SWAMI VIVEKANAND
SUBHARTI UNIVERSITY
UGC Approved
Meerut

ACCREDITED WITH GRADE A NAAC

ORDINANCE GOVERNING

ORDINANCE V-115(A)

BACHELOR OF SCIENCE (Research)

(INTERIOR DESIGN)

FOUR– YEAR DEGREE PROGRAMME

AS PER NEP-2020

Swami Vivekanand

SUBHARTI UNIVERSITY

Meerut

Effective from Session 2024-2025

Approved By the Academic Council in its Meeting Held on 29.12.2024

Approved By the Academic Council in its Meeting Held on 21.12.2021

Subharti College of Fine Arts & Design PRINCIPAL Meerut

PREAMBLE

The modern education system is slowly finding its roots in ancient Indian Education System which was so dynamic that it kept evolving in complex environmental conditions. A vibrant and flexible educational system is a sure bet against all odds that a nation could face in the contemporary world. Against this importance of the need to keep the educational system in vibrancy, the Government of India constituted under the Chairmanship of Great Educationist and Scientist Dr. Kasturirangan. The Committee, after an exhaustive examination of the existing educational system and of the need to adapt to the changing condition of Young India aspiring for greater skills and knowledge, produced a voluminous Document known as 'The National Education Policy (NEP) – 2020'.

The NEP-2020 is based on the principle that education must develop not only cognitive capacities - both the 'foundational capacities' of literacy and numeracy and 'higher-order' cognitive capacities, such as critical thinking and problem solving – but also social, ethical, and emotional capacities and dispositions. In a broader way, NEP envisions an education system rooted in Indian ethos that contributes directly to transforming India, that is Bharat, sustainably into an equitable and vibrant knowledge society, by providing high-quality education to all, and thereby making India a global knowledge superpower.

The NEP-2020 envisages a student centric educational system with an opportunity to learn multiple courses and programs and provides a comparable and globally competitive educational system. It transforms the existing Higher Educational System into creative, innovative and research-oriented system. In addition to the traditional and time-tested system of continuing with the 3- year educational program, the NEP provides an opportunity to the young minds to move up the ladder of knowledge stream by entering into the Honors and Research qualifications. The under-graduate three -year programs create a better avenue for higher-degree study at Master's / Ph.D. level and also demonstrate to prospective employers a higher capacity for independent learning and research, along with enhanced problem-solving, critical thinking, independent learning and communication.

The SVSU, an educational base always had an objective to provide holistic education and accredited "A" University by NAAC, has a history of latching all contemporary changes and developments which are student-centric and society-growth oriented. The NEP-2020 needs the whole- hearted co-operation and support of galaxy of academia and educationist. Hence, the University constituted a Committee under the Chairmanship of incumbent Vice-Chancellor Maj. Gen (Dr.) G. K. Thapaliyal to frame Ordinance for all undergraduate programs under the umbrella of NEP-2020. This Ordinance shall be known as "Ordinance Governing Under-Graduate Programs under NEP-2020" of SVSU.

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Introduction

Nandlal Bose College of Fine Arts and Fashion Design was established in 2009 under Swami Vivekanand Subharti University (SVSU) Meerut with a vision to produce highly qualified, skilled, trained, artists, designers and competent professionals for preserving and

promoting the Indian heritage and focusing on self-employment generation.

Vision of NBSCFF is to impart quality education in the field of Arts, Animation, Fashion, Textiles & Interior design to students with the objective of awakening their innate creativity so that success follows them in future pursuit of life and they are able to achieve unique potential.

Mission to establish the NBSCFF was specially centralized to focus on and provide a stimulating learning environment in the present challenging world with technological aids and latest techniques in the field of Arts, Animation, Fashion, Textiles and Interior design.

The college aims at creating the pool of lifelong learners by providing opportunities to paint their own canvas of life in all its shades and hues to share with the world its beauty and radiance.

We aim to be the best teaching center in the field of Art, Animation and Design by creating the professionals in their respective fields.

BACHELORS OF INTERIOR DESIGN (B.SC ID)

***Programme Objectives*:**

The Programme enables the student to acquire skills for future management roles of various Fields within specialization.

1. To train students in space planning, furniture design, and interior styling for residential, commercial, and institutional projects.
2. To impart knowledge and skills related to design to provide a comprehensive insight into the basic knowledge about design projects.
3. To utilize the skills and lead to first level employees in the Interior Design industry.
4. Implement the latest technology in their respective fields and learn about different furnishing materials available uses.
5. To create designers with innovative concepts and newer thinking in the present era.
6. To prepare students for professional careers, entrepreneurship, and higher education in the field of Interior Design.

Programme Outcome:

The completion of the course will result in the below mentioned benefits to the candidates procuring the respective degrees.

1. The candidate will be able to get employment and establish their own studios after the completion of the course.
2. Avenues in Research will be open for the candidates taking B.Sc Interior Design.

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3. To learn about how to render the given drawing digitally and the effective methods to manage the project.
4. Learn ethical practices to be followed in the profession of interior design.
5. To make students understand the importance, techniques of estimating and costing and valuation.
6. Learn to create different designs for the given furniture piece.

The Salient Features of the Four Year's Under Graduate Programs

a. It is a Choice Based Credit System under Semester Scheme.

b. The programs comprise of about 50% Discipline Specific Core Courses as Major subjects, 20% Discipline Specific Core Courses/ Multi-Discipline Specific Courses as Minor courses, and remaining 30% Ability Enhancement Courses, Skill Enhancement Courses along with Open Elective Courses.

c. The relative importance of Courses of the study is measured in terms of credits.

d. The program permits horizontal mobility in course selections and vertical growth in the core courses.

e. The students shall take part in value-based activities.

f. The declaration of result is based on Aggregate Percentage of marks obtained and Cumulative Grade Point Average (CGPA) earned.

g. The candidate has an option to exit after Two, Four and Six semesters of the program and shall be awarded Certificate, Diploma, and General Degree, respectively with a provision to reenter and complete the degree.

h. There is a provision to transfer the credits earned by the candidate during transfer from one institution to other.

i. The program permits the consideration of credits earned from SWAYAM and other platforms recognized by the University.

j. The Program has special provisions for independent learners to earn additional credits from inter / intra disciplinary subjects apart from mandatory credits.

Definitions: In this Ordinance, unless the context otherwise requires:

i. "University" means Swami Vivekanand Subharti University, Meerut

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ii. "College" means the constituent Higher Education Institutions of University.

iii. "Program" or "Program of study" means a higher education program pursued for a degree specified by the Commission under sub-section (3) of section 22 of the University Grants Commission Act, 1956 (3 of 1956).

iv. "Discipline" means faculty *viz.* Arts, Social Science, Science, Commerce, Management, etc.

v. "Course" means subject or paper having specified units which go to comprise a specified program of study. A course may be designed to comprise lectures/ tutorials/laboratory work/ field work/ project work/ vocational training / viva / seminars/ term papers / assignments / presentations/ self-study/internship etc. or a combination of some of these.

vi. "Credit" means the standard methodology of calculating teaching hours of the course per week in the semester system.

vii. "Candidate" means, a person seeking admission or appearing for examination to the Under Graduate Program.

viii. "Student" means a person admitted to, and pursuing, a specified credit-based course/program of study in a higher education institution.

ix. "BoS" means Board of Studies in the various courses.

1. TITLE AND COMMENCEMENT

a. This Ordinance shall be called "Ordinance Governing four-Year Undergraduate Programs as per NEP-2020" for the SVSU.

b. This Ordinance shall come into effect from the academic year: 2023-24.

2. SEMESTER SYSTEM, DURATION OF THE PROGRAMS, REQUIREMENTS AND OPTIONS:

3.1: All the under graduate degree programs shall have six or eight semesters duration unless specified otherwise.

3.2: Each academic year shall have two semesters; odd and even semesters.

3.3: Each semester shall have 20 weeks (05 days per week system) with 90 working days (excluding Sundays and other holidays).

3.4: The Program shall have multiple exit option at the end of TWO/FOUR/SIX semesters (ONE, TWO, or THREE academic years respectively) with the award of Certificate, Diploma and General Degree.

