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With CGPA 3.52

SHIVAJI UNIVERSITY, KOLHAPUR-416 004. MAHARASHTRA
PHONE : EPABX-2609000 website- www.unishivaji.ac.in
FAX 0091-0231-2691533 & 0091-0231-2692333 – BOS - 2609094
शिवाजी विद्यापीठ, कोल्हापूर – 416004.

दुरध्वनी (ईपीएबीएक्स) २६०९०००० (अभ्यास मंडळे विभाग- २६०९०९४)
फॅक्स : ००९१-०२३१-२६९१५३३ व २६९२३३३. e-mail: bos@unishivaji.ac.in

SU/BOS/Science /
To,

No 00204

Date : 09 JUL 2021

The Principal,
Kala Prabodhini Institute of Design,
Kolhapur.

The Principal,
Deccan of Institute of Technology,
Kolhapur.

Subject: Regarding minor changes in the structure of B.Des. Part-I (CBCS) Sem-I & II under the Faculty of Inter- Disciplinary Studies.

Sir/Madam,

With reference to the subject mentioned above, I am directed to inform you that the University have accepted and granted approval to the minor change in the structure of B.Des. Part-I (CBCS) Sem-I & II under the Faculty of Inter-Disciplinary Studies.

This minor change will be implemented from the academic year 2020-2021 onwards.

A soft copy containing the revised structure is attached herewith and it is also available on university website www.unishivaji.ac.in. (Students/Online Syllabus)

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

Thanking you,

Yours faithfully,


Dy Registrar

Copy to:

1	P.A. to Director Board of Evaluation and Examination	9	Centre for Distance Education
2	The Dean, Faculty of IDS	10	Computer Centre
3	The Chairman, Respective Board of Studies	11	Affiliation Section (U.G.)
4	B.A. Exam	12	Affiliation Section (P.G.)
5	Eligibility Section	13	P.G.Admission Section
6	O.E. I, II, III, IV Section	14	Appointment Section
7	Dy.registrar (On Exam)	15	P.G.Seminar Section
8	Dy.registrar (Pre. Exam)		

SHIVAJI UNIVERSITY, KOLHAPUR



UNDER THE FACULTY OF
INTER DISCIPLINARY STUDIES – (IDS)
CHOICE BASED CREDIT SYSTEM (CBCS)

Structure, Scheme, & Syllabus for

BACHELOR OF DESIGN
(B. Des) (INTERIOR DESIGN)

PART – I (SEM 1 & II)

**Syllabus to be Implemented
from Academic Year
2020-2021**

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

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.

A. Courses

- 1] Interior Design.
- 2] Furniture Design.
- 3] Product Design.
- 4] Set Design.

SYLLABUS FOR DEGREE COURSE IN BACHALOR OF DESIGN – INTERIOR DESIGN

B. Course structure timings:

This will be a full time Four Years Degree course. 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)

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 Designing or Architectural Asst. ship from DTE.
2. A. Candidate satisfactory competing B.I.D./B. Arch/ Part – I from Shivaji University.
3. Any other equivalent Three Year's Diploma from other State / Statutory University.

C) For Third/ Fourth year Direct Admission:

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

D. Duration, stages of Course:

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 Practical 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.

E. Intake, Migration:

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

G: ATKT: All the following conditions will be applicable for obtaining ATKT.

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

H: Standard of Passing.

1. 1.1 A candidate must obtain 45% mark in theory exam in the subject other than combine passing
- 1.2 A candidate must obtain 35% mark in theory exam in the subject having combine passing for a concern subject.
2. A candidate must obtain minimum 50% marks in (a) Internal assessment (term work) (b) **Continues Internal Evaluation – CIE** and (c) External orals for the prescribed subject.
3. No combine passing will be considered for internal assessment (term work) and External orals.
4. A candidate failed to obtained min 50% marks in Sessional works & 75% Attendance in the class (According to university rule) in any subject he/ She will not have allowed to appear for all other external orals, as well as theory exam.

6. The minimum passing standard prescribed as follows:

Aggregate required for passing – 50%	Second (pass) Class –50% to
59.99% First Class– 60% to 69.99%	Distinction–70% & Above

- 7. 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.

I: Rules for detention:

A) 1. In case of index H:4 A student is called as a detained student.

1.1) If candidate detained for incomplete Sessional work of any subject & completed other Sessional work, 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.

1.2) 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.

J: Oral Exam:

1. Semester 8th B. Des candidate who has failed in external oral he / She can appear in Oct / Nov examination.

K: Rule of Cancellation of Admission:

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

L: Examination:

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 to existence not less than three years.

M: 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.

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.
6. Pay scale for the concerned faculty will be as per U.G.C. approval.

Course Code & Definition Semester – I

Sr No	Code No	Name of the Subject	Credit
1	CC – 101	Interior Design- I	6
2	CC – 102*	Theory of Design & Visual Arts- I	5
3	CC- 103	Work Shop – I	2
4	CC- 104*	Building Technology- I	3
5	CC- 105*	Graphics & CAD- I	4
6	CC- 106	History- I	1
7	AECC-107	Communication Skills – I	1
8	OE- 108	Open Elective	2
		Total Credit	24

Semester – II

Sr No	Code No	Name of the Subject	Credit
1	CC – 201**	Interior Design- II	6
2	CC – 202*	Theory of Design & Visual Arts- II	5
3	CC- 203	Work Shop – II	2
4	CC- 204*	Building Technology- II	3
5	CC- 205**	Graphics & CAD- II	4
6	CC- 106	History- I	1
7	AECC-107	Communication Skills – I	1
8	OE- 208	Open Elective	2
		Total Credit	24

Semester – III

Sr No	Code No	Name of the Subject	Credit
1	CC -301	Int. Design - III	5
2	DSE-302	Furniture Design-I	2
3	CC- 303	Theory of design& Visual Arts-III	3
4	CC- 304	Work shop – III	2
5	CC -305*	Interior Technology & Material - I	4
6	CC- 306*	Interior Services - I	1
7	CC- 307	Graphics -& CAD - III	3
8	CC- 308*	History- III	1
09	SEC -309	Presentation Techniques – I	1
10	OE- 310	Open Elective	2
		Total Credit	24

Semester – IV

Sr No	Code No	Name of the Subject	Credit
1	CC -401**	Int. Design - IV	5
2	DSE-402	Furniture Design-II	2
3	CC- 403	Theory of design& Visual Arts-IV	3
4	CC- 404	Work shop – IV	2
5	CC -405**	Interior Technology & Material - II	4
6	CC- 406*	Interior Services - II	1
7	CC- 407*	Graphics & CAD - IV	3
8	CC- 408*	History- IV	1
09	SEC -409	Presentation Techniques – I	1
10	OE- 410	Open Elective	2
		Total Credit	24

Semester – V

Sr No	Code No	Name of the Subject	Credit
1	CC -501	Int. Design - V	5
2	DSE-502	Furniture Design-III	2
3	CC- 503	Design Execution Drawing - I	5
4	DSE 504	Landscape & Environmental Science-I	2
5	CC -505*	Interior Technology & Material-III	3
6	CC- 506*	Interior Services - III	1
7	CC- 507*	Estimating, Costing & Professional Practice - I	2
8	CC- 508	Sustainable Interiors - I	1
9	GE - 509	Electives – I	1
10	OE- 510	Open Elective	2
		Total Credit	24

Semester – VI

Sr No	Code No	Name of the Subject	Credit
1	CC -601**	Int. Design - VI	5
2	DSE-602	Furniture Design-IV	2
3	CC- 603	Design Execution Drawing - II	5
4	DSE - 604	Landscape & Environmental Science-II	2
5	CC -605*	Interior Technology & Material- IV	3
6	CC- 606*	Interior Services - IV	1
7	CC- 607*	Estimating, Costing & Professional Practice - II	2
8	CC- 608	Sustainable Interiors - II	1
9	GE - 609	Electives – II	1
10	OE- 610	Open Elective	2
		Total Credit	24

Semester – VII

Sr No	Code No	Name of the Subject	Credit
1	CC -701	Int. Design – VII	5
2	DSE-702	Furniture Design-V	3
3	CC -703	Design Execution Drawing – III	4
4	DIS-704	Project Work- I	4
5	DSE-705	Sustainable Interiors- III	2
6	CC -706*	Estimating Costing& Professional Practice – III	1
7	GE-707	Electives – II	3
08	OE- 708	Open Elective	2
		Total Credit	24

Semester – VIII

Sr No	Code No	Name of the Subject	Credit
1	CC -801**	Int. Design – VIII	6
2	CC -802	Design Execution Drawing – IV	5
3	DIS-803	Project Work- II	6
4	DSE-804	Sustainable Interiors- IV	2
5	CC -805**	Estimating Costing & Professional Practice – IV	2
6	AEC - 806	Practical Training & Report	1
7	OE- 807	Open Elective	2
		Total Credit	24

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

PROGRAM SPECIFIC OUTCOMES:

PSO1: ABILITY TO START OWN ENTERPRISE.

