on understanding spatial composition through 3D model.

Unit 4- 3 to 5 explorations with models to understand form development.

Unit 5- Basic understanding of colliding objects through collection of images and their presentation in sketch format.

Unit 6- Two Assignments to understand symbolism and abstraction each.

METHOD OF INSTRUCTION

Each assignment should be explored through 2D and 3D compositions.

Online lectures for some topics from NPTEL, Coursera should be organised.

Unit 6 of symbolism and abstraction is for introducing students with the concept as a design tool. The intention is to instigate their thinking process to explore further.

RECOMMENDED READINGS:

1. Visual Thinking by Frank M. Young
2. The Art of Looking Sideways by Alan Fletcher
3. Signs and Symbols by Adrian Frutiger
4. Principles of Design through Photography by Deepak John Matthew
5. Form, Space and Order by Francis D.K. Ching
6. Basic Design and Anthropometry by Shirish Vasant Bapat
7. Lateral Thinking by Edward de Bono
8. Drawing, a Creative process by Francis D.K. Ching

Websites:

www.graphicdesignbasics.com

www.justcreative.com

https://en.wikipedia.org/wiki/Boolean_operations_on_polygons

DESIGN PROCESS		
COURSE CODE	1202510 (Th)	1202511 (SV)
TEACHING SCHEME	EXAMINATION SCHEME	
TOTAL CONTACT HOURS PER WEEK 2 Lectures + 4 Studio TOTAL = 6 hrs/week	Theory In Sem. End Semester	100 30 70
	Sessional SV CIE External	100 50 50
TOTAL MARKS	200	
TOTAL CREDITS	4	

COURSE OBJECTIVE:

To introduce the students to problem-solving methodology adopted in the field of Design. The students should be taught to approach complex contexts, requirements and find their innovative, functional and sustainable solutions.

COURSE CONTENT:

Learning the following steps of a process of solving of a problem:

Unit 1: Understanding of context.

Unit 2: Identification of the requirements.

Unit 3: Identifying necessary data from sources and do its analysis.

Unit 4: Identifying appropriate Case Studies and analysis of the same.

Unit 5: Formulation of the design brief, refinement to an appropriate level.

COURSE OUTCOME:

Students will be able to identify the opportunity in terms of Interior Design, and develop the solutions for the same.

SUBMISSION REQUIREMENT FOR SESSIONAL WORK

Minimum 1 assignment related to all the Units.

1. Minimum two assignments to observe and document activities through sketching.
2. Minimum two assignments to observe and document activities through photo documentation and video documentation.
3. Minimum two assignments on activities like mind mapping, brainstorming, etc and analysing the same.
4. One assignment to define Design Brief.

METHOD OF INSTRUCTION

- Generic design process should be initially introduced to make the students understand about the terms, techniques, methods in the Design field.
- Discipline wise working of assignments, can be done from Unit 1 to Unit 5.
- Design Process adopted by masters shall be identified and discussed in class.
- Case Studies methodology should be demonstrated.
- Teaching methodology must include Site visits wherever required and its documentation as per assignment.

RECOMMENDED READINGS:

1. Design Paradigms: A Sourcebook for Creative Visualization by Warren K. Wake
2. How Things Work by Roger Jean Segalat
3. People, Places – Design Guidelines by Clare, Cooper, Marcus and Carolyn Francis
4. Inside the Bauhaus by D.Spath
5. Thinking Design- S.Balaram
6. Design and Environment –Vyas
7. Various Articles by M. P. Ranjan
8. Various Articles by Athwankar

ANALYTICAL DRAWING		
COURSE CODE	1202512	
TEACHING SCHEME	EXAMINATION SCHEME	
TOTAL CONTACT HOURS PER WEEK 1 Lectures + 4 Studio =5 Hrs./Week	Sessional SS	100
	CIE	50
	External	50
	Paper	Nil
TOTAL MARKS	100	
TOTAL CREDITS	3	

COURSE OBJECTIVE:

Learning and understanding to draw complex objects by using techniques of orthographic projections and various operations.

COURSE CONTENT:

Unit 1: Understanding of Scale and its importance, methods of enlargement and reduction of scale.

Unit 2: Learning surface development

Unit 3: Learning orthographic projection of complex objects.