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In case if Program is of 8 semesters at the end of TWO/SIX/EIGHT semesters (ONE, THREE, or FORTH academic years respectively) with the award of Certificate, Diploma, and General Degree. However, in such cases exit after fourth semester will not be permitted.

3.5: The candidate availing exit option shall re-enter the program at the beginning of any academic year to complete the degree with the prevailing syllabi.

3.6: Candidates shall be awarded Bachelor's degree with Honors on successful completion of EIGHT semesters (FOUR academic years) in selected undergraduate programs.

GENERAL

1. This Ordinance may be called the **"Ordinance relating to Four Year Degree Programme (FYDP)"**

2. This Ordinance is applicable to UG programme as per Choice Based Credit System (CBCS) Semester Mode as per the "Guidelines for Multiple Entry and Exit in Academic Programme" issued by UGC, New Delhi under National Education Policy 2020.

3. **This ordinance shall be applicable for courses of studies (Programmes of Study) in the University for various Degree, Diplomas and Certificates under the Undergraduate Curriculum Framework (UGCF)-2022, based on the National Education Policy-2020 from the Academic Session 2024-25.**

4. **As per UGC provision given in "Curriculum and Credit Framework for Undergraduate Programmes" the students who have already enrolled and are pursuing UG programme as per Choice Based Credit System (CBCS) are eligible to pursue 4-year undergraduate programme and the university concerned may provide bridge courses (including online courses) to enable them for transition to 4-degreeUGprogramme.**

5. The provisions of this Ordinance shall be applicable on **Ordinance No. V-115(A)** Bachelor of Interior Design (B.Sc.-ID).

ELIGIBILTY CRITERIA FOR ADMISSION IN BACHELLOR DEGREE PROGRAMME

Admission rules and guidelines for admission to these programme shaves been framed by the University for Admission in its institutions. **Ordinance No. V-115(A) "Ordinance relating to approval of course and admission criteria"** of first academic Ordinances of SVSU University, Meerut can be referred to.

The student who has passed the Grade 12 Examination from Board of Secondary Education CBSC or an equivalent examination from any other

board recognized by the State Government determined in advance by the University/Constituent Institutions following the guidelines issued by the State Government/ Central Government/UGC and other statutory bodies concerned will be eligible for admission to these Undergraduate Programmes.

The admission shall be made on the merit calculated on the basis of criteria notified by the University/ Central Government/State Government, keeping in view the guidelines in this regard issued by the UGC and other statutory bodies concerned.

Student enrolment in a programme shall be restricted to the seats allotted by the University.

The intake capacity shall be determined in advance by the University under the provisions of this Ordinance applicable from the academic session 2023-24.

Depending upon the academic and physical facilities available, the University may earmark seats to a maximum of 10% of the seats sanctioned for the previous year of the programme for lateral entrants in the ***second year/third year/fourth*** **year** of a first-degree programme, if the student has successfully completed the first year/second year/third year of the same programme in any institution and wants to re-enter into the programme after a break in studies.

OUTLINE OF CHOICE BASED CREDIT SYSTEM

11. The four-year undergraduate programme shall comprise course under the following subjects/categories.

- Major Course (MJC)
- Minor Course (MIC)
- Multidisciplinary Course (MDC)
- Skill Enhancement Course (SEC)
- Value Added Course(VAC)
- Ability Enhancement Courses(AEC)
- Internship (INT)
- Research Project (RP)/Dissertation

12. The nature of these courses is as defined below:

Major Course (MJC): are designed to impart students the core concept, principals and processes and laboratory as well as instrumental skills in main branches. MJC's are a mandatory requirement for student's program of study who wish to pursue under graduate degree. MJC are appropriately graded and arranged across the semesters of the study.

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being undertaken by the student, with multiple entry and exit options as per UGC Curriculum.

Minor Course (MIC): The growth of specific subject in the past few decades have been tremendous and many new sub-disciplines have emerged. It is important that apart from the main branches of the subject, a study of these new branches is also included in the curriculum. The Minor Course (MIC) incorporates important emerging area sand a pool of cred it courses from their own faculty are included out of which a student will choose to study based on his/her interest from their own faculty.

Multidisciplinary Course (MDC): Multidisciplinary courses area pool of courses offered by various disciplines or interdisciplinary education to student. Student may opt for any three Multidisciplinary course out of a list of Multidisciplinary Papers Basket) offered by the parent.

Department or any other department/s as per his/her choice with permission of parent department. The list of multidisciplinary papers, syllabus and prerequisite of the multidisciplinary courses will be as decided by the Board of Studies of the concerned subject department/Academic Council.

12.4. **Skill Enhancement Course (SEC):**SEC are skill-based courses in all disciplines and are aimed at providing hands-on training, competencies, proficiency and skills to students. SEC courses may be chosen from a pool of courses designed to provide skill-based instructions.

12.5. Value Added Course (VAC): This is a pool of courses offered by all the departments in group of odd or even semesters out of which a student can choose VAC courses are the common pool of courses offered by different disciplines and aimed towards personality building, embedding ethical, cultural and constitutional values, promoting critical thinking, Indian Knowledge Systems, scientific perament, communication skills, creative writings, presentation skills, sports and physical education and teamwork which will help in all round developments of students.

12.6. Ability Enhancement Course (AEC): AEC courses are courses based on the content that leads to knowledge enhancement through various areas of study. They are language and literature, environmental science and sustainable development which are mandatory for all disciplines.

12.6. **Internship (INT):**

12.7. **Research Project (RP)/Dissertation:**

PROGRAMMEDURATIONANDEXITOPTIONS

13. Students shall undergo a program of study extending up to eight semesters spread over four academic years. The program of Study is as under:

Table-I Program Duration and Exit Options

SI No.	Name of the Award	Stage of Exit	Mandatory Credits to be secured for the award

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1	Undergraduate Certificate	After successful completion of Semester-II	Exit option to students with U.G. Certificate after completing I&II Semester earning full credits students will be a warded U.G. Certificate only if he/she takes one Vocational Course of 4 credits (during summer vacation). This course credit will not be included in SGPA &CGPA Calculation.
2	Undergraduate Diploma	After successful completion of Semester-IV	Exit option to students with U.G. Diploma after completing I, II,III&IVS semester earning full credits, if a student wants to exit he/she will be awarded U.G. Diploma only if he/she takes one Vocational Course of 4 credits(during summer vacation). This course credit will not be included in SGPA & CGPA Calculation.
3	Undergraduate Degree	After successful completion of Semester-VI	Exit Option: A student maybe awarded 3 years UG Degree in the Major and Minor discipline, provided he/she earns all credits of I, II,III,IV, V&VI Semester. **Award of Undergraduate Degree given after earning total credits -120**
4	Undergraduate Degree (Hons with Research)	After successful completion of Semester-VIII	A student will be awarded Degree in U.G. Honours Major and Minor if he/she earns all the credits of I, II, III, IV, V, VI, VI, VII & VIII Semester. Students who want U.G Degree Honours with Research Major he/she must obtain 7.5CGPA and above in the I to VI Semester. Such students can choose are search stream in the fourth year if they earned minimum of 80 credits in previous semesters. **Award of U.G. Degree (Honours with Research) is given after earning a total credits-160**

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SEMESTER-I

S.No.	Name of Course	Type of Course	Paper Code	L	T	P	Credits	Marks
1	Material Studies & Its Application-I	MIC-1	BSCID-101	3	-	-	3	100
2	Basics of Interior Design & Graphics	MJC-1	BSCID-111	-	-	6	3	100
3	Construction Technology-I	MDC-1	BSCID-112	-	-	6	3	100
4	Basics of Drafting Techniques	MJC-2	BSCID-113	-	-	6	3	100
5	English Communication Skill	AEC-1	AEC-1	2	-	-	2	100
6	Computer Application With AI-I	SEC-1	BSCID-114	-	-	6	3	100
7	3 D Design	VAC-1	BSCIDVAC-1	-	-	6	3	100
8	Indian Knowledge System	VAC-2	VAC-IKS	2	-	-	-	50
	Total Credits						**20**	**750**