**PSO2- ABILITY TO IMPLEMENT HISTORICAL & CULTURAL IMPACT
IN DESIGN**

SHIVAJI UNIVERSITY, KOLHAPUR
FIRST YEAR - Bachelor of Design - Interior Design
SEMESTER – FIRST
Scheme of Teaching and Examination

	TEACHING SCHEME							EXAMINATION SCHEME							
Course (Subject Title)	Name of the Subject	THEORY			STUDIOS			THEORY				EXTERNAL EVALUATION OF TERM WORK		INTERNAL EVALUATION OF TERM WORK	
		Credits	No of Lecture	Hours	Credits	No of studios	Total Cred	Mode	Marks	Total Mark	Min	Max	Min	Max	Min
CC – 101	Interior Design- I	1	1	-	5	7	6	CIE	10	10	5	-	-	40	20
								ESE	-	-	-				
CC – 102*	Theory of Design & Visual Arts- I	2	2	-	3	5	5	CIE	10	10	5	-	-	40	20
								ESE	50	50	18				
CC- 103	Work Shop – I	-	-	-	2	4	2	CIE	10	10	5	-	-	40	20
								ESE	-	-	-				
CC- 104*	Building Technology- I	1	2	-	2	4	3	CIE	10	10	5	-	-	40	20
								ESE	50	50	18				
CC- 105*	Graphics & CAD- I	1	1	-	3	5	4	CIE	10	10	5	-	-	40	20
								ESE	50	50	18				

CC-106	History- I	1	2	-	-	-	1	CIE	10	10	5	-	-	20	10
								ESE	-	-	-				
AECC-107	Communication Skills – I	1	2	-	-	-	1	CIE	10	10	5	-	-	20	10
								ESE	-	-	-				
OE – 108	Open Elective	-	-	-	-	-	2	CIE	-	-	-	-	-	20	10
								ESE	-	-	-				
	Total		10			26	24	-		220	-	-	-	260	

First Semester Total periods per week – 36

(Note – each lecture / studio period is considered of 50 minutes)

Total credits – 24

Total Marks - 480

*** Means Combine passing for Semester I paper & Sessional work (Int)**

Sem – I for Open Elective – 108 – Anyone from following

1. Yoga & Physical Management³
2. Personality Development
3. Basic Product Design
4. Any other open Electives in each semester are subjected to change as per the need of the industry, Market and skill requirements as per specific time and syllabus

Sem I - There shall be an additional compulsory course of 1 Credits (Self Study) for a course of Democracy, Elections and Good Governance which will not include in total Credits

CIE- Continuous Internal Evaluation

ESE – End Semester Examination

OE – Open Elective

SHIVAJI UNIVERSITY, KOLHAPUR
FIRST YEAR - Bachelor of Design - Interior Design
SEMESTER – SECOND
Scheme of Teaching and Examination

Course (Subject Title)	Name of the Subject	TEACHING SCHEME						EXAMINATION SCHEME							
		THEORY			STUDIOS			THEORY				EXTERNAL EVALUATION OF TERM WORK		INTERNAL EVALUATION OF TERM WORK	
		Credits	No of Lectures	Hours	Credits	No of Studios	Total Credit	Mode	Marks	Total Marks	Min	Max	Min	Max	Min
CC – 201**	Interior Design- II	1	1	-	5	7	6	CIE	10	10	5	100	50	50	25
								ESE	100	100	35				
CC – 202*	Theory of Design & Visual Arts- II	2	1	-	3	7	5	CIE	10	10	5	100	50	50	25
								ESE	-						
CC- 203	Work Shop – II	-	-	-	2	4	2	CIE	10	10	5	-	-	50	25
								ESE	-						
CC- 204*	Building Technology- II	1	2	-	2	4	3	CIE	10	10	5	-	-	40	20
								ESE	100	100	35				
CC- 205**	Graphics & CAD- II	1	1	-	3	5	4	CIE	10	10	5	50	25	40	20
								ESE	50	50	18				

CC- 206	History- II	1	2	-	-	-	1	CIE	10	10	5	-	-	20	10
								ESE	-	-	-				
AECC- 207	Communication Skills – II	1	2	-	-	-	1	CIE	10	10	5	-	-	20	10
								ESE	-	-	-				
OE – 208	Open Elective	-	-	-	-	-	2	CIE	-	-	-	-	-	20	10
								ESE	-	-	-				
			09			27	24	-		320	-	250	-	290	

Second Semester Total periods per week – 36

- Note: - 1.(*) Means combine passing for Internal oral & Theory paper
2. (**) Means combine passing for external oral & Theory paper
3. A candidate should obtain min 35% marks in theory exam.

Total credits –24

Total Marks - 860

Sem – II for Open Elective – 208 Anyone from following

1. Jewellery Design
2. Business Communication & Presentation
3. Resume, Report & proposal writing
4. Any other open Electives in each semester are subjected to change as per the need of the industry, Market and skill requirements as per specific time and syllabus

CIE- Continuous Internal Evaluation

ESE – End Semester Examination

OE – Open Elective

SYLLABUS FOR B. Des – I SEMESTER – I

Title of the Course:	Interior Design –I	L	S	Credit
Course Code:	CC- 101	1	5	6

Course Description:

This is the main subject in the curriculum, which focuses on the practical application of all the theory subjects in the design studio. It aims at allowing the student to develop his Designing skills by actually getting involved with progressively difficult design problems. Realization of Interior Design profession today creating comfortable functional and aesthetically appealing harmonious interior Environment.

Course Outcomes:

- Apply principles of planning in interior design;
- Apply the anthropometric theory in interior design
- Select/list material for the interior design work;
- Select the products for given interior design work;
- Develop interior design for small residential units.

Assessments:

Teacher Assessment:

Assessment	Marks	Min
CIE	10	5
ESE	-	-
Internal Evaluation	40	20
External Evaluation	-	-

Course Contents:

1. Man and his basic living activity
2. Man and anthropometric studies in relation with living activities.
3. Functional analysis anthropometrics, space planning for living activity.
4. Materials and use of structural systems, build form and its expression. Light- Air and Views as an issue.
5. Approach towards design with the help of Product Design in relation with living spaces, data collection, survey and analysis of existing product.
- 6) Study based on qualitative aspects of space through small design exercises preferably small residential living spaces like, living room.

SYLLABUS FOR B. Des – I SEMESTER – I

Title of the Course:	Theory of Design & Visual Arts – I	L	S	Credit
Course Code:	CC- 102*	2	3	5

Note: - (*) Means Combined passing for Internal & Theory exam.

Course Description:

Visual Arts/Aesthetics is an art of sensitive appreciation of the “beautiful” It is the pursuit and devotion to beauty and refined taste. It is developing a well-developed sense of beauty. Visual Art is an art of Aesthetics. Sense of Aesthetics helps us to create the simple things of life in a more presentable manner.

A simple ordinary thing or an object when treated with aesthetic sense becomes extra ordinary and unusual. Visual Art can be termed as an art of presenting a thing, an object, or a design in such a fashion that it looks more beautiful and desirable.

Theory of design is subject in which basic elements and principles of design is being studied, and application is done in studio periods of visual arts. Ultimately Theory of design and Visual arts is used in subject Design for making living spaces more beautiful and desirable.

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

Assessments:

Teacher Assessment:

Assessment	Marks	Min
CIE	10	5
ESE	50	18
Internal Evaluation	40	20
External Evaluation	-	-

Course Contents:

1. Introduction.
2. Basic Elements of design & application in studio work.
3. Basic principles of design & application in studio work.
4. Color planning –Visual effects/ Psychology/ Application.
5. Texture planning –Visual effects / Application.
6. Sketching.

SYLLABUS FOR B. Des – I SEMESTER – I

Title of the Course:	Workshop – I	L	S	Credit
Course Code:	CC- 103	-	2	2

Course Description:

Understand material and tools by making objects which allow students to explore forms, surfaces, textures, and patterns i.e. elements and principles of design from Theory of Design & Visual Arts. Explore different joinery, support conditions and woven surfaces under trained experienced master craftsman. Also clear to communicate and establish dialogue between designed crafts skills.

Perceive and understand materials and tools by exploring. The help through visual learning. To established design & craft skill relationship and revel through appreciation of the profession.

Experiential work shop methods are but suite for such learning when craft, print, color, etc elemental activity may be conducted.

Course Outcomes:

- 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
CIE	10	5
ESE	-	-
Internal Evaluation	40	20
External Evaluation	-	-

Course Contents:

To play with all types of materials like

1. Clay,
2. Ceramic,
3. Application of colors in all mediums through exercises.

SYLLABUS FOR B. Des – I SEMESTER – I

Title of the Course:	Building Technology – I	L	S	Credit
Course Code:	CC- 104*	1	2	3

Note: - (*) Means Combined passing for Internal & Theory exam.

Course Description:

This subject is a major supporting subject to the interior design. The way students imaging in to the design is actually brought in to existing through technology.

Building Technology is a subject to understand basic building components and terminology. By understanding this subject student is able to do better designs in aspect of function and Technology.

Course Outcomes:

- Describe building material used in constructions;
- Select the building material suiting to the requirement/function/location of building;
- Distinguish and describe the functions of structures;
- Collect the samples of building material from the market;
- Draw and develop the different brick bonds and stone masonry structure;
- Select/ list/identify the tools required in construction and furniture making

Assessments:

Teacher Assessment:

Assessment	Marks	Min
CIE	10	5
ESE	50	18
Internal Evaluation	40	20
External Evaluation	-	-

Course Contents:

1. Building Materials like Clay products, Brick, Stone, Cement their uses types' strength of materials.
2. Functions of structure (Load bearing, Frames structure and steel structure.)
3. Introduction to Terminology of basic structure and components.
4. Studio Work based on the above which can be expressed through model making also.
5. Market surveys based on above mentioned different materials.
6. Different types of brick bonds & stone masonry structure.
7. Introduction to tools used in construction & furniture making.

Reference Books:-

- i. Engg. materials - K.S. Rangwala
- ii. Engg. Materials – B.K.Agarwal
- iii. Building Construction – Shushil Kumar
- iv. Building Construction – Mackay
- v. Building Construction- Barry
- vi. Building Construction – R.Chudley

SYLLABUS FOR B. Des – I SEMESTER – I

Title of the Course:	Graphics & CAD – I	L	S	Credit
Course Code:	CC- 105*	1	3	4

Note: - (*) Means Combined passing for Internal & Theory exam.

Course Description:

Drawing skills as tools to design thinking, visualization and representation initial familiarization with drawing materials and equipment's is followed by basic understandings about the point and the line, straight and curvilinear. Principles of plane geometry, scale orthographic projections of point's lines planes and solids are understood gradually through exercises dealing with sections of solids, simple and complex, Development of surfaces, objects, etc.

Use of Auto CAD – Students are practical to get them the use of CAD by using simple drawing & molding compounds, to dose simple object only.