Unit 4: Learning sections (longitudinal and cross) through orthographic projections and cut sections at various angles in plan and elevation.

Unit 5: Introduction to technical method of perspective drawing.

COURSE OUTCOME:

- The students will be able to draw detailed line drawings of real or imaginary objects.
- The course will enhance visualization and perception skills.

SUBMISSION REQUIREMENT FOR SESSIONAL WORK

Unit 1: Developing at least 2 uncommon scales, drafting one object in minimum 5 different scales (min 1 sheets)

Unit 2: Drawing and models of surface development of minimum 5 Prism & 5 Pyramids.

Unit 3: Orthographic projections 8 to 10 objects (min 4 sheets)

Unit 4: Cut sections in Plan & Elevation of simple & complex Interior Spaces like Double Height spaces, Mezzanine floors, staircases, slanting roofs etc.(min 3+3 Spaces for resp. PLAN & ELEVATION).

Students should prepare 2 scaled models of Interior Spaces.

Unit 5: Min 2 sheets on perspective of spaces each done by one point and 2 point methods.

All assignments to be done on A-2 size sheets.

METHOD OF INSTRUCTION

The units should be instructed in the form of Lectures. The assignments should be given in the studios. During the instruction, 3D models should be kept for referencing and better understanding of unit 2 and 3

Online lectures for some topics from NPTEL, Coursera should be organised.

RECOMMENDED READINGS :-

1. Form, Space and Order by Francis D. K. Ching
2. Designer Primer by Tom Porter and Sue Goodman
3. Precedents in Architecture by Roger H. Clark and Michael Pause
4. A J Metric Handbook
5. Structure in Nature – Strategy for design by Peter Pearce
6. Patterns in Nature by Peter Streens
7. Visual Studies – a Foundation for Artists and Designers by F.M. Young
8. Drawing – a Creative Process by F.D.K. Ching
9. Ways of Seeing by J. Berger
10. Technical drawing – Goetsch, Nelson, Chalk(Delmar publication)

FREE HAND DRAWING & VISUALISATION		
COURSE CODE	1202513	
TEACHING SCHEME	EXAMINATION SCHEME	
TOTAL CONTACT HOURS PER WEEK 2 Lectures + 4 Studio = 6 Hrs. / week	Sessional SS	150
	CIE	75
	External	75
	Paper	Nil
TOTAL MARKS	150	
TOTAL CREDITS	4	

COURSE OBJECTIVE :-

To introduce students to fundamental techniques of Design sketching and visualisation. To enhance their observation, sketching and rendering skills through exercises and help them develop the language of design.

COURSE CONTENT:**Unit 1**

Introduction to Design sketching

Freehand linear perspective drawings of simple or complex objects, and interior spaces.

Unit 2

Sketching based on observation.

In door & Out- door sketching with respect to interior spaces.

Visits to particular environments to enhance the learning of spaces, objects, , volumes, scales, proportions, experiences as a step towards visualisation.

Unit 3

Sketching based on imagination of spaces, objects, products with respect to theme or thought, story, concept etc.

Unit 4

Advanced rendering techniques using mediums like charcoal, graphite and watercolour etc.

Unit 5

Introduction to Digital sketching

COURSE OUTCOME

The course will enable students to effectively visualise and explain an idea through drawing language.

SUBMISSION REQUIREMENT FOR SESSIONAL WORK

Unit 1: Minimum 2 assignments on Storyboarding & doodling,

Minimum 5 number of objects to cover the study of freehand linear perspective drawings, and 2 interior views.

Unit 2: Minimum five assignments based upon Sketching from observation.

At least two assignments related to In-door & Out- door sketching.

Unit 3: Minimum five assignments based upon Sketching from imagination.

Unit 4: At least five assignments related to advanced rendering techniques.

Unit 5: At least two assignments related to digital sketching.

METHOD OF INSTRUCTION

All the assignments mentioned in course content should have a thrust on sketching & rendering skills.

Assignments to be done on Sketchbooks / A2 sized sheets depending upon the content requirements.

Online lectures for some topics from NPTEL, Coursera should be organised.