SEMESTER-II

S.No.	Name of The Course	Type of Course	Paper Code	L	T	P	Credits	Marks
1	Material Studies & Its Application-II	MIC-3	BSCID-201	3	-	-	3	100
2	Design Studio-I	MJC-2	BSCID-211	-	-	12	6	100
3	Construction Technology-II	MDC-2	BSCID-212	-	-	6	3	100
4	Computer Application With AI-II	SEC-2	BSCID-213	-	-	6	3	100
5	Environment Science	AEC-2	AEC-2	2	-	-	2	100
6	Lifestyle and Accessory Design	VAC-3	BSCIDVAC-2	-				100
7	Rashtra Bodh	VAC-4	VAC-RB	2	-	-	-	50
	Total Credits							**650**

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SEMESTER-III

S.No.	Name of Course	Type of Course	Paper Code	L	T	P	Credits	Marks
1	Interior furnishing	MJC-3	BSCID-301	3	-	-	3	100
2	Design Studio-II	MJC-4	BSCID-311	-	-	8	4	100
3	Construction Technology-III	MJC-5	BSCID-312	-	-	6	3	100
4	Furniture Design-I	MIC-4	BSCID-313	-	-	8	4	100
5	Computer in Design-I (Auto-CAD)	SEC-3	BSCID-314	-	-	6	3	100
6	Model making & Market Survey	MDC-3	BSCID-315	-	-	6	3	100
7	Disaster Risk Management	AEC-3	AEC-3	2	-	-	2	100
	Total Credits						**22**	**700**

SEMESTER-IV

S.No.	Name of Course	Type of Course	Paper Code	L	T	P	Credits	Marks
1	History of Interior Design & furniture	MJC-6	BSCID-401	3	-	-	3	100
2	Interior Services	MJC-7	BSCID-402	3	-	-	3	100
3	Design Studio-III	MJC-8	BSCID-411	-	-	10	5	100
4	Building Services Design	MJC-9	BSCID-412	-	-	8	4	100
5	Computer in design-II (Photoshop)	MIC-5	BSCID-413	-	-	6	3	100
6	NCC/NSS/ SPORTS	AEC-4	AEC-4	-	-	2	2	100
	Total Credits						**20**	**600**

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SEMESTER-V

S.No.	Name of Course	Type of Course	Paper Code	L	T	P	Credits	Marks
1	Introduction to Art & Interior Design	MJC-10	BSCID-501	3	-	-	3	100
2	Interior Landscape Design	MJC-11	BSCID-502	3	-	-	3	100
3	Design Studio-IV	MJC-12	BSCID-511	-	-	12	6	100
4	Computer in Design-III (Google Sketch up)	MIC-6	BSCID-512	-	-	6	3	100
5	Furniture Design-II	MIC-7	BSCID-513	-	-	6	3	100
6	Internship-I	INT-1	BSCID-514	-	-	8	4	100
	Total Credits						**22**	**600**

SEMESTER-VI

S.No.	Name of Course	Type of Course	Paper Code	L	T	P	Credits	Marks
1	Project Management and Estimation	MJC-13	BSCID-601	4	-	-	4	**100**
2	Professional Practice	MIC-8	BSCID-602	4	-	-	4	**100**
3	Design Studio-V	MJC-14	BSCID-611	-	-	12	6	**100**
4	Furniture Design-III	MJC-15	BSCID-612	-	-	8	4	**100**
5	Seminar	MIC-9	BSCID-613	-	-	8	4	**100**
	Total Credits						**22**	**500**

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SEMESTER-VII

S.No.	Name of Course	Type of Course	Paper Code	L	T	P	Credits	Marks
1	Elements of Green Building	MJC-16	BSCID-701	3	-	-	3	100
2	Research Methodology	MIC-10	BSCID-702	3	-	-	3	100
3	Design Studio-VI	MJC-17	BSCID-711	-	-	8	4	100
4	Model Making	MJC-18	BSCID-712	-	-	8	4	100
5	Research project (PR)/ Dissertation -I	PR-1	BSCID-713	-	-	12	6	100
6	Internship-II	INT-2	BSCID-714	-	-	8	4	100
	Total Credits						**24**	**600**

SEMESTER-VIII

S.No.	Name of Course	Type of Course	Paper Code	L	T	P	Credits	Marks
1	Universal design	MIC-11	BSCID-801	3	-	-	3	100
2	Climatology	MIC-12	BSCID-802	3	-	-	3	100
3	Design Studio-VII	MJC-19	BSCID-811	-	-	8	4	100
4	3Dx Max	MJC-20	BSCID-812	-	-	8	4	100
5	Research project (PR)/ Dissertation -II	PR-2	BSCID-813	-	-	12	6	100
	Total Credits						**20**	**500**

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Ref. No.- DOD/NBSCFF/2025/ 481

Dated : 06-06-2026

Minutes of Meeting of Board of Studies held on 05/01/2026

Department of Fashion, Textile & Interior Design

A meeting of Board of Studies (BOS) was held in the department Fashion, Textile Design and Interior Design at Nandlal Bose Subharti College of Fine Arts and Fashion Design, Swami Vivekanand Subharti University Meerut, on June 06, 2026 at 10.00 am onwards. Each item was thoroughly discussed, rectified and decisions were taken for the academic session 2026-2027 (Odd Semester).

Members Present:

Dr. Neha Singh – Chairperson
Ms. Shradha Yadav – Member
Ms. Anisha Anand- Member
Dr. Rashika Kashyap- Member
Ms. Shailja Sindhay – Member
Ms. Monika Verma – Member
Ms. Abhilasha Garg – Member
Dr. Surabhi Das- Member
Ms. Devsuni- Member
Mr. Raghavendra Kumar Pathak- Member
Prof. (Dr.) Smita Bagai – Subject Expert
Mr. Aakash Sirohi – Industry Expert
Ms. Shabana Sharif – Alumni Member

Agenda 1: Approval of Minutes of the Last BOS Meeting (05-01-2026)

Resolution: Dr. Neha Singh suggested that the minutes of the previous BOS meeting held on 05-01-2026 were reviewed and approved unanimously.

Aenda 2: Action Taken Report (ATR) of the Previous BOS Meeting

Resolution: Dr. Neha Singh suggested that the Action Taken Report was reviewed and all actions were found satisfactory and duly noted for record and compliance.

Agenda 3: Allotment of Mentors for the Mentees of Session 2026–27

Resolution: Ms. Shradha Yadav suggested that the mentor allotment for the academic session 2026–27 be approved to ensure effective academic guidance and student support.

Agenda 4: Proposal and Approval of Academic Calendar for Session 2026–27

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Resolution: Dr. Neha Singh suggested that the Academic Calendar for the session 2026–27 was discussed and approved for implementation.

Agenda 5: Mentor–Mentee Strategies for Slow Learners and Advanced Learners

Resolution: Ms. Abhilasha Garg suggested that mentor–mentee strategies for slow learners and advanced learners be strengthened through remedial classes, mentoring sessions, and enrichment activities.

Agenda 6: Encouragement to Students for Enrollment in SWAYAM/MOOC Courses

Resolution: Prof. (Dr.) Smita Bagai suggested that students should be encouraged to enroll in SWAYAM/MOOC and equivalent online courses for academic enrichment and skill development.

Agenda 7: Analysis of Course Outcomes (COs) and Programme Outcomes (POs)

Resolution: Prof. (Dr.) Smita Bagai (Subject Expert) suggested that the COs and POs be reviewed periodically and necessary modifications be incorporated to strengthen outcome-based education.

Agenda 8: Review of Annual Stakeholder Feedback Analysis

Resolution: Ms. Shradha Yadav suggested that stakeholder feedback analysis was reviewed and the recommendations received from various stakeholders would be incorporated for continuous improvement.

Agenda 9: Organization of Guest Lectures, Workshops, Seminars, Webinars, Industrial Visits, Educational Trips, Exhibitions, and Fashion Events

Resolution: Mr. Aakash Sirohi suggested that industry-oriented activities and academic events be organized regularly to provide practical exposure and professional experience to students.

Agenda 10: Celebration of National Handloom Day through Academic Activities

Resolution: Dr. Surabhi Das suggested that various academic activities including exhibitions, demonstrations, and awareness programmes be organized to celebrate National Handloom Day.

Agenda 11: Review and Revision of Curriculum as per NEP Guidelines and Industry Requirements

Resolution: Prof. (Dr.) Smita Bagai suggested that necessary revisions in the UG and PG curricula be undertaken in accordance with NEP guidelines, industry requirements, and the recommendations of BOS members. She further recommended the inclusion of a subject on **Artificial Intelligence (AI)** in the curriculum of first-year UG students to provide foundational knowledge of emerging technologies and their applications in the fields of Fashion, Textile, and Interior Design.