Course Outcomes:

- Use the drawing and drafting tools and material;
 - Draw plan, elevation and sections on the object;
 - Draw different shapes by applications of trigonometry principles;
 - Draw orthographic projections;
 - Develop the surface by using drawing tools and CAD software;
- Use CAD software for developing the preliminary drawings

Assessments:

Teacher Assessment:

Assessment	Marks	Min
CIE	10	5
ESE	50	18
External Evaluation	-	-
Internal Evaluation	40	20

Course Contents:

1. Introduction of drafting equipment, materials and methods of using them.
2. Methods of Architectural, Engineering, Interior drawings.
3. Lettering and use of stencils in drawings.
4. Orthographic projections, surface development.
5. CAD I – Introduction to Use of Auto CAD.

SYLLABUS FOR B. Des – I SEMESTER – I

Title of the Course:	History – I	L	S	Credit
Course Code:	CC- 106	1	-	1

Course Description:

This subject is to know basically cultural of world through different civilizations. Civilization developed cultural and cultural developed design style and theory by learning this subject student will be benefited to know history – civilization – cultural and styles.

Course Outcomes:

- Describe the Indus valley culture, Vedic architecture and Buddhist architecture;
- Describe the uniqueness of Indus valley culture, Vedic architecture and Buddhist architecture in view of design;
- Draw the features of Indus valley culture, Vedic architecture and Buddhist architecture;
- Describe the relationship between history and architecture.

Assessments:

Teacher Assessment:

Assessment	Marks	Min
CIE	10	5
ESE	-	-
Internal Evaluation	20	10
External Evaluation	-	-

Course Contents:

- 1.Study of Indus Valley culture and Vedic architecture.
- 2.Introduction to Buddhist architecture.

SYLLABUS FOR B. Des – I SEMESTER – I

Title of the Course:	Communication Skills – I	L	S	Credit
Course Code:	AECC- 107	1	-	1

Course Description:

Art of communicating in English in professional world.

Course Outcomes:

- Demonstrate oral communication in presentation skills and team work;
- Apply the grammar principles in oral and written communication;
- Apply the principles of communication in practice;
- Write the descriptive essay/case study;
Listen to conversation and Write notes and summary

Assessments:

Teacher Assessment:

Assessment	Marks	Min
CIE	10	5
ESE	-	-
Internal Evaluation	20	10
External Evaluation	-	-

Course Contents:

1. Communication
2. Introduction to Communication
3. Definition, need & importance
4. Process of Communication
5. Types of Communication
6. Forms of Communication
7. Barriers to Communication
8. Techniques of Communication
 - A) Verbal Communication: Techniques of GD & Interview
 - B) Non-Verbal Communication: Body Language
 1. Essay Writing
 2. Descriptive (Current Topics)

3.Rapid Review of Grammar

4.Tenses

5.Active/Passive voice

6.Direct –Indirect

7.Affirmative, Negative, Assertive, Exclamatory, Interrogative.

Q-Tag, Remove “too”

Correction of Common Errors:

LIST OF OPEN ELECTIVES	
Offered By INTERIOR DESIGN	
OPEN ELECTIVE	2 Credit
1.Yoga & Physical Management 2.Personality Development 3.Basic Product Design 4. Any other open Electives in each semester are subjected to change as per the need of the industry, Market and skill requirements as per specific time and syllabus	

NATURE OF QUESTION PAPERS.

Bachelor of Design – First Year (B. Des)
Interior Design Semester – I
Sub- Theory of Design & Visual Arts - I

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.Bonus marks are reserved for neatness.**
- 4. Draw neat sketches wherever necessary.**

Q. 1	Define & discuss: (Any three)	15
	A)	
	B)	
	C)	
	D)	
Q. 2	Write in brief or discuss following (Any two)	10
	A)	
	B)	
	C)	
Q. 3	Describe the following (Any one)	10
	A)	
	B)	
Q. 4	Write short notes (Any five)	15
	A)	
	B)	
	C)	
	D)	
	E)	
	F)	
	G)	

NATURE OF QUESTION PAPERS.

Bachelor of Design – First Year (B. Des)

Interior Design - Semester – I

Sub- Building Technology – I

Total Marks: - 50

Duration: - 4 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.**
- 4. Draw neat sketches wherever necessary.**

-
- | | | |
|------|--|----|
| Q. 1 | Draw / sketch of the given subject. | 15 |
| Q. 2 | Explain the following. (Any one)
A)
B) | 10 |
| Q. 3 | Write in brief answers of the following. (Any one)
A)
B) | 10 |
| Q. 4 | Explain with sketches. (Any two)
A)
B)
C) | 10 |
| Q. 5 | Write short notes (Any Three)
A)
B)
C)
D) | 15 |

NATURE OF QUESTION PAPERS.

Bachelor of Design – First Year (B. Des)

Interior Design - Semester – I

Sub- Graphics & CAD – I

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 orthographies projection of the subject given: 25

Q.2 Draw a neat sketch view of the object give: 10

Q.3 Draw surface development of the given object: 15

SYLLABUS FOR B. Des – I SEMESTER – II

Title of the Course:	Interior Design – II	L	S	Credit
Course Code:	CC- 201**	1	5	6

Note: - 1. (**) Means combine passing for external oral & Theory paper
2. A candidate should obtain min 35% marks in theory exam.

Course Description:

This is the main subject in the curriculum, which focuses on the practical application of all the theory subjects in the design studio. It aims at allowing the student to develop his Designing skills by actually getting involved with progressively difficult design problems.

Realization of Interior Design profession today creating comfortable functional and aesthetically appealing harmonious interior environment.

Course Outcomes:

- Apply principles of planning in efficient space planning;
- Perform the survey/space analysis for appealing harmonious interior environment;
- Design small space of 50Sq. Mt. for kitchen, bed room and study space by application of principal of efficient space planning;
- Select the products for given interior design work;
- Develop interior design for small residential units.

Assessments:

Teacher Assessment:

Assessment	Marks	Min
CIE	10	5
ESE	100	35
Internal Evaluation	50	25
External Evaluation	100	50

Course Contents:

1. Efficiency in space planning to understand their relationships.
2. Data collection, survey and analysis of existing living spaces.
3. Qualitative aspects of space through small design exercises. Preferably small Residential living space like kitchen, Bed rooms, study space etc. up to 50 sq.mt

SYLLABUS FOR B. Des – I SEMESTER – II

Title of the Course:	Theory of Design & Visual Arts- – II	L	S	Credit
Course Code:	CC- 202	2	3	5

Course Description:

Visual Arts/Aesthetics is an art of sensitive appreciation of the “beautiful” It is the pursuit and devotion to beauty and refined taste. It is developing a well-developed sense of beauty. Visual Art is an art of Aesthetics. Sense of Aesthetics helps us to create the simple things of life in a more presentable manner.

A simple ordinary thing or an object when treated with aesthetic sense becomes extra ordinary and unusual. Visual Art can be termed as an art of presenting a thing, an object, or a design in such a fashion that it looks more beautiful and desirable.

Theory of design is subject in which basic elements and principles of design is being studied, and application is done in studio periods of visual arts. Ultimately Theory of design and Visual arts is used in subject Design for making living spaces more beautiful and desirable.

Course Outcomes:

- Develop the 2D and 3D visual composition design work;
- Apply principles of color planning and texture planning to suit the visual effects, psychology and point of application;
- Draw/demonstrate the furniture aesthetics in interior design;
- Describe the fine arts like painting, music poetry and drama in context to design;
- Describe forms in relation to visual arts.

Assessments:

Teacher Assessment:

Assessment	Marks	Min
CIE	10	5
ESE	-	-
Internal Evaluation	50	25
External Evaluation	100	50

Course Contents:

1. 2D & 3D visual compositions-
2. Color planning –Visual effects/ Psychology/ Application.
3. Texture planning –Visual effects / Application.
4. Introduction to furniture Aesthetics.
5. Appreciation of Art- Study of painting & photographs. Introduction of fine arts like painting, Music poetry, drama etc.
6. Appreciation of arts may who includes study of forms in relation to visual arts.
7. Visual arts a collage or a graphical presentation about issues appearing to the student.

SYLLABUS FOR B. Des – I SEMESTER – II

Title of the Course:	Workshop – II	L	S	Credit
Course Code:	CC- 203	-	2	2

Course Description:

Understand material and tools by making objects which allow students to explore forms, surfaces, textures, and patterns i.e. elements and principles of design from Theory of Design & Visual Arts. Explore different joinery, support conditions and woven surfaces under trained experienced master craftsman. Also clear to communicate and establish dialogue between designed crafts skills.

Perceive and understand materials and tools by exploring. The help through visual learning. To established design & craft skill relationship and revel through appreciation of the profession.

Experiential work shop methods are but suite for such learning when craft, print, color, etc elemental activity may be conducted.

Course Outcomes:

1. Develop shapes and sizes from glass, bamboo, cane and wood;
2. Select, handle and operate tools in making glass, bamboo, cane and wood models;
3. Apply color scheme based on the object;
4. Establish/demonstrate the design and craft skills.

Assessments:

Teacher Assessment:

Assessment	Marks	Min
CIE	10	5
ESE	-	-
Internal Evaluation	50	25
External Evaluation	-	-

Course Contents:

To play with all types of materials like

1. Glass,
2. Bamboo and Cane,
3. Wood,
4. Colors application in all mediums, etc.

SYLLABUS FOR B. Des – I SEMESTER – II

Title of the Course:	Building Technology – II	L	S	Credit
Course Code:	CC- 204*	1	2	3

Note: - (*) Means Combined passing for Internal & Theory exam.

Note: (The passing in this subject requires min. 35% marks for theory paper, 50% for internal assessment.

Course Description:

This subject is a major supporting subject to the interior design. The way students imaging in to the design is actually brought in to existing through technology.

Building Technology on the materials use in the construction of building also need of interior design is to know the latest material in the market.

By understanding this subject student is able to do better designs in aspect of function and Technology.