RECOMMENDED READINGS :-

1. Learning Curves by various authors
2. Perspective Handbook by Joseph G. Amelio
3. I Draw Cars by Syd Mead 4. Sentury II by Syd Mead

ART APPRECIATION & APPRAISAL		
COURSE CODE	1202514	
TEACHING SCHEME	EXAMINATION SCHEME	
TOTAL CONTACT HOURS PER WEEK 1 Lecture =1 Hr./Week	Sessional SS	50
	CIE	25
	External	25
	Paper	Nil
TOTAL MARKS	50	
TOTAL CREDITS	1	

COURSE OBJECTIVE:

To learn about the various mediums of art expression with respect to the historical and cultural contexts in which they were created.

To make students understand the differences and similarities between Art & Design, and to develop and acknowledge Art appreciation thereby.

COURSE CONTENT:

To experience and understand various art forms like painting, Sculpture, Cinema, music, architecture, dance, literature – popular and experimental theatre.

COURSE OUTCOME:

To stimulate their thinking process, and to develop their critical and innovative thinking ability.

SUBMISSION REQUIREMENT FOR SESSIONAL WORK

- One individual assignment each related to minimum 6 types of art forms.
- Two assignments about the relation between art and design.
- At least one assignment should be taken to experience art form.

METHOD OF INSTRUCTION

Specific Guest lectures to study the evolution of some of the Art mediums can be organised. Visits to Exhibitions, Museums, Art Galleries etc. can be arranged to give the students exposure of different mediums.

Online lectures for some topics from NPTEL, Coursera should be organised.

RECOMMENDED READINGS:-

1. Lust for Life by Irving Stone
2. Ways of Seeing by John Berger
3. How Art Made the World - a 5 episode series by BBC
4. Kora Canvas by Prabhakar Barve
5. Understanding Indian Classical Music – a series of 4 episodes by Music Today
6. Chitrapat – Ek Kala by Vijay Dixit
7. Cinematic by Ganesh Matkari

ENVIRONMENTAL PERCEPTION		
COURSE CODE	1202515	
TEACHING SCHEME	EXAMINATION SCHEME	
TOTAL CONTACT HOURS PER WEEK 1 Lecture+ 4 Studio =5 Hr./Week	Sessional SS	50
	CIE	25
	External	25
	Paper	Nil
TOTAL MARKS	50	
TOTAL CREDITS	3	

COURSE OBJECTIVE :

To expose students to the environments which are diverse and essentially different from the environments in that they reside in. This is to develop their observation skills, independent thinking, sense of responsibility, and understanding space and culture through the study of people and place in rural or semi-rural areas

COURSE CONTENT :-

Observing and understanding cultural system, societal system, lifestyle, occupation, traditional learning systems, infrastructure, governance and citizen participation, health systems, traditional products -skill sets and materials, gender awareness and issues, and identifying other issues pertaining to village system.

COURSE OUTCOME: -

- Students will have critical observations in terms of understanding the role and response of spaces, culture and people.
- To understand the connection between Society, environment and Design.
- Students will get exposure in terms of having a dialogue with people from different context and their perspectives.

SUBMISSION REQUIREMENT FOR SESSIONAL WORK

Group work covering at least six to eight topics mentioned in course content. On site study of the aspects by way of interaction, sketching, photography and documentation.

METHOD OF INSTRUCTION

To stay or visit a place chosen for Documentation, at periodic intervals to study the above parameters. Online lectures for some topics from NPTEL, Coursera, on Culture, Sociology, occupation Economy etc. should be organised.

RECOMMENDED READINGS:-

1. Small Is Beautiful by E. F.Schumacher
2. Everybody Loves a Good Drought by P.Sainath
3. Karyarat by Anil Awachat
4. Architecture without Architects by Bernard Rudofsky
5. You can save the Planet by Rich Hough

AUDIT		
COURSE CODE	1202516	
TEACHING SCHEME	EXAMINATION SCHEME	
TOTAL CONTACT HOURS PER WEEK 2 Lectures = 2 Hrs. / week	Sessional SS	Nil
	Internal	Nil
	External	Nil
	Paper	Nil
TOTAL MARKS	--	
TOTAL CREDITS	--	

Students are required to go through the list of following Audit Courses and select any one of their interests.. They will be allocated one course from the list. Experts from respective course will conduct classes on campus/Online through activities, discussions, presentations, and lecture methods. Two Contact hours per semester, are assigned to Audit courses.