The Board also recommended that the existing subject **"Intellectual Property Rights (IPR)"**, offered as a practical subject in the second semester of PG programmes, be revised and renamed as **"Constitutional, Human and Moral Values and Intellectual Property Rights (IPR)"** and its course classification be changed from **Practical to Theory**, considering the theoretical nature and academic content of the course.

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The proposed curriculum revisions were discussed and unanimously approved by the Board.

Agenda 12: To introduce Indian Knowledge Systems (IKS) and Rashtrabodh as qualifying subjects for first-year UG students in accordance with university guidelines and NEP 2020.

Resolution: Ms. Anisha Anand suggested that Indian Knowledge Systems (IKS) and Rashtrabodh be introduced as qualifying subjects for first-year undergraduate students in accordance with university guidelines and the provisions of NEP 2020. The members appreciated and unanimously approved the implementation of these courses

Agenda 13: Collaborative Activities under MoUs

Resolution: Mr. Aakash Sirohi suggested that interdisciplinary teaching, research collaborations, industry interactions, and joint activities under MoUs be strengthened.

Agenda 14: Conduct of Skill Enhancement and Value-Added Courses

Resolution: Ms. Shaulja Sindhay suggested that skill enhancement and value-added courses be conducted to improve students' employability and practical skills.

Agenda 15: Approval of Panel of Examiners for Odd Semester 2026–27

Resolution: Dr. Neha Singh suggested that the panel of examiners for the Odd Semester of session 2026–27 was reviewed and approved unanimously.

Agenda 16: Timetable Allotment and Workload Distribution

Resolution: suggested that the timetable allotment and workload distribution for UG and PG programmes be approved for smooth academic functioning.

Agenda 17: Conduct of SWOC Analysis

Resolution: Dr. Rashika Kashyap suggested that SWOC analysis of the department and stakeholders be conducted for quality enhancement and future academic planning.

Agenda 18: Encouragement of Research, Patents, Publications, and Consultancy Activities

Resolution: Ms. Devsuni suggested that faculty members should actively participate in research projects, patent filing, publications, book chapters, copyrights, and consultancy activities.

Agenda 19: Student Participation in Competitions, Exhibitions, Conferences, and Design Events

Resolution: Ms. Monika Verma suggested that students should be encouraged to participate in competitions, exhibitions, conferences, fashion events, and design activities at various levels.

Agenda 20: Any Other Item with the Permission of the Chair

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Resolution: Dr. Neha Singh suggested that faculty members should continue to encourage innovation, interdisciplinary learning, and student participation in academic and co-curricular activities.

The meeting concluded with a vote of thanks to the Chair.

Dr. Neha Singh

Chairperson
Head, Deptt. of Fashion, Textile & Interior Design

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2025-2026

SEMESTER-I

Sl No.	Name of Course	Type of Course	Paper Code	L	T	P	Credits	Marks
1	Material Studies & Its Application-I	MIC-1	BSCID-101	3	-	-	3	100
2	Basics of Interior Design & Graphics	MJC-1	BSCID-111	3	-	6	6	100
3	Construction Technology-I	MDC-1	BSCID-112	-	-	6	3	100
4	Basics of Drafting Techniques	SEC-1	BSCID-113	-	-	6	3	100
5	English Communication Skill	AEC-1	ACE-1	2	-	-	2	100
6	3 D Design	VAC-1	BSCIDVAC-I	-	-	6	3	100
	Total Credits						**20**	**600**

SEMESTER-II

Sl No.	Name of The Course	Type of Course	Paper Code	L	T	P	Credits	Marks
1	Material Studies & Its Application-II	MIC-2	BSCID-201	3	-	-	3	100
2	Design Studio-I	MJC-2	BSCID-211	-	-	12	6	100
3	Construction Technology-II	MDC-2	BSCID-212	-	-	6	3	100
4	Basics Computer Application	SEC-2	BSCID-213	-	-	6	3	100
5	Environment Science	AEC-2	AEC-2	2	-	-	2	100
6	Lifestyle and Accessory Design	VAC-2	BSCIDVAC-II	-	-	6	3	100
7	Rashtra Bodh	VAC-3	VAC-RB	2	-	-	-	50
	Total Credits						**20**	**650**

College of Fine Arts & Fashion Design (CFFD) Meerut
PRINCIPAL

2025-2026

SEMESTER-III

SI No.	Name of Course	Type of Course	Paper Code	L	T	P	Credits	Marks
1	Interior furnishing	MJC-3	BSCID-301	3	-	-	3	100
2	Design Studio-II	MJC-4	BSCID-311	-	-	8	4	100
3	Construction Technology-III	MJC-5	BSCID-312	-	-	6	3	100
4	Furniture Design-I	MIC-3	BSCID-313	-	-	8	4	100
5	Computer in Design-I (Auto-CAD)	SEC-3	BSCID-314	-	-	6	3	100
6	Model making & Market Survey	MDC-3	BSCID-315	-	-	6	3	100
7	Disaster Risk Management	AEC-3	AEC-3	2	-	-	2	100
8	Indian Knowledge System	VAC4	VAC-IKS	2	-	-	-	50
	Total Credits						**22**	**750**

SEMESTER-IV

SI No.	Name of Course	Type of Course	Paper Code	L	T	P	Credits	Marks
1	History of Interior Design & furniture	MJC-6	BSCID-401	3	-	-	3	100
2	Interior Services-I	MJC-7	BSCID-402	3	-	-	3	100
3	Design Studio-III	MJC-8	BSCID-411	-	-	10	5	100
4	Building Services Design	MJC-9	BSCID-412	-	-	8	4	100
5	Computer in design-II (Photoshop)	MIC-4	BSCID-413	-	-	6	3	100
6	NCC/NSS/ SPORTS	AEC-4	AEC-4	-	-	2	2	100
	Total Credits						**20**	**600**

Shaheed Kshudiram College of Fine Arts & Fashion Design (SCFFD) PRINCIPAL

2025-2026

SEMESTER-V

S.No.	Name of Course	Type of Course	Paper Code	L	T	P	Credits	Marks
1	Introduction to Art & Interior Design	MJC-10	BSCID-501	3	-	-	3	100
2	Interior Landscape Design	MJC-11	BSCID-502	3	-	-	3	100
3	Design Studio-IV	MJC-12	BSCID-511	-	-	12	6	100
4	Computer in Design-III (Google Sketch up)	MIC-6	BSCID-512	-	-	6	3	100
5	Furniture Design-II	MIC-7	BSCID-513	-	-	6	3	100
6	Internship-I	INT-1	BSCID-514	-	-	8	4	100
	Total Credits						**22**	**600**

SEMESTER-VI

S.No.	Name of Course	Type of Course	Paper Code	L	T	P	Credits	Marks
1	Project Management and Estimation	MJC-13	BSCID-601	4	-	-	4	**100**
2	Professional Practice	MIC-8	BSCID-602	4	-	-	4	**100**
3	Design Studio-V	MJC-14	BSCID-611	-	-	12	6	**100**
4	Furniture Design-III	MJC-15	BSCID-612	-	-	8	4	**100**
5	Seminar	MIC-9	BSCID-613	-	-	8	4	**100**
	Total Credits						**22**	**500**

Subhartí College of Fine Arts & Fashion Design (SCFAFD) PRINCIPAL

2025-2026

SEMESTER-VII

S.No.	Name of Course	Type of Course	Paper Code	L	T	P	Credits	Marks
1	Elements of Green Building	MJC-16	BSCID-701	3	-	-	3	100
2	Research Methodology	MIC-10	BSCID-702	3	-	-	3	100
3	Design Studio-VI	MJC-17	BSCID-711	-	-	8	4	100
4	Model Making	MJC-18	BSCID-712	-	-	8	4	100
5	Research project (PR)/ Dissertation -I	PR-1	BSCID-713	-	-	12	6	100
6	Internship-II	INT-2	BSCID-714	-	-	8	4	100
	Total Credits						**24**	**600**

SEMESTER-VIII

S.No.	Name of Course	Type of Course	Paper Code	L	T	P	Credits	Marks
1	Universal design	MIC-11	BSCID-801	3	-	-	3	100
2	Climatology	MIC-12	BSCID-802	3	-	-	3	100
3	Design Studio-VII	MJC-19	BSCID-811	-	-	8	4	100
4	3Dx Max	MJC-20	BSCID-812	-	-	8	4	100
5	Research project (PR)/ Dissertation -II	PR-2	BSCID-813	-	-	12	6	100
	Total Credits						**20**	**500**

College of Fine Arts & Fashion Design (SCFFD) PRINCIPAL

2024-2025

SEMESTER-I

SI No.	Name of Course	Type of Course	Paper Code	L	T	P	Credits	Marks
1	Material Studies & Its Application-I	MIC-1	BSCID-101	3	-	-	3	100
2	Basics of Interior Design & Graphics	MJC-1	BSCID-111	-	-	12	6	100
3	Construction Technology-I	MDC-1	BSCID-112	-	-	6	3	100
4	Basics of Drafting Techniques	SEC-1	BSCID-113	-	-	6	3	100
5	English Communication Skill	AEC-1	ACE-1	2	-	-	2	100
6	3 D Design	VAC-1	BSCID VAC-I	-	-	3	3	100
	Total Credits						**20**	**600**

SEMESTER-II

SI No.	Name of The Course	Type of Course	Paper Code	L	T	P	Credits	Marks
1	Material Studies & Its Application-II	MIC-2	BSCID-201	3	-	-	3	100
2	Design Studio-I	MJC-2	BSCID-211	-	-	12	6	100
3	Construction Technology-II	MDC-2	BSCID-212	-	-	6	3	100
4	Basics Computer Application	SEC-2	BSCID-213	-	-	6	3	100
5	Environment Science	AEC-2		2	-	-	2	100
6	Lifestyle and Accessory Design	VAC-2	BSCIDVAC-II	-	-	3	3	100
	Total Credits						**20**	**600**

Subharti College of Fine Arts & Fashion Design (SCFF) Meerut
PRINCIPAL

2024-2025

SEMESTER-III

SI No.	Name of Course	Type of Course	Paper Code	L	T	P	Credits	Marks
1	Interior furnishing	MJC-3	BSCID-301	3	-	-	3	100
2	Design Studio-II	MJC-4	BSCID-311	-	-	8	4	100
3	Construction Technology-III	MJC-5	BSCID-312	-	-	6	3	100
4	Furniture Design-I	MIC-3	BSCID-313	-	-	8	4	100
5	Computer in Design-I (Auto-CAD)	SEC-3	BSCID-314	-	-		3	
6	Disaster Risk Management	AEC-3		2	-	-	2	100
7	MOOC/Swayam	MDC-3		3	-	-	3	100
	Total Credits						**22**	**700**

SEMESTER-IV

SI No.	Name of Course	Type of Course	Paper Code	L	T	P	Credits	Marks
1	History of Interior Design & furniture	MJC-6	BSCID-401	3	-	-	3	100
2	Interior Services-I	MJC-7	BSCID-402	3	-	-	3	100
3	Design Studio-III	MJC-8	BSCID-411	-	-	10	5	100
4	Building Services Design	MJC-9	BSCID-412	-	-	8	4	100
5	Computer in design-II (Photoshop)	MIC-4	BSCID-414	-	-	6	3	100
6	NCC/NSS/ SPORTS	AEC-4				-	2	100
	Total Credits						**20**	**600**

College of Fine Arts & Fashion Design (SCFFD) Jaipur
PRINCIPAL

2024-2025

SEMESTER-V

SI No.	Name of Course	Type of Course	Paper Code	L	T	P	Credits	Marks
1	Introduction to Art & Interior Design	MJC-10	BSCID-501	3	-	-	3	100
2	Interior Landscape Design	MJC-11	BSCID-502	3	-	-	3	100
3	Design Studio-IV	MJC-12	BSCID-511	-	-	12	6	100
4	Computer in Design-III (Google Sketch up)	MIC-5	BSCID-512	-	-	6	3	100
5	Furniture Design-II	MIC-6	BSCID-513	-	-	6	3	100
6	Indian Knowledge System	VAC-IKS	VAC-IKS	2	-	-	-	50
7	Internship-I	INT-1	BSCID-514	-	-	3	4	100
Total Credits							**22**	**650**

SEMESTER-VI

SI No.	Name of Course	Type of Course	Paper Code	L	T	P	Credits	Marks
1	Estimation and Project Management	MJC-13	BSCID-601	4	-	-	4	**100**
2	Professional Practice	MIC-7	BSCID-602	4	-	-	4	**100**
3	Design Studio-V	MJC-14	BSCID-611	-	-	12	6	**100**
4	Furniture Design-III	MJC-15	BSCID-612	-	-	8	4	**100**
5	Seminar	MIC-7	BSCID-613	-	-	8	4	**100**
6	Rashtra Bodh	VAC-RB	VAC-RB	2	-	-	-	50
Total Credits							**22**	**550**

PRINCIPAL

2024-2025

SEMESTER-VII

S.No.	Name of Course	Type of Course	Paper Code	L	T	P	Credits	Marks
1	Elements of Green Building	MJC-16	BSCID-701	3	-	-	3	100
2	Research Methodology	MIC-10	BSCID-702	3	-	-	3	100
3	Design Studio-VI	MJC-17	BSCID-711	-	-	8	4	100
4	Model Making	MJC-18	BSCID-712	-	-	8	4	100
5	Research project (PR)/ Dissertation -I	PR-1	BSCID-713	-	-	12	6	100
6	Internship-II	INT-2	BSCID-714	-	-	8	4	100
	Total Credits						**24**	**600**

SEMESTER-VIII

S.No.	Name of Course	Type of Course	Paper Code	L	T	P	Credits	Marks
1	Universal design	MIC-11	BSCID-801	3	-	-	3	100
2	Climatology	MIC-12	BSCID-802	3	-	-	3	100
3	Design Studio-VII	MJC-19	BSCID-811	-	-	8	4	100
4	3Dx Max	MJC-20	BSCID-812	-	-	8	4	100
5	Research project (PR)/ Dissertation -II	PR-2	BSCID-813	-	-	12	6	100
	Total Credits						**20**	**500**

Subharti College of Fine Arts & Fashion Design (SCAFT) Meerut PRINCIPAL

Note-1: Break-Up of Credits

Theory 1Credit=15 hours,
Practical 1 Credit= 30 hours,
Experiential learning including relevant experience and professionallevelsacquired1 Credit= 40-45 hours.

Subjects/Courses having 4, 5, or 6 credits may be divided into theory and practical components, wherever required, with the following credit distribution and L-T-P pattern:

A. For a 6-Credit Course/Subject:

- Theory: L-T-P: 4-1-0, 4 Credits, 100 Marks (30+70)
- Practical: L-T-P: 0-0-4, 2 Credits, 100 Marks (30+70)

B. For a 5-Credit Course/Subject:

- Theory: L-T-P: 3-1-0, 3 Credits, 100 Marks (30+70)
- Practical: L-T-P: 0-0-4, 2 Credits, 100 Marks (30+70)

C. For a 4-Credit Course/Subject:

- Theory: L-T-P: 3-1-0, 3 Credits, 100 Marks (30+70)
- Practical: L-T-P: 0-0-2, 1 Credit, 100 Marks (30+70)

Note-2: SWAYAM/MOOC Courses

Every student shall enroll in at least one SWAYAM/MOOC course during the programme. The successful completion of the course shall be reflected in the student's Academic Bank of Credits (ABC) account. Credit transfer of SWAYAM/MOOC courses shall not be mandatory and may be availed by the student as per the applicable College/University guidelines.

Note-3: Indian Knowledge System (IKS) and Rashtrabodh

The courses on Indian Knowledge System (IKS) and Rashtrabodh shall be offered during the first year of the programme as qualifying courses. These courses shall be mandatory for all students; however, the grades/marks obtained in these courses shall not be included in the calculation of the Semester Grade Point Average (SGPA) or the Cumulative Grade Point Average (CGPA). Students must secure the minimum passing marks as prescribed by the University to qualify these courses.

PRINCIPAL

C. For a 4-Credit Course/Subject:

- Theory: L-T-P: 3-1-0, 3 Credits, 100 Marks (30+70)
- Practical: L-T-P: 0-0-2, 1 Credit, 100 Marks (30+70)

Note-2: SWAYAM/MOOC Courses

Every student shall enroll in at least one SWAYAM/MOOC course during the programme. The successful completion of the course shall be reflected in the student's Academic Bank of Credits (ABC) account. Credit transfer of SWAYAM/MOOC courses shall not be mandatory and may be availed by the student as per the applicable College/University guidelines.

Note-3: Indian Knowledge System (IKS) and Rashtrabodh

The courses on Indian Knowledge System (IKS) and Rashtrabodh shall be offered during the first year of the programme as qualifying courses. These courses shall be mandatory for all students; however, the grades/marks obtained in these courses shall not be included in the calculation of the Semester Grade Point Average (SGPA) or the Cumulative Grade Point Average (CGPA). Students must secure the minimum passing marks as prescribed by the University to qualify these courses.

Note-4: Revision of Syllabus

The syllabus of the programme may be revised from time to time by the Board of Studies based on the requirements and recommendations of various stakeholders

The summary table of credit allocation for 4yearU.GProgramme:

Type of the Course	Name of Course	Credit
MJC	Major Course	82
MIC	Minor Course	36
MDC	Multidisciplinary Course	09
AEC	Ability Enhancement Course	08
SEC	Skill Enhancement Course	09
VAC	Value Added Course	06
INT	Internship	08
RP	Research Project Dissertation	12
Total		170

Chapter-6

EVALUATION

14. Any student admitted to Undergraduate Programme and registered in the University shall be eligible to appear in the University Examination for each semester only after securing 75 % attendance both in theory and practical classes separately and also passed in all CIA.

15.1. The University Examination of each course in all semesters shall have two components:

15.2. Continuous Internal Assessment (CIA) of MJC, *MIC*, MDC, AEC & SEC containing 30 marks.

15.3. End Semester Examination (ESE) of MJC, MIC, MDC, AEC&SECcontaining70marks.

15.4. Component of CIA for theory course:

One Mid Semester written test (Ix15)	=15Marks
Project/Seminar/Quiz/Presentation/Assignment	=10Marks \
Attendance & Conduct	=05Marks
Total	=30Marks

15.5. Component of CIA for practical course:

One Mid Semester written test (Ix15)	=15Marks
Project/Seminar/Quiz/Presentation/Assignment	=10 Marks
Attendance & Conduct	=05Marks
Total	=30Marks

Subharti College of Fine Arts & Fashion Design (SCFAFD) * Meerut * PRINCIPAL

PASSING OF EXAMINATION AND PROMOTION RULES

18. There shall be no supplementary examination in any of the courses/papers in any semester.

19. The candidates who have been admitted to the First Semester of a four-year Undergraduate programme in a session can be placed in the following categories based on their attendance iri the semester and performance in CIA:

19.1 Those who have cleared the CIA and attended the required minimum percentage (75%) of attendance shall appear in ESE.

19.2. Those who have not attended the required minimum percentage (75%) of attendance and not cleared the CIA shall in no case be permitted to appear in the ESE.

20. After appearing in end semester examination, the candidates can be placed in the following categories in the context of the declaration of end semester examination results.

20.1 A candidate may be promoted to next semester based on the following criteria as given in Table-2.

20.2. To be declared pass in end semester examination: a candidates must secure at least a "P" grade as mentioned in Table-3in each course /paper including CIA &ESE.

Table-2
Promotion Criteria

SI. No.	Semester	Condition to be fulfilled for promotion
1	From Semester-!1to Semester-II	Attended all courses in Semester-I as a regular student and **"SENT UP**"**for the Semester-I Examination
2	From Semester-II to Semester-III	Attended all courses in Semester-I & Semester-II as a regular student and **"SENT UP**"**for the Semester-II Examination. The candidatemustearn28 credits in Semester-I and II taken together in MJC, MIC, MDC, AEC &VAC
3	From Semester-III to Semester-IV	Attended all courses in Semester-III as a regular student and **"SENTUP**"**for the Semester-III Examination.
4	From Semester-IV to Semester-V	Attended all courses in Semester-I &Semester-II as a regular student and **"SENTUP**"**for the Semester-II Examination. The candidate must earn total credits of Semester-I &II and also at least68creditsof Semester- I, II, III and IV taken together in MJC, MIC, MDC, AEC &VAC
5	From Semester-V to Semester-VI	Attended all courses in Semester-Y as a regular student and **"SENTUP**"**for the Semester-Y Examination.
6	From Semester-VI to Semester-VII	Attended all courses in Semester-VI as a regular student and **"SENTUP**"**for the Semester-YI Examination. The candidate must earn total credits of Semester-III I&IV and alsoatleastI08creditstaken together in MJC, MIC, MDC, AEC, VAC and Internship {INT)
7	From Semester-VII to Semester-VIII	Attended all courses in Semester-VII as a regular student and **"SENTUP**"**for the Semester-VII Examination.

Utkal College of Fine Arts & Design PRINCIPAL

Explanation Notes on "SET UP":The sent up for End Semester Examination here refers to those candidates who have a minimum 75%attendance in each course/paper separately.**

21. Candidates shall have to clear their backlog courses/papers in the subsequent end semester examination of that semester whenever it is available.

22. The final result will be published only after he/ she has clear all160 credits and three more-year scan be given to clear all 160credits.

23. Since it is a continuous evaluation programme, a student shall be awarded Semester Grade Points(SGPA) at the end of first semester examination, and in subsequent semesters till the fifth semester, and finally, in sixth Semester the result wiII be awarded based on CGPA.No grade points will be awarded if there is a backlog present.

24. The promoted candidate will not be awarded any SGPA/CGPA till he or she clears aft. the backlogs.

25. The promoted candidate he or she fails in ESE, he or she shall retain his/her CIA Score and will reappear in the ESE only of the semester whenever a available.

26. Students undertaking any UG Course from SWAYAM/ MOOC as SEC or MDC shall be eligible for credit transfer if he/she gets a certificate for successful completion from SWAYAM/MOOC.

27. The candidates must clear the programme within of seven years, the Academic Council my give one additional year of relaxation in case of exceptional circumstances.

28. **Note:** Special Provision: Cases of serious health problems and others trictlyuna void able circumstances, relaxation in required attendance might be condoned up to a maximum of 15%.

Chapter-8

GRADINGSYSTEMANDDECLARATIONOFRESULT

29. The grading system stated below shall be used at the time of preparation of the result of the candidates who appeared in the examinations.

Table-3

Letter Grade	Grade Points	Description	Range of Marks (%)
0	10	Outstanding	>90-100
A+	9	Excellent	>80-<90
A	8	Very Good	>70-<80
B+	7	Good	>60-<70
B	6	Above Average	>55-<60
C	5	Average	>50-<55
P	4	Pass	>45-<50
F	0	Fail	<45
Ab	0	Absent	

Shahaji College of Fine Arts & Commerce PRINCIPAL Miraj

30. The Teacher and Examination Department shall use the following grading system: Result in the form of grade points consequent upon evaluation will be awarded in the following two manners.

30.1 At the end of each semester which will be titled as Semester Grade Point Average SGPA.

30.2. At the end of the programme, which will be titled Cumulative Grade Point Average CGPA? The explanation for publishing results in the form of grade points is given in Table-4

Table-4: Illustration-SGPAANDCGPACALCULATIONS

Course	Credit **Mi**	Grade Letter	Grade Point Oi	Credit Points [Credit **(Mi)x** Grade Point (Oi)]	SGPA [Credit Points/Credit]
SEMESTER-I					
MJC-1	06	A	8	48	6.75 [135/20)
MIC-1	03	B+	7	21	
MDC-I	03	B+	7	21	
AEC-I/MIL	02	B	6	12	
SEC-1	03	**B**	6	18	
YAC-1	03	C	5	15	
TOTAL	20			135	
SEMESTER-II					
MJC-2	06	A	8	48	6.75 [135/20]
MIC-2	03	B+	7	21	
MDC-2	03	**B+**	7	21	
AEC-3/EYS	02	**B**	6	12	
SEC-2	03	B	6	18	
YAC-2	03	C	5	15	
TOTAL	20			135	

Sushantha College of Fine Arts & Fashion PRINCIPAL Meerut

SEMESTER-III

MJC-3	05	A	8	40	7.2 [144/20]
MJC-4	04	A	8	32	
MIC-3	03	B+	7	21	
MDC-3	03	B+	7	21	
AEC-3	02	B	6	12	
SEC-3	03	B	6	18	
TOTAL	20			144	

SEMESTER-IV

MJC-5	05	A	8	40	7.4 [148/20]
MJC-6	05	A	8	40	
MJC-7	05	B+	7	35	
MIC-4	03	B+	7	21	
AEC-4/NCC	02	B	6	12	
TOTAL	20			148	

SEMESTER-V

MJC-8	05	A	8	40	6.9 [138/20]
MJC-9	05	B+	7	35	
MIC-5	03	B+	7	21	
MIC-6	03	B	6	18	
fNT	04	B	6	24	
TOTAL	20			138	

SEMESTER-VI

MJC-10	04	A	8	32	7.2 [144/20]
MJC-11	05	8+	7	35	
MJC-12	05	8+	7	35	
MIC-7	03	8	6	18	
MIC-8	03	A	8	24	
TOTAL	20			144	

Sundarban College of Fine Arts & Fashion
PRINCIPAL
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MJC-13	05	A	8	40	7.25 [145/20]
MJC-14	05	B+	7	35	
MJC-15	06	B+	7	42	
MIC-9	04	B+	7	28	
TOTAL	20			145	

MJC-16	04	A	8	32	8.4 [168/20]
MIC-10	04	8+	7	28	
Research Project /Dissertation	12	A+	9	108	
TOTAL	20			168	

CGPACALCULATIONS

SEMESTER-I	SEMESTER-II	SEMESTER-III	SEMESTER-IV	SEMESTER-V	SEMESTER-VI	SEMESTER-VII	SEMESTER-VIII
Credit:20 SGPA:6.75	Credit:20 SGPA:6.75	Credit:20 SGPA:7.2	Credit:20 SGPA:7.4	Credit:20 SGPA:6.9	Credit:20 SGPA:7.2	Credit:20 SGPA:7.25	Credit:20 SGPA:8.4
CGPA --	((20 x6.75)+(20x6.75)+(20x7.2)+(20x7.4)+ (20 x6.9)+(20 x7.2) +(20x7.25)+(20x8.4)] =~~135~~+135+144+148+138+144+145+168 =1157/160=7.2312						

31. The award sheet of the student will show the grades obtained in all courses/ papers offered in each semester, the SGPA/CGPA and the promotion status.

32. If **a candidate got the CGPA less than4.5but earned required credits and pass in all papers/ courses then 0.5willbeadded in actual CGPA obtained but total CGPA should not exceed 4.5**

33. If a student fails in any semester a grace marks of maximum05 in split manner maybe provided to make clear the subjects/Course in which the student is fail.

35. The following formula shall be used to find percentage equivalent to CGPA
%OFMARKS=(CGPA)x10

Sahyadri College of Fine Arts & Fashion Technology PRINCIPAL

NOTE-1:The credits will be awarded by the University. The credit can be calculated as follows:

- One hour of theory or one hour of tutorial or two hours of laboratory work per week for 15 weeks resulting in the award of **one credit.**

- Credits for internship shall be ***one credit per week*** of training, subject to a ***maximum of six credits in a semester.***

NOTE-2: A student will be allowed to enter/re enter only at the odd semester and **can only exit after even** semester. **Re entry at** various **levels as lateral** entrants **in academic** programmes should **be** based on the earned credits and **proficiency test** record.

NOTE-3:The validity of credits earned will be to a maximum period **of** seven years **(as per** UGC guidelines for multiple entry **and exit** in **academic programmesor as specified by U G C** in **later stage).**

SWAMI VIVEKANAND SUBHARTI UNIVERSITY
UGC Approved
Meerut

ACCREDITED WITH GRADE A NAAC

SYLLABUS

BACHELOR OF SCIENCE (INTERIOR DESIGN)

FOUR– YEAR DEGREE PROGRAMME

AS PER NEP-2020

ORDINANCE V-115(B)

Swami Vivekanand
SUBHARTI UNIVERSITY
Meerut

Effective from Session 2024-2025

PRINCIPAL

CERTIFICATE IN INTERIOR DESIGN

Program Outcomes (POs)

- Students will get elementary knowledge of Interior Design.
- Students will acquire knowledge of Basics computer.
- Students will get elementary knowledge of Building materials and Construction.

Program Specific Outcomes (PSOs)

At the end of program following outcomes are expected from students:

- Students get introduced to Interior Design Industry and gets finishing and polishing required for the industry.
- Develop good communication skills and confidence.
- May achieve capabilities to start earning by enhancing their skills in the field of Interior and Construction.

SEMESTER-I

S.No.	Name of Course	Type of Course	Paper Code	L	T	P	Credits	Marks
1	Material Studies & Its Application-I	MIC-1	BSCID-101	3	-	-	3	100
2	Basics of Interior Design & Graphics	MJC-1	BSCID-111	-	-	6	3	100
3	Construction Technology-I	MDC-1	BSCID-112	-	-	6	3	100
4	Basics of Drafting Techniques	MIC-2	BSCID-113	-	-	6	3	100
5	Computer Application With AI-I	SEC-1	BSCID-114			6	3	100
6	English Communication Skill	AEC-1	ACE-1	2	-	-	2	100
7	3 D Design	VAC-1	BSCIDVAC-1	-	-	6	3	100
8	Indian Knowledge System	VAC-2	VAC-IKS	2	-	-	-	50
	Total Credits						**20**	**750**

SEMESTER-II

S.No.	Name of The Course	Type of Course	Paper Code	L	T	P	Credits	Marks
1	Material Studies & Its Application-II	MIC-3	BSCID-201	3	-	-	3	100
2	Design Studio-I	MJC-2	BSCID-211	-	-	12	6	100
3	Construction Technology-II	MDC-2	BSCID-212	-	-	6	3	100
4	Computer Application With AI-II	SEC-2	BSCID-213	-	-	6	3	100
5	Environment Science	AEC-2	AEC-2	2	-	-	2	100
6	Lifestyle and Accessory Design	VAC-3	BSCIDVAC-2	-	-	6	3	100
7	Rashtra Bodh	VAC-4	VAC-RB	2	-	-	-	50
	Total Credits						**20**	**650**

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SEMESTER I

1. MATERIAL STUDIES & ITS APPLICATION-I (THEORY)

Programme/Class: Certificate in Interior Design	Year: First	Semester: I[st]
INTERIOR DESIGN		
Course Code: BSCID-101	Course Title: Material Studies & its Application-I (Theory)	

Course outcomes:

- Learn how it can be used in different proportions & be used as a material in construction.
- To understand advance building material in the context of various construction methods.
- Understand the materials like Brick, rocks, stone, trees and timber in the context of Interior Design
- Gaining knowledge of all materials, their applications in various spaces in interiors and being updated with current market trends.
- Analyse building materials, its components, uses and techniques for construction.

Credits:3	Core Compulsory
Max. Marks: 100	Min. Passing marks: 40

Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 35-9-1=45

Unit	Topics	No. of Lectures Total=45
I	**Lime, Sand, cement** • Introduction to unit • Different types. Application • Manufacturing, mix ratios • Precautions in handling, Storage, uses.	12+3+0=15
II	**Concrete, Mortar** • Introduction to unit • To understand types, application • Manufacturing, Mix ratios • precautions in handling, Storage, uses.	8+2+0=10
III	**Plaster** • Introduction to unit • To study manufacturing • Types, application.	4+1+0=5
IV	**Brick** • Introduction to unit, • Composition, manufacturing, • Types, Application • Shapes, Classification (I, II, III class & burnt brick) • Characteristic of good brick	4+1+1=6
V	**Stone** • Introduction to Unit, • Uses, Classification, • Specification of marble, granite, sandstone, • dressing of stone, types, properties, • classification & uses	4+1+0=5
VI	**Fabric** • Introduction to unit, • Types (natural & Artificial), properties & it uses.	3+1+0=4

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Suggested Readings:

Sr. No.	Book	Author	Edition	Publication
1.	Engineering Materials	S.C. Rangwala	28th	Charatar Publishing house
2.	Building Materials	P.C. Uarghese	7th	Ashoke K. Ghosh
3	K.P. Erigineering Materials used in India.	Chowdary	7th	Oxford and IBH. New Delhi.1990

Suggested Digital Platform:
https://www.cphbooks.in/product/engineering-materials-by-rangwala/
https://www.scribd.com/document/501253504/Building-Material-by-P-C-Verghese
https://www.aicte-india.org/sites/default/files/bvoc/B.Voc%20interior%20design.pdf

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:
Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior Design.

2. BASICS OF INTERIOR DESIGN & GRAPHICS (PRACTICAL)

Programme/Class: Certificate in Interior Design	Year: First	Semester: 1st
INTERIOR DESIGN		
Course Code: BSC-ID-111	Course Title: Basics of Interior Design & Graphics (Practical)	

Course outcomes:
The student at the completion of the course will be able to:

- Understand the elements & principles of design and also be able to differentiate between them.
- Create something which is aesthetically pleasing and optimizes the user experience. These principles will help the student to improve their design journey.
- Understand the importance of a good & balanced composition. Their understanding of the other courses will be put in together in the best possible way to see the whole composition.
- Develop a better understanding towards RGB, CMYK, colour wheel, etc.
- Understand the importance of colour in their life, culture, nature and our surroundings.
- Develop the ability to create effective 2D compositions using geometrical shapes, forms, and freehand doodling while applying basic design principles.
- To understand anthropometric measurements and ergonomic principles for designing functional, comfortable, and user-friendly interior spaces and furniture.

Credits: 3 (6)	Core Compulsory
Max. Marks: 100	Min. Passing marks:40

Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P =45

Unit	Topics	No. of Lectures = 45
I	**Basics of Interior Design & Graphics** • Introduction to Interior Design and Graphic Representation • Types of Lines, Line Quality, Meaning, Psychology, and Application in Interior Drawing • Elements and Principles of Interior Design • Basic Freehand Sketching Techniques and Visual Communication • Lettering, Symbols, and Graphic Presentation Methods used in Interior Design	4+0+ 4=8

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II	**Rending Techniques & Plants Sketching** • Different techniques used in architectural drawings. • Different structure of trees.	0+0+6=6
III	**Composition- 2D** ❖ Introduction of unit ❖ Understanding shapes and forms, basic geometry in shapes. ❖ 2D composition of geometrical shapes, free hand doodling and composition.	0+0+6=6
IV	**Elements & Principles of Design** • Introduction of unit • Elements of Design- Dot, Line, Shape, Form, Texture, Light, Depth, Pattern etc. Hands on exercise for understanding elements of design. • Principles of design –Contrast, Harmony, Rhythm, Balance, Unity, Proportion, Scale etc. Hands on exercise for understanding principles of design	6+0+4=10
V	**Colour Theory** • Colour theory, • Tints, Shades and Tones, Colour Schemes, Its use and application in Interior. • Colour psychology, symbolism, expression-colour basics- (physics of light, pigments etc.)	6+0+4=10
VI	**Anthropometrics And Ergonomics** • To know about how individual measurements affect the design of work environment. • Definition, theory of standard dimension based on human figures for activities, functions, circulation, furniture design, spatial requirements etc. • Study of Ergonomics.	5+0+0=5

Project:-Mural Designing, Collage Making, Making of illusions.

Suggested Readings:

Sr. No.	Book	Author	Edition	Publication
1.	FORM, SPACE, AND ORDER	Francis D.K. Ching		
2.	Design Process in Architecture: From Concept to Completion	Geoffrey Makstutis	2018	Laurence King Publishing
3.	Rendering with pen & ink	Robert W. Gill,	1984	Thames & Hudson Publishing
4.	Evocative Style	Kelly Wearster	2019	Rizzoli

Suggested Digital Platform:

https://kraftivo.in/interior-design-guide/

https://www.declad.com/the-thinking-hand-existential-and-embodied-wisdom-in-architecture-by-juhani-pallasmaa

https://in.pinterest.com/erinloechner/interior-design-ideas/

https://www.decorilla.com/design-consultation/signup?from=blog-interior-design-websites-banner-side

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:
Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior designs.

3. CONSTRUCTION TECHNOLOGY-I (PRACTICAL)

Programme/Class: Certificate in Interior Design	Year: First	Semester: 1st
INTERIOR DESIGN		

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Course Code: BSCID-112 | **Course Title: Construction Technology-I (Practical)**

Course outcomes:

- Learn the use of technical terminology of interiors & architecture. Learn to graphically present the same.
- Learn to graphically represent the construction materials
- Understand the construction of Brick Masonry, types of brick masonries.
- Understand the construction types of Stone Masonry & brick masonries.
- Understand the construction of Foundation & Superstructure, types of foundations and the details about the entire one wall of a building.
- Learn about the different parts of a building making it whole.

Credits: 3 (6)	**Core Compulsory**
Max. Marks: 100	**Min. Passing marks: 40**

Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 10-4-31=45

Unit	Topics	No. of Lectures Total=45
I	**Building Terminology** • Introduction to unit • To understand the definitions & application of various elements of building & to represent them graphically	2+1+0=3
II	**Representation of Building Construction Materials** • Introduction to unit • To represent construction materials graphically in plans, elevations, sections & storage, uses.	1+0+2=3
III	**Brick Masonry** • Introduction to unit, • Different types of bricks/bats. • To study & understand different wall formation (Header, Stretcher, English & Flemish bonds) • To learn to represent the same through drawing/drafting	2+1+8=11
IV	**Stone Masonry** • Introduction to unit, • To study different wall formation using stones (Ashlar, Rubble, and Retaining Walls) • Understanding Dressing of stones, Advantages, Disadvantages of Brick & Stone Construction. • To learn to represent the same through drawing/drafting	2+1+8=11
V	**Foundation** • Introduction to unit, • to study & understand different types of foundations. • To study shallow foundation & it's types • To compute the foundation drawing for the given space.	2+1+8=11
VI	**Section Through the Wall of the Building** • Introduction to unit, • To study & represent the various parts of the wall section in a drawing.	1+0+5=6

Suggested Readings:

Sr. No.	Book	Author	Edition	Publication
1.	Building construction	B.C.Punmia	10th	Laxmi publication
2.	Building construction	S.C.Rangwala	29th	Charatar publication
3.	A Text Book of Building Construction	S.P.Arora, S.P.Bindra	5th	Dhanpat Rai publication

Suggested Digital Platform:

https://www.bookswagon.com/book/building-construction-bc-punmia-ashok/9788131804285

https://www.cphbooks.in/product/engineering-materials-by-rangwala

https://dhanpatrai.com/Catalogue.pdf

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This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.
Suggested Continuous Evaluation Methods: Class Performance/Practical Exam/Submission/Viva/Attendance
Course pre requisites: The eligibility for this paper is 10+2 with any subject
At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior Design.

4. BASICS OF DRAFTING TECHNIQUES (PRACTICAL)

Programme/ Class: Certificate in Interior Design	Year: First	Semester: 1st
INTERIOR DESIGN		
Course Code: BSCID-113	Course Title: Basics of Drafting Techniques (Practical)	

Course outcomes:

- To familiarize the students with basic knowledge of orthographic projections of simple geometrical forms to be able to represent basic ideas through 2D & 3D designs. Also, to understand and learn basic techniques of drafting and lettering.
- To develop an understanding of solids & planes and their projections. It also includes the sections of prism, pyramid, cylinder & cone, and intersections of the same.
- To develop the surface of simple objects and with reference of the model of the previous exercise, the development of surface of the model finalized.
- To analyze the scenography of simple objects or study models at different times of the day.
- To create one point and two-point perspective of simple objects or study models.
- To understand the graphical presentation and rendering of the simple objects, symbols and model.

Credits: 3 (6)	Core Compulsory
Max. Marks: 100	Min. Passing marks: 40

Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 14-7-24=45

Unit	Topics	No. of Lectures Total=45
I	**Use of Instruments:** List of instruments. To impart the basic skills to working with instruments To teach the fundamentals of instrument operation. • Lines, Types of lines, Basic introduction of lines, Construction of lines, how to divide a line, Curves, Introduction of curve, to find