Course Outcomes:

- Describe building material used in constructions;
- Select the building material such as glass, metal, wood suiting to the requirement/function/location of building;
- Describe the types and purpose of painting, varnishing polishing and wall papers;
- Describe the strength of material and its suitability for type of work/functions/purpose, etc.
- Draw the sketches of different type of doors, windows and hardware;
- Collect the samples of building material from the market;

Assessments:

Teacher Assessment:

Assessment	Marks	Min
CIE	10	5
ESE	100	35
Internal Evaluation	40	20
External Evaluation	-	-

Course Contents:

1. Buildings materials – Glass, metals, wood, introduction to the coatings like painting, varnishing, polishing, wall papers etc...
2. Types, uses & strength of materials.
3. STUDIO WORK.
Introduction to types of doors & windows
 - Doors windows in wood, steel and aluminum.
 - Understanding and exposure of hardware, etc.
4. Market surveys based on above mentioned different materials.
5. above topics can be expressed through model making also.
6. introduction to basic hardware used in furniture

Reference Books:-

1. Engg. materials - K.S. Rangwala
2. Engg. Materials – B.K.Agarwal
3. Building Construction – Shushil Kumar
4. Building Construction – Mackay
5. Building Construction- Barry
6. Building Construction – R.Chudley

SYLLABUS FOR B. Des – I SEMESTER – II

Title of the Course:	Graphics & CAD – II	L	S	Credit
Course Code:	CC- 205**	1	3	4

Note: - 1.(**) Means combine passing for external oral & Theory paper
2. A candidate should obtain min 35% marks in theory exam.

Course Description:

Drawing skills as tools to design thinking, visualization and representation initial familiarization with drawing materials and equipment's is followed by basic understandings about the point and the line, straight and curvilinear. Principles of plane geometry, scale orthographic projections of point's lines planes and solids are understood

Gradually through exercises dealing with sections of solids, simple and complex, Development of surfaces, objects, etc.

Use of Auto CAD – Students are practical to get them the use of CAD by using simple drawing & molding compounds, to dose simple object only.

Course Outcomes:

- Draw orthographic, oblique, Axonometric projections of the object/plan'
- Apply techniques of 2D and 3D drawing in developing sociography, human figures and accessories;
- Use CAD software for modifying, editing text, dimension commands;
- Develop the 2D and 3D drawing by using the for modifying, editing text, dimension commands.

Assessments:

Teacher Assessment:

Assessment	Marks	Min
CIE	10	5
ESE	50	18
Internal Evaluation	40	20
External Evaluation	50	25

Course Contents:

- 1.Isometric, Oblique, Axonometric projections.
- 2.Rendering techniques of 2D and 3D drawings and sociography, Human Figures and accessories in 2D and 3D.
- 3.Lettering and use of stencils in drawings.
- 4.CAD I -Introduction and application of Use of Drawing modifying, editing text, dimensioning command. Students are expected to draw simple drawings by using all above-mentioned command.

SYLLABUS FOR B. Des – I SEMESTER – II

Title of the Course:	History – II	L	S	Credit															
Course Code:	CC- 206	1	-	1															
Course Description: This subject is to know basically cultural of world through different civilizations. This subject focus on different furniture from world through different eras.																			
Course Outcomes: <ul style="list-style-type: none">• Describe the design formats of furniture in Italian, English, French;• Describe the significance of furniture;• Describe the furniture design features from ancient world, middle age and modern furniture with the help of sketching;																			
Assessments: Teacher Assessment: <table><tr><td>Assessment</td><td>Marks</td><td>Min</td></tr><tr><td>CIE</td><td>10</td><td>5</td></tr><tr><td>ESE</td><td>-</td><td></td></tr><tr><td>Internal Evaluation</td><td>20</td><td>10</td></tr><tr><td>External Evaluation</td><td>-</td><td>-</td></tr></table>					Assessment	Marks	Min	CIE	10	5	ESE	-		Internal Evaluation	20	10	External Evaluation	-	-
Assessment	Marks	Min																	
CIE	10	5																	
ESE	-																		
Internal Evaluation	20	10																	
External Evaluation	-	-																	
Course Contents: <ol style="list-style-type: none">1. Study of furniture from different area.2. Significance of furniture.3. History of furniture from ancient word, middle ages.4. Study of Italian, French, English furniture.5. Study of modern furniture.																			

SYLLABUS FOR B. Des – I SEMESTER – II

Title of the Course:	Communication Skills – II	L	S	Credit															
Course Code:	CC- 207	1	-	1															
Course Description: Art of communicating in English in professional world.																			
Course Outcomes: <ul style="list-style-type: none">• Demonstrate presentation skills;• Write the descriptive essay/case study/paragraph/précis writing;• Develop the forms of professional correspondence;• Apply the principles/elements of soft skill in communication.																			
Assessments: Teacher Assessment: <table><tr><td>Assessment</td><td>Marks</td><td>Min</td></tr><tr><td>CIE</td><td>10</td><td>5</td></tr><tr><td>ESE</td><td>-</td><td></td></tr><tr><td>Internal Evaluation</td><td>20</td><td>10</td></tr><tr><td>External Evaluation</td><td>-</td><td>-</td></tr></table>					Assessment	Marks	Min	CIE	10	5	ESE	-		Internal Evaluation	20	10	External Evaluation	-	-
Assessment	Marks	Min																	
CIE	10	5																	
ESE	-																		
Internal Evaluation	20	10																	
External Evaluation	-	-																	

LIST OF OPEN ELECTIVES	
Offered By INTERIOR DESIGN	
OPEN ELECTIVE-	2 Credit
1.Jwellery Design 2.Business Communication & Presentation 3.Resume, Report & Proposal Writing 4. Any other open Electives in each semester are subjected to change as per the need of the industry, Market and skill requirements as per specific time and syllabus	

**Bachelor of Design – First Year (B. Des) Interior Design
Semester – II
Sub- Interior Design - II**

Total Marks: - 100

Duration: - 6 hrs

Instructions: -

- 1. Assume suitable data wherever necessary and mention it.**
 - 2. You can use only suitable presentation technique on the given paper only.**
 - 3. Refer drawing given.**
-

- Design problem - Title
- Design problem – Brief
- Requirements of the design problem given:
- Drawing Requirements: -

1) Concept & furniture layout plan

2) Sectional Elevations (Min- 2)

3) Views to explain the interior design scheme. (Min-2)

(Note: - Marking Distribution will be as per design problem)

**Bachelor of Design – First Year (B. Des) Interior
Design Semester – II
Sub- Building Technology- II**

**Total Marks: - 100
Duration: - 4 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.**
 - 4. Draw neat sketches wherever necessary.**
-

- | | | |
|------|--|----|
| Q. 1 | Draw / sketch of the given subject. | 20 |
| Q. 2 | Explain the following. (Any two) | 20 |
| | A) | |
| | B) | |
| | C) | |
| Q. 3 | Write in brief answers of the following. (Any one) | 10 |
| | A) | |
| | B) | |
| Q. 4 | Explain with sketches. (Any two) | 15 |
| | A) | |
| | B) | |
| | C) | |
| | D) | |
| Q. 5 | Write short notes (Any three) | 15 |
| | A) | |
| | B) | |
| | C) | |
| | D) | |

**Bachelor of Design – First Year (B. Des) Interior
Design Semester – II
Sub- Graphics & CAD - II**

**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 | 15 |
| Q. 2 | Draw isomeric \ oblique \ axonometric view of the object given. | 25 |
| Q. 3 | Draw sketch view of the object given. | 10 |



Estd. 1962
'A++' Accredited by NAAC (2021)
With CGPA 3.52

SHIVAJI UNIVERSITY, KOLHAPUR-416 004. MAHARASHTRA
PHONE : EPABX-2609000 website- www.unishivaji.ac.in
FAX 0091-0231-2691533 & 0091-0231-2692333 – BOS - 2609094
शिवाजी विद्यापीठ, कोल्हापूर – 416004.

दुरध्वनी (ईपीएबीएक्स) २६०९००० (अभ्यास मंडळे विभाग- २६०९०९४)
फॅक्स : ००९१-०२३१-२६९१५३३ व २६९२३३३. e-mail: bos@unishivaji.ac.in

SU/BOS/IDS /Outword No **No 00074**

Date: **03 JUL 2021**

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

Subject: Regarding syllabi of Bachelor Vocational under the Faculty of Inter-Disciplinary Studies.

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 syllabi, and Nature of question paper of Bachelor of Vocational under the Faculty of Inter-Disciplinary Studies.

Choice Based Credit System Programs	
1)	B.Voc. Food Processing and Technology, Part-II (Sem-III & IV) (Advanced Diploma)
2)	B.Voc. Horticulture and Floriculture, Part-II (Sem-III & IV) (Advanced Diploma)
3)	B.Voc. Nursing, Part-II (Sem-III & IV) (Advanced Diploma)
4)	B.Voc. Horticulture Science and Technology, Part-II (Sem-III & IV)
5)	B.Des. Part-II (Sem-III & IV)

This syllabi and Nature of question paper shall be implemented from the academic year 2021-2022 onwards. A soft copy containing the syllabi is attached herewith and it is also available on university website www.unishivaji.ac.in. (Students / Online Syllabus)

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

Thanking you,

Yours faithfully,

Dy Registrar

Copy to:

1	P.A. to Director Board of Evaluation and Examination	9	Centre for Distance Education
2	The Dean, Faculty of IDS	10	Computer Centre
3	The Chairman, Respective Board of Studies	11	Affiliation Section (U.G.)
4	B.A. Exam	12	Affiliation Section (P.G.)
5	Eligibility Section	13	P.G.Admission Section
6	O.E. I, II, III, IV Section	14	Appointment Section
7	Dy.registrar (On Exam)	15	P.G.Seminar Section
8	Dy.registrar (Pre. Exam)		

SHIVAJI UNIVERSITY, KOLHAPUR



UNDER THE FACULTY OF INTERDISCIPLINARY
STUDIES – (IDS)

CHOICE BASED CREDIT SYSTEM (CBCS)

Structure, Scheme, & Syllabus for

BACHELOR OF DESIGN (B. Des)
(INTERIOR DESIGN)

PART – II (SEM – III & IV)

**Syllabus to be Implemented from
Academic Year 2021-2022**

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

SHIVAJI UNIVERSITY, KOLHAPUR
SECOND YEAR - Bachelor of Design (B. Des) – Interior Design
 Scheme of Teaching and Examination
Semester – III

			TEACHING SCHEME						EXAMINATION SCHEME							
Sr. No		Course (Subject Title)	THEORY			STUDIO			THEORY /CONTINUOUS INTERNAL EVALUATION				EXTERNAL EVALUATION OF TERM WORK		INTERNAL EVALUATION OF TERM WORK	
			Credits	No of Lectures	Hours	Credits	No of Studios	Total Credit	Mode	Marks	Total Marks	Min	Max	Min	Max	Min
1	Int. Design - III	CC -301	1	1	-	4	7	5	CIE	10	10	5	-	-	40	20
									ESE	-	-	-				
2	Furniture Design-I	DSE-302	1	1	-	1	1	2	CIE	10	10	5			40	20
									ESE	-	-	-				
3	Theory of design& Visual Arts-III	CC -303	1	1	-	2	3	3	CIE	10	10	5	-	-	40	20
									ESE	-	-	-				
4	Work shop – III	CC- 304	-	-	-	2	4	2	CIE	10	10	5	-	-	40	20
									ESE	-	-	-				
5	Interior Technology & Material - I	CC- 305*	2	2	-	2	3	4	CIE	10	10	5	-	-	40	20
									ESE	50	50	18				

6	Interior Services - I	CC- 306*	1	2	-	-	-	1	CIE	10	10	5	-	-	40	20
									ESE	50	50	18				
7	Graphics - III	CC-307	1	1	-	2	5	3	CIE	10	10	5	-	-	40	20
									ESE	-	-	-				
8	History- III	CC-308*	1	2		-	-	1	CIE	10	10	5	-	-	40	20
									ESE	50	50	18				
9	Presentation Techniques - I	SEC-309	-	1	-	1	1	1	CIE	10	10	5	-	-	40	20
									ESE	-	-	-				
10	Open Electives – III	OE - 310	-	-	-	-	-	2	CIE	-	-	-			20	10
									ESE	-	-	-				
			8	11		14	25	24			240				380	

Third Semester Total periods per week – 36

(Note – each lecture / studio period is considered of 50 minutes)

*** Means Combine passing for Semester II paper & Sessional work (Int)**

Total credits – 24

Total Marks – 620

Sem – III for Open Elective – 310 Anyone from following

1. Calligraphy
2. Pottery design
3. Style of Interior
Etc..
4. Any other open Electives in each semester are subjected to change as per the need of the industry,
Market and skill requirements as per specific time and syllabus.

CIE- Continuous Internal Evaluation

ESE – End Semester Examination

OE – Open Elective

SHIVAJI UNIVERSITY, KOLHAPUR
SECOND YEAR - Bachelor of Design (B. Des) – Interior Design
 Scheme of Teaching and Examination
Semester – IV

			TEACHING SCHEME						EXAMINATION SCHEME							
Sr. No		Course (Subject Title)	THEORY			STUDIO			THEORY / CONTINUOUS INTERNAL EVALUATION				EXTERNAL EVALUATION OF TERM WORK		INTERNAL EVALUATION OF TERM WORK	
			Credits	No of Lectures	Hours	Credits	No of Studios	Total Credit	Mode	Marks	Total Marks	Min	Max	Min	Max	Min
1	Int. Design - IV	CC -401**	1	1	-	4	7	5	CIE	10	10	5	100	50	90	45
									ESE	100	100	35				
2	Furniture Design-II	DSE-402	1	1	-	1	1	2	CIE	10	10	5	30	15	40	20
									ESE	-	-	-				
3	Theory of design& Visual Arts- IV	CC -403	1	1	-	2	3	3	CIE	10	10	5	100	50	40	20
									ESE	-	-	-				
4	Work shop – IV	CC- 404	-	-	-	2	4	2	CIE	10	10	5	-	-	40	20
									ESE	-	-	-				
5	Interior Technology & Material - II	CC- 405**	2	2	-	2	3	4	CIE	10	10	5	100	50	40	20
									ESE	50	50	18				

6	Interior Services - II	CC- 406*	1	2	-	-	-	1	CIE	10	10	5	-	-	40	20
									ESE	50	50	18				
7	Graphics - IV	CC-407*	1	1	-	2	5	3	CIE	10	10	5	-	-	40	20
									ESE	100	100	35				
8	History- IV	CC-408*	1	2		-	-	1	CIE	10	10	5	-	-	40	20
									ESE	50	50	18				
9	Presentation Techniques - II	SEC-409	-	1	-	1	2	1	CIE	10	10	5	-	-	40	20
									ESE	-	-	-				
10	Open Electives – IV	OE - 410	-	-	-	-	-	2	CIE	-	-	-			20	10
									ESE	-	-	-				
			8	11		14	25	24			440		330		430	

Fourth Semester Total periods per week – 36

Note – 1. (*) Means combine passing for internal oral & theory paper.

2. (**) Means combine passing for external oral & Theory paper

3. A candidate should obtain min 35% marks in theory exam.

4. Furniture design oral will be assessed along with the External oral of Design IV

Total credits – 24

Total Marks – 1200

Sem – IV for Open Elective – 310 Anyone from following

1. Software Skills for 2 D/ 3D
2. Content writing and docs
3. Advanced product design

Etc..

CIE- Continuous Internal Evaluation

ESE – End Semester Examination

OE- Open Elective

Semester – III

Sr No	Code No	Name of the Subject	Credit
1	CC -301	Int. Design - III	5
2	DSE-302	Furniture Design-I	2
3	CC- 303	Theory of design& Visual Arts-III	3
4	CC- 304	Work shop – III	2
5	CC -305*	Interior Technology & Material - I	4
6	CC- 306*	Interior Services - I	1
7	CC- 307	Graphics -& CAD - III	3
8	CC- 308*	History- III	1
9	SEC -309	Presentation Techniques -I	1
10	OE- 310	Open Elective	2
		Total Credit	24

Semester – IV

Sr No	Code No	Name of the Subject	Credit
1	CC -401**	Int. Design - IV	5
2	DSE-402	Furniture Design-II	2
3	CC- 403	Theory of design& Visual Arts-IV	3
4	CC- 404	Work shop – IV	2
5	CC -405**	Interior Technology & Material - II	4
6	CC- 406*	Interior Services - II	1
7	CC- 407*	Graphics & CAD - IV	3
8	CC- 408*	History- III	1
9	SEC - 409	Presentation Techniques -I	1
10	OE- 410	Open Elective	2
		Total Credit	24

SYLLABUS FOR B. Des – II SEMESTER – III

Title of the Course:	Interior Design –III	L	S	Credit
Course Code:	CC- 301	1	4	5

Course Description:

Students must be able to present a project graphically in a medium and a format that enhance the solution to a design problem and communicate clearly to the audience. In this studio course, students will learn to use a variety of tools and the vocabulary to present their designs in the most effective way.

- Studies on multi-functional spaces.
- Design of medium to large space of medium complexity (several functions together) like Bungalow, Studio apartments, Duplex flats etc.
- Site visits: Site visits to complete buildings pertaining to design problems, group discussions among students, special discussions shall also be arranged with senior students, students should also play roles of clients, contractors and consultants.
- Study of groups of objects forms, masses with basic geometric forms, their compositions, for two- and three-dimensional study in relation with Basic Design.

Course Outcomes:

- Apply & develop theory of design in the planning of space.
- Apply & develop creativity in interior space planning
- Design a large space of 300 sqm for residential, commercial space by application of theory of design.
- Apply material for the interior space planning.

Teacher Assessment:

Assessment	Marks	Pass
CIE	10	5
ESE	-	-
Internal Evaluation	40	20
External Evaluation	-	-

Course Contents:

The student will be able to:

Unit 1 Use a variety of drawing media for effective communication of design development & Solution.

Unit 2 Understand and discuss the interior environment in the context of the exterior,

Unit 3 Discuss and orally present how artifacts enhance and reflect in concept of the design.

Unit 4 Explore a variety of manual visual presentation techniques.

Improve verbal presentation skills through daily informal presentations of renderings.

SYLLABUS FOR B. Des – II SEMESTER – III

Title of the Course:	Furniture Design -I	L	S	Credit
Course Code:	CC- 302	1	1	2

Course Description:

Way of analyzing furniture forms and designing furniture forms scientifically based on ergonomics materials design and working parameters and visual perception of furniture as a single form and as system in a given interior space.

1. Case study of a particular furniture type

- Detailed Measurements
- Understanding the functions & activity
- Identifying the design scope & limitations.

2. Developing of a particular furniture type

- Identifying the furniture & activity
- Define the material & Aesthetics aspects
- Furniture the design data to ergonomics

Course Outcomes:

- Analysis furniture form;
- Design furniture form based on ergonomics, materials, designs and working parameters;
- Draw visual perception of furniture.

Teacher Assessment:

Assessment	Marks	Pass
CIE	10	5
ESE	-	-
Internal Evaluation	40	20
External Evaluation	-	-

Course Contents:

Unit 1 Understanding the critical issues of human anthropometrics, ergonomics

Unit 2 details and aesthetics through model's mockup and prototypes.

Unit 3 Small pieces of furniture design in residential spaces. Like designing a sitting element, cabinets, etc.

Unit 4 Full-size drawings and prototype to understand critical nature of each and every dimension, detail and its comfortable value with material used.

SYLLABUS FOR B. Des – II SEMESTER – III

Title of the Course:	Theory of Design & Visual Arts -III	L	S	Credit
Course Code:	CC- 303	1	2	3

Course Description:

The course explores the relationships between interior discourse and the visual arts from the historical avant-garde to the present. Interior discourse will be considered as the intersection of diverse systems of representation: buildings, projects, drawings, but also interior theory and criticism, exhibitions, photographs, professional magazines, and the popular press. The course treats as visual arts not only painting and sculpture, but also photography, cinema, fashion, advertisements, and television.

Course Outcomes:

- Analyze the visual arts with respect to theoretic, discursive, analytic and critical aesthetics;
- Develop visuals in different forms;
- Demonstrate skills for applying techniques, technology and hand skills

Teacher Assessment:

Assessment	Marks	Pass
CIE	10	5
ESE	-	-
Internal Evaluation	40	20
External Evaluation	-	-

Course Contents:

The content must stress on three areas.

Unit 1 Intellectual – theoretic, discursive, analytic, critical aesthetics.

Unit 2 Visual – two and three dimensional, black and white & color, DVDs and CDs on art films, films on artists, even feature films known for excellence in the visual.

Unit 3 Skills – techniques, technology, skills of doing things by hand, traditional crafts etc.

Unit 4 History of Fine Arts, study of Isms.

Student's work may be seen to build an "Art Thesis" of sort, after a series of works in studio, workshops, time problems, as well as collective efforts in installations etc. coupled with short theoretical assignments which improve the overall perception of arts.

SYLLABUS FOR B. Des – II SEMESTER – III

Title of the Course:	Workshop – III	L	S	Credit
Course Code:	CC- 304	-	2	2

Course Description:

Understand material and tools by making objects which allow students to explore forms, surfaces, textures, and patterns. Explore different joinery, support conditions and woven surfaces under trained experienced master craftsman. Also clear to communicate and establish dialogue between designed crafts skills.

Understand and improve imaginations through visual art by modeling object of variety of materials to enhance the knowledge of surface, texture, forms. Clean communication to be established through activities in between design and craftsmanship. A cultural orientation may be divided to integrate with current requirement of profession.

Course Outcomes:

- Prepare block models, preliminary models and finished models by using metal, plaster of Paris;
- Use tools and develop hands on skills to use materials for preparing models;
- Demonstrate/apply the principle of surface forming, texture and forms.

Teacher Assessment:

Assessment	Marks	Pass
CIE	10	5
ESE	-	-
Internal Evaluation	40	20
External Evaluation	-	-

Course Contents:

Unit 1 To understand & experience with all types of materials in interior space designing -like Wood, Clay, Metal, Plaster of Paris etc.

Unit 2 Implementation and hands on experience of above said Material in Interior space designing.

Unit 3 Preparation of Block models, Preliminary models & finish models for Interior space Design.

Unit 4 The Above units should be effectively linked with Interior space design and more stress will be laid on industry linkages for training and hands on experience.

SYLLABUS FOR B. Des – II SEMESTER – III

Title of the Course:	Interior Technology & Material – I	L	S	Credit
Course Code:	CC- 305*	1	3	4

Note: - (*) Means Combined passing for Internal & Theory exam.

Course Description:

This course introduces students to the art and science of building. Emphasis will be placed gaining an understanding of construction materials, methods and the process of translating design ideas into built form. Specific topics are introduced each week. These topics are then further, various design strategies, materials, fabrication techniques, and didactic built works are explored. As both a qualitative and a basic quantitative understanding of elementary systems are mastered, the curriculum shifts its focus onto increasingly complex systems serving entire buildings. The sequence's last two courses develop an understanding of how technical-utilitarian systems are resolved, integrated with other systems. The material in class requires students to have some experience and understanding of architectural design, drawings and details.

Course Outcomes:

- Apply knowledge of construction material, methods and processes to transform idea in to design;
- Develop the design for staircase, upholstery materials and partition and paneling;
- Compare different design suiting the purpose/functions and principles of design

Teacher Assessment:

Assessment	Marks	Pass
CIE	10	5
ESE	50	18
Internal Evaluation	40	20
External Evaluation	-	-

Course Contents:

Unit 1 STAIRCASES

Types of staircases- materials used- wooden, Ms. etc. construction.

Unit 2 UPHOLSTRY & ITS CONSTRUCTION.

Materials used as upholstery-cotton, synthetic, [rexins, foam leather,]-different types of frames used for upholstery like wooden, plywood, metal, composite frames.

Unit 3 PARTITION

- Construction of partitions in interior space designing with different materials like - Ply, Glass, Clay Products, Bricks, Concert blocks, gypsum, etc.
- types partition. Full / half Hight partitions, Single skin / double skin partitions-, introduction to factory made modular & ready to assemble partitions, dry walls, etc..

Unit 4 PANELLING

Construction of paneling in interior space designing with different materials used for paneling- Ply, Glass, Gypsum, P.O.P, etc.

SYLLABUS FOR B. Des – II SEMESTER – III

Title of the Course:	Interior Services - I	L	S	Credit
Course Code:	CC- 306*	1	-	1

Note: - (*) Means Combined passing for Internal & Theory exam.

Course Description:

This subject supports basically to interior Technology & Interior Design. This subject includes different technology used for different services included in the interior design.

This subject is to understand basic products used in a service to work use & effectually designed spaces.

This subject includes basic of Sanitary fixtures, bathroom accessories, drainage system, water supply system in the 3rd semester.

Course Outcomes:

- Describe the different classification and functions of sanitary fixtures;
- Develop the drawing/plan of drainage system, plumbing system and water supply system inclusive of hot water & cold-water supply;
- Estimating, analyzing the quality and quantity of water require for different purpose;
- Draw the sketches of fittings and parts required in drainage and water supply systems;
- Describe different types of water heating equipment with respect to specification and capacity.

Teacher Assessment:

Assessment	Marks	Pass
CIE	10	5
ESE	50	18
Internal Evaluation	40	20
External Evaluation	-	-

Course Contents:

Unit 1 Sanitary fixtures

Introduction -

Classification of sanitary fixtures –

Ablution fixtures - wash basins - sinks- Kitchen, Janitor Bathroom fixtures – shower trays - Bathtubs - Soil fixtures-

Water Closets - WC - floor & wall mounted - Indian water closet – Anglo – Indian water closets – Urinals Bowl, Stall, Aqua free - Squatting plate - Bidet – Slop sinks

Unit 2 Accessories - Bathroom Accessories. Towel rings, sop dish, mirrors, toilet paper holder, automatic sanitizer machine, aroma diffuser etc ...

Unit 3 Drainage system

Introduction -

principle of drawing - system of plumbing – One pipe, two pipe etc - Comparison of systems - systems recommended - Vent pipes - syphonic action - traps for appliances - Bottle traps, Nahani traps , gully traps etc - Air admittance value, Pipes & their joints - study of kitchen & toilet areas - septic tanks- etc.

Unit 4 Water supply

Introduction - Impurities in water - Effect of impurities - Treatment Of water - Conveyance of water - per capita supply - storage of water – Storage tanks for bungalows - Typical water supply layout from service main to building- etc..

Hot Water Supply

Intro – Quantity of hot water - sizing of vessels for storage - Types of hot water – sizing of vessels for storage - Types of heaters – pressure & hon.- Pressure types - Tank-issues water heaters - G easers – central hot water system - hot water piping layout – Principles of design , Return Circulation System - Solar thermal energy - sofa type water heater - Hot water supply layout- etc..

SYLLABUS FOR B. Des – II SEMESTER – III

Title of the Course:	Graphics - III	L	S	Credit
Course Code:	CC- 307	1	2	3

Course Description:

This subject is continued for 3rd semester after the basic orthographic projection. The Subject for 3rd semester continued gradually through exercises detailing with section of solids. Complex development of surface, objects, etc..

Introduction of knowledge of perspective is key for visualization – use of auto cad student of practical to get then the use of CAD by using simple drawing & molding compounds, to dose simple object only.

Course Outcomes:

- Apply principles of one point and two-point perspective of simple objects and interior design;
- Develop perspective of interactive design at different levels.

Teacher Assessment:

Assessment	Marks	Pass
CIE	10	5
ESE	-	-
Internal Evaluation	40	20
External Evaluation	-	-

Course Contents:

Part - I

Unit 1 Introduction of Perspective

Unit 2 Principles of one point perspective of simple / Complex objects and Interior Design elements.

Unit 3 Principles of Two-point perspective of simple / Complex objects and Interior Design elements.

Unit 4 Perspective of Interior and Exteriors spaces using different eye levels.

SYLLABUS FOR B. Des – II SEMESTER – III

Title of the Course:	History - III	L	S	Credit
Course Code:	CC- 308*	1	-	1

Note: - (*) Means Combined passing for Internal & Theory exam.

Course Description:

- Develop awareness of the material cultures and life styles associated with past civilizations and their relevancy to contemporary design.
- Identify furniture styles and understand why a style developed and its relationship to social, economic, and political conditions and how it influences contemporary design.
- Develop a sensitivity and appreciation of historic design. Learn to be objective.

Course Outcomes:

- Describe the material cultures and life styles associated with Indian and European architecture;
- Describe with sketch/drawing the temple architecture, Egyptian, Greek and Roman architecture;
- Apply the principles of design in different culture in the development of design/furniture design

Teacher Assessment:

Assessment	Marks	Pass
CIE	10	5
ESE	50	18
Internal Evaluation	40	20
External Evaluation	-	-

Course Contents:

Introduction to the Indian and European Architecture.

Unit 1 Introduction to ancient civilization

Unit 2 Temple Architecture - Surface decoration, treatments.

Unit 3 Introduction of Egyptian, study of interiors evolution of Interior design. how it was affected by social, political forces etc...

Unit 4 Introduction of Greek, and Roman Architecture – study of interiors evolution of Interior design. how it was affected by social, political forces etc...

SYLLABUS FOR B. Des – II SEMESTER – III

Title of the Course:	Presentation Techniques - I	L	S	Credit
Course Code:	CC- 309	-	1	1

Course Description:

To train the students in the techniques of three-dimensional presentation-built form with using manual and computer skill. Interior photography and photographic techniques related to Interior elements. Application of various types of lenses. Rendering of the plans, sections, elevations, perspectives using different media.

Course Outcomes:

- Use techniques of 3D presentation-built form manually and by using computer skills;
- Use techniques of productivity and management payers and symbol generations;
- Operate drafting and presentation by using software.

Teacher Assessment:

Assessment	Marks	Pass
CIE	10	5
ESE	-	-
Internal Evaluation	40	20
External Evaluation	-	-

Course Contents:

Computer application in Interior Design: -

Unit 1 Use of draw tools, use of view, Different types of styles e.g., dimension style, text, style, symbol library, drawing at different scales, composition of drawing at different scales. (Concept of paper space & model space).

Unit 2. Use of edit tools, use of view, Different types of styles e.g., dimension style, text, style, symbol library, drawing at different scales, composition of drawing at different scales. (Concept of paper space & model space).

Unit 3 Introduction to other drafting & presentation softwares.

Unit 4 Introduction to interface between the different presentation softwares.

LIST OF OPEN ELECTIVES	
Offered By INTERIOR DESIGN	
OPEN ELECTIVE	2 Credit
<ol style="list-style-type: none"> 1. Calligraphy 2. Pottery design 3. Style of Interior Etc.. 4. Any other open Electives in each semester are subjected to change as per the need of the industry, Market and skill requirements as per specific time and syllabus. 	

GENRAL 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 |

GENERAL NATURE OF QUESTION PAPERS.

**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 |

GENERAL NATURE OF QUESTION PAPERS.

Bachelor of Design – Second Year (B.Des)

Semester – III

Sub- History - III

Total Marks: - 50

Duration: - 2 hrs

Instructions: -

- 1 Q. No.1 is compulsory and answer 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 | Explain with sketches (any one)
a)
b) | 10 |
| 2 | Write short note on (any Three)
a)
b)
c)
d) | 15 |
| 3 | Draw neat sketches of the following (any three)
a)
b)
c)
d) | 15 |
| 4 | Explain with sketches (any two)

a)
b)
c) | 10 |

SYLLABUS FOR B. Des – II SEMESTER – IV

Title of the Course:	Interior Design –IV	L	S	Credit
Course Code:	CC- 401**	1	4	5

Note: - 1. () Means combine passing for external oral & Theory paper
2. A candidate should obtain min 35% marks in theory exam.**

Students must be able to present a project graphically in a medium and a format that enhance the solution to a design problem and communicate clearly to the audience. In this studio course, students will learn to use a variety of tools and the vocabulary to present their designs in the most effective way.

- Studies on multi-functional spaces.
- Design of medium to large space of medium complexity (several functions together) to introduce commercial designs like small shops, offices, etc....
- Site visits: Site visits to complete buildings pertaining to design problems, group discussions among students, special discussions shall also be arranged with senior students, students should also play roles of clients, contractors and consultants.
- Study of groups of objects forms, masses with basic geometric forms, their compositions, for two- and three-dimensional study in relation with Basic Design.

Course Outcomes:

- Apply & develop theory of design in the planning of space.
- Apply & develop creativity in interior space planning
- Design a large space of 300 sqm for commercial space by application of theory of design. Apply material for the interior space planning.
- Applying and developing interior design for large and small commercial spaces.

Assessments:

- Continuous assessment and marking system should be followed
- Block models, preliminary models with site development, human figures with using various model making materials and techniques.
- Internal and External exams will be based on above understanding of topics.

Teacher Assessment:

Assessment	Marks	Pass
CIE	10	5
ESE	100	35
Internal Evaluation	90	45
External Evaluation	100	50

Course Contents:

The student will be able to:

- Unit 1** Use a variety of drawing media for effective communication of design development & Solution.
 - Unit 2** Understand and discuss the interior environment in the context of the exterior,
 - Unit 3** Discuss and orally present how artifacts enhance and reflect in concept of the design.
 - Unit 4** Explore a variety of computerized visual presentation techniques.
- Improve verbal presentation skills through daily informal presentations of renderings

SYLLABUS FOR B. Des – II SEMESTER – IV

Title of the Course:	Furniture Design -II	L	S	Credit
Course Code:	CC- 402	1	1	2

Course Description:

Way of analyzing furniture forms and designing furniture forms scientifically based on ergonomics materials design and working parameters and visual perception of furniture as a single form and as system in a given interior space.

A) Case study of a particular furniture type

- 1) Detailed Measurements
- 2) Understanding the functions & activity
- 3) Identifying the design scope & limitations.

B) Developing of a particular furniture type

- 1) Identifying the furniture & activity
- 2) Define the material & Aesthetics aspects
- 3) Furniture the design data to ergonomics

Design solution for the prescribed furniture element

3. Analysis of the furniture

Contemporary furniture –

Traditional materials of construction New Materials and innovative techniques.

Technology of furniture –

Factors considered in the design process Stability and strength (Design for compressive, tensile bending shear & torsion)

Contemporary Materials –

Wood joint particle board Hard board Bentwood molded various, various finished, metals plastics, hardware, and upholstery.

Course Outcomes:

- Analyze furniture form;
- Design furniture form based on ergonomics, materials, designs and working parameters;
- Draw visual perception of furniture.

Teacher Assessment:

Assessment	Marks	Pass
CIE	10	5
ESE	-	-
Internal Evaluation	40	20
External Evaluation	30	15

Course Contents:

Unit 1 Understanding the critical issues of human anthropometrics, ergonomics

Unit 2 details and aesthetics through model's mockup and prototypes.

Unit 3 Small pieces of furniture design in commercial spaces. Like designing a sitting element, cabinets, etc.

Unit 4 Full-size drawings and prototype to understand critical nature of each and every dimension, detail and its comfortable value with material used.

SYLLABUS FOR B. Des – II SEMESTER – IV

Title of the Course:	Theory of Design & Visual Arts -IV	L	S	Credit
Course Code:	CC- 403	1	2	3

Course Description:

The course explores the relationships between interior discourse and the visual arts from the historical avant-garde to the present. Interior discourse will be considered as the intersection of diverse systems of representation: buildings, projects, drawings, but also interior theory and criticism, exhibitions, photographs, professional magazines, and the popular press. The course treats as visual arts not only painting and sculpture, but also photography, cinema, fashion, advertisements, and television.

Course Outcomes:

- Analyze the visual arts with respect to theoretic, discursive, analytic and critical aesthetics;
- Develop visuals in different forms;
- Demonstrate skills for applying techniques, technology and hand skills.

Teacher Assessment:

Assessment	Marks	Pass
CIE	10	5
ESE	-	-
Internal Evaluation	40	20
External Evaluation	100	50

Course Contents:

Unit 1 The content must stress on three areas.

Intellectual – theoretic, discursive, analytic, critical aesthetics.

Unit 2 Visual – two and three dimensional, black and white & color, DVDs and CDs on art films, films on artists, even feature films known for excellence in the visual.

Unit 3 Skills – techniques, technology, skills of doing things by hand, traditional crafts etc.

Unit 4 History of Fine Arts, study of Isms.

Student's work may be seen to build an "Art Thesis" of sort, after a series of works in studio, workshops, time problems, as well as collective efforts in installations etc. coupled with short theoretical assignments which improve the overall perception of arts.

SYLLABUS FOR B. Des – II SEMESTER – IV

Title of the Course:	Workshop – IV	L	S	Credit
Course Code:	CC- 404	-	2	2

Course Description:

Understand material and tools by making objects which allow students to explore forms, surfaces, textures, and patterns. Explore different joinery, support conditions and woven surfaces under trained experienced master craftsman. Also clear to communicate and establish dialogue between designed crafts skills.

Understand and improve imaginations through visual art by modeling object of variety of materials to enhance the knowledge of surface, texture, forms. Clean communication to be established through activities in between design and craftsmanship. A cultural orientation may be divided to integrate with current requirement of profession.

Course Outcomes:

- Prepare block models, preliminary models and finished models by using metal, plaster of Paris;
- Use tools and develop hands on skills to use materials for preparing models;
- Demonstrate/apply the principle of surface forming, texture and forms.

Teacher Assessment:

Assessment	Marks	Pass
CIE	10	5
ESE	-	-
Internal Evaluation	40	20
External Evaluation	-	-

Course Contents:

Unit 1 Introduction to Photography

Unit 2 To understand & experience with like Textile, weaving tile making etc.

Unit 3 Preparation of Block models, Preliminary models & finish models for Interior space Design

Unit 4 The Above units should be effectively linked with Interior space design and more stress will be laid on industry linkages for training and hands on experience.

SYLLABUS FOR B. Des – II SEMESTER – IV

Title of the Course:	Interior Technology & Material – II	L	S	Credit
Course Code:	CC- 405**	2	2	4

Note: - 1. () Means combine passing for external oral & Theory paper
2. A candidate should obtain min 35% marks in theory exam.**

Course Description:

This course introduces students to the art and science of building. Emphasis will be placed gaining an understanding of construction materials, methods and the process of translating design ideas into built form. Specific topics are introduced each week. These topics are then further, various design strategies, materials, fabrication techniques, and didactic built works are explored. As both a qualitative and a basic quantitative understanding of elementary systems are mastered, the curriculum shifts its focus onto increasingly complex systems serving entire buildings. The sequence's last two courses develop an understanding of how technical-utilitarian systems are resolved, integrated with other systems. The material in class requires students to have some experience and understanding of architectural design, drawings and details.

Course Outcomes:

- Apply knowledge of construction material, methods and processes to transform idea in to design;
- Develop the design for False sealing, flooring and metal;
- Compare different materials and design of for False sealing, flooring and metal suiting the purpose/functions and principles of design

Teacher Assessment:

Assessment	Marks	Pass
CIE	10	5
ESE	50	18
Internal Evaluation	40	20
External Evaluation	100	50

Course Contents:

Unit 1 FALSE CEILING

Introduction to ceilings- types of ceilings --metal coated strip sections, ply, pop, gypsum [readymade branded ceiling systems] -construction details of the above-mentioned ceilings.

Unit 2 FLOORING MATERIALS

Introduction to flooring material – types of flooring material, natural stones, natural wood vitrified flooring tiles, cement paving blocks, synthetic flooring tiles or rolls, laminated flooring tiles, clay tiles etc -

Unit 3 FLOORING CONSTRUCTION

Introduction to construction of flooring – types of flooring material, natural stones, vitrified flooring tiles, cement paving blocks, synthetic flooring tiles or rolls, laminated flooring tiles, - to Understand & study construction methods of above-mentioned flooring materials. tile on tile construction method of fixing tiles etc.

Unit 4 METALS

Ferrous & nonferrous metals and alloys – pig iron-cast iron-wrought iron-mild steel-high carbon steel-copper-aluminum-brasses-bronze-model metal-uses of above-mentioned metals, alloys, & their properties.

SYLLABUS FOR B. Des – II SEMESTER – IV

Title of the Course:	Interior Services - II	L	S	Credit
Course Code:	CC- 406*	1	-	1

Note: - 1. () Means combine passing for external oral & Theory paper
2. A candidate should obtain min 35% marks in theory exam.**

Course Description:

This subject supports basically to interior Technology & Interior Design. This subject includes different technology used for different services included in the interior design. This subject is to understand basic products used in a service to work use & effectually designed spaces.

This subject includes basic of lighting, HVAC, fire protection.

Course Outcomes:

- Describe the different classification and functions of lighting, climatology and fire protection;
- Develop the drawing/plan lighting and fire system;
- Draw the sketches of lighting systems and ventilators;
- Describe different types of fire protection systems and equipment.

Teacher Assessment:

Assessment	Marks	Pass
CIE	10	5
ESE	50	18
Internal Evaluation	40	20
External Evaluation	-	-

Course Contents

Unit 1 LIGHTING –NATURAL

Introduction - Natural lighting - " Artificial lighting. Natural lighting - Daylight - Daylight factors. Direct light - Indirect light - defused light

Unit 2 ARTIFICIAL ILLUMINATION

Introduction -- Artificial lighting. Artificial lighting - types of lighting systems
General lighting system - Direct light - Indirect light - defused light - Types of fittings - Down - lighters - wall washers - up - lighter Task lighting – Accent lighting - terminology like Lux , Lumens - illuminations required in Various areas - Variety of Lamps - Incandescent lamps - Tang stem Halogen lamps - Florescent lamps - Mercury lamps - sodium vapor lamps - flicker
Emergency lightings - Lighting Accessories - Protection devices-etc..

Unit 3 STUDY OF CLIMATIC CONDITION & INTRODUCTION TO HVAC

Building Environments: -

Ventilation - furniture requirements – Heat balance of the body - system of ventilation - Natural ventilation - general rules of ventilation - Artificial ventilation- etc.

Unit 4 FIRE PROTECTION

Introduction - fire protection - Requirement of water - systems of firefighting - External & Internal - wet & dry riser - sprinkler system - firefighting equipment -

Means of escapes, staircase lifts – etc.

SYLLABUS FOR B. Des – II SEMESTER – IV

Title of the Course:	Graphics - IV	L	S	Credit
Course Code:	CC- 407*	1	2	3

Note: - (*) Means Combined passing for Internal & Theory exam.

Course Description:

Developing visualization and imagination through one point perspective, two-point perspective is a key of element in developing interior space design.

Course Outcomes:

- Demonstrate/Develop the shades and shadows in interior design;
- Apply principles of two point and 3 points in perspective of simple objects and interior design;
- Develop perspective of interactive design in 3D sketching.

Teacher Assessment:

Assessment	Marks	Pass
CIE	10	5
ESE	100	35
Internal Evaluation	40	20
External Evaluation	-	-

Course Contents:

Unit 1 Introduction Sociography & Study of shades and shadows.

Unit 2 Implementation of concepts of Sociography of point, line, shapes & forms in 2D

Unit 3 Application of sociography in one point perspective drawing of simple / complex objects of interior & exterior.

Unit 4 Application of sociography in two-point perspective drawing of simple / complex objects of interior & exterior.

SYLLABUS FOR B. Des – II SEMESTER – IV

Title of the Course:	History - IV	L	S	Credit
Course Code:	CC- 408*	1	-	1

Note: - (*) Means Combined passing for Internal & Theory exam.

Course Description:

- Develop awareness of the material cultures and life styles associated with past civilizations and their relevancy to contemporary design.
- Identify furniture styles and understand why a style developed and its relationship to social, economic, and political conditions and how it influences contemporary design.
- Develop a sensitivity and appreciation of historic design. Learn to be objective.

Course Outcomes:

- Describe the material cultures and life styles associated with different cultures;
- Describe with sketch/drawing the features of different architecture;
- Apply the principles of design in different culture in the development of design/furniture design.

Teacher Assessment:

Assessment	Marks	Pass
CIE	10	5
ESE	-	-
Internal Evaluation	40	20
External Evaluation	-	-

Course Contents:

Unit 1 Introduction to the Indian and western Architecture, Islamic Architecture in India

Unit 2 Introduction to the Byzantine Architecture, Introduction to the Gothic Architecture

Unit 3 Introduction to the Renaissance Architecture

Unit 4 Colonial Architecture of India

Above topics should be studied with respect to orders, building types, aesthetical characters, and technology. These civilizations introduced the classic idiom that consistently reappeared over the centuries and established the framework for inquiry by which historical study is analyzed in this field. Study should examine the evolution of interior design. How social, political, artistic, economic, technological, religious, and cultural forces impact the evolution of interior design.

SYLLABUS FOR B. Des – II SEMESTER – IV

Title of the Course:	Presentation Techniques - II	L	S	Credit															
Course Code:	CC- 409	-	1	1															
Course Description: Developing skills in non – graphic applications of computer as required for Interior profession and office management such as word processing, spreadsheets, power point presentations, databases etc.																			
Course Outcomes: <ul style="list-style-type: none">• Use techniques of 3D modeling;• Apply the lighting aspects of 3D models;• Use techniques of productivity and management payers and symbol generations;• Operate/ use different commands for drafting and presentation and viewing by using software.																			
Teacher Assessment: <table><tr><td>Assessment</td><td>Marks</td><td>Pass</td></tr><tr><td>CIE</td><td>10</td><td>5</td></tr><tr><td>ESE</td><td>-</td><td>-</td></tr><tr><td>Internal Evaluation</td><td>40</td><td>20</td></tr><tr><td>External Evaluation</td><td>-</td><td>-</td></tr></table>					Assessment	Marks	Pass	CIE	10	5	ESE	-	-	Internal Evaluation	40	20	External Evaluation	-	-
Assessment	Marks	Pass																	
CIE	10	5																	
ESE	-	-																	
Internal Evaluation	40	20																	
External Evaluation	-	-																	
Course Contents: Unit 1 Introduction to interactive multimedia technology for design presentation Computer application in Interior Design Unit 2 Concept of 3D modeling, Introduction to 3D modeling. Study lighting aspect like shades and shadows of 3D models. 3D model of small-scale Interior projects. Unit 3 Concept of UCS, 3 Dimensional drawings primitive mesh and surfaces. Viewing commands & Viewpoints. Unit 4 Introduction to shading & rendering. Rendering and hatching.																			

LIST OF OPEN ELECTIVES	
Offered By INTERIOR DESIGN	
OPEN ELECTIVE	2 Credit
<ol style="list-style-type: none"> 1. Software Skills for 2D/3D 2. Content Writing & Docs 3. Advanced Product Design 4. Any other open Electives in each semester are subjected to change as per the need of the industry, Market and skill requirements as per specific time and syllabus. 	

GENERAL NATURE OF QUESTION PAPERS.

Bachelor of Design – Second Year (B. Des)

Semester – IV

Sub- Design - IV

Total Marks: - 100

Duration: - 9 hrs

Instructions: -

- 1. Assume suitable data wherever necessary and mention it.**
 - 2. You can use only suitable presentation technique on the given paper only.**
 - 3. Refer drawing given.**
-

- Design problem - Title
- Design problem – Brief
- Requirements of the design problem given:
- Drawing Requirements: -
 - 1) Concept & furniture layout plan
 - 2) Sectional Elevations (Min- 2)
 - 3) Views to explain the interior design scheme. (Min-2)
 - 4) Furniture detail (any one)
 - 5) Ceiling and flooring layout.

(Note:- Marking Distribution will be as per requirements design problem)

GENERAL 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) | 05 |
| 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- Interior Services - II

Total Marks: - 50

Duration: - 2 hrs

Instructions: -

Q. No.1 is compulsory and answer any three of remaining questions.

Illustrate your answer wherever necessary.

Figures at the right indicate full marks.

Assume suitable data wherever necessary & mention it.

Draw neat sketches wherever necessary.

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

GENRAL NATURE OF QUESTION PAPERS.

Bachelor of Design – Second Year (B.Des)
Semester – IV
Sub- History - IV

Total Marks: - 50

Duration: - 2 hrs

Instructions: -

Q. No.1 is compulsory and answers any three of remaining questions.

Illustrate your answer wherever necessary.

Figures at the right indicate full marks.

Assume suitable data wherever necessary & mention it.

Draw neat sketches wherever necessary.

- | | | |
|----|---|----|
| 1 | Explain with sketches (any one)
a)
b) | 10 |
| 2 | Write short note on (any Three)
a)
b)
c)
d) | 15 |
| 3. | Draw neat sketches of the following (any three)

a)
b)
c)
d) | 15 |
| 4 | Explain with sketches (any two)
a)
b)
c) | 10 |

GENERAL NATURE OF QUESTION PAPERS.

Bachelor of Design – SECOND YEAR (B.Des)

Semester – IV

Sub- Graphics - IV

Total Marks: - 100

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.

Q. 2 Draw perspective view of the object given.

Q. 3 Draw Sociography in plan, elevation & in perspective in Q no. 1 & Q. no 2

(Note: - Marking Distribution will be as per requirements problem)