Students are required to **submit hard copy of a report along with certificate** on the activities performed related to topics of opted Audit Course. Evaluation will be done based on the report of activities submitted by student.

Faculty members will be allotted for mentoring the activities related to Audit Course topic. They will frame the list of activities to be performed by students with the help of experts in respective course. The list of courses is suggested but not limited to, is given as under:

SEMESTER II

1. Cyber Security
2. Sign language
3. Foreign Language
4. Basics of Accounting & Book keeping

ANNEXURE- A**List of Electives**

S. N.	Art & Design	S.N	Technology /Management	S.N	Social/Humanities/History
1	Interior Styling	1	Exhibition design	1	History of Furniture
2	Interior landscape	2	Introduction to Bamboo construction & Techniques	2	Graphic narratives
3	Soft furnishings	3	Advanced Bamboo construction & Techniques	3	Culture & Design
4	Theatre design	4	Digital animation	4	Environmental Psychology
5	Introduction to Universal Design	5	Visual Communication-Infographics	5	Gender and Design
6	Automotive styling	6	Visual Communication- Illustration	6	Anthropology
7	Fashion Image & Identity	7	Introduction to programming	6	Vernacular Design
8	Graphic Design	8	Internet of Everything	7	Sociology & Design
9	Basic Photography	9	Green building & rating systems	8	Basics of Archeology
10	Design Journalism	10	Appropriate design material &Technology	9	Basics of Ecology
11	Music & Space	11	Tensile structures	10	Climate change
12	Healthcare design	12	Facility management	11	Emergence of Global culture
13	Hospitality design	13	Geographic Information Systems (GIS)	12	Addressing for Senior Citizen
14	UI/UX design	14	Parametric design	13	Population Design as a tool for
15	Ephemeral design	15	Building Information Modelling	14	Social change Film appreciation
16	Architecture Photography	16	Creative coding	15	Script writing
17	Costume design	17	Smart/Intelligent Technology systems	16	Ethnography
18	Visual Merchandising	18	Creative Surface Techniques		
19	Visual Arts	19	Fibre Reinforced Plastics		
20	Basic typography	20	Advanced construction in Fabrication		
21	Art appreciation	21	Documentary Film making		
22	Liberal Arts	22	Short Film Making		
23	Representation Techniques	23	Basics of Photoediting		
		24	Light design for theatre		
		25	Computer Aided Drawing (Basic)		
		26	Computer Aided Design (Advanced)		
		27	Toy & Game Design		
		28	Introduction to Artificial Intelligence		
		29	Interaction Design		
		30	Auditorium Interiors		
		31	Design for differently abled		
		32	Mobility & Vehicle Design		
		33	Identity Design		
		34	Packaging Design		

Note:

- * The students can opt for Electives from the categories defined above. (Annexure - A).
- * It should be noted that the student has to choose Electives from different categories in each Semester,
- * Specific topics of Electives as mentioned in each discipline for different semesters should be conducted in coordination.
- * **Open Elective of Semester VIII, is to be chosen compulsorily from a Faculty other than that of Major.**

Annexure B

Vocational Skill Courses

The topics for developing vocational skills, are listed but not limited to the field of Interior Design. Students can select a vocation according to their choice. 70 to 90 hrs. of working is desired in the respective vocation with the Agency, Industry, Consultant etc. A report of working Experience and its details has to be submitted at the end of the semester to the Institute. The report should include a certificate of completion of the Course.

The students can work during the 4th and 6th semester after academic hours or during vacation before the 4th and 6th Semester.

List of vocational courses:

1. Interior lighting and Electrification
2. Plumbing & Sanitation
3. Furniture making- Tools, Techniques & working.
4. Modular furniture- Manufacturing process
5. Furnishings and their applications.
6. Laser cutting and its applications
7. Fabrication
8. Air conditioning
9. Indian crafts and their production.
10. Interior landscaping
11. Wall textures and paints
12. Non conventional building materials
13. Sustainability aspects
14. Green initiatives
15. Artificial Intelligence
16. Software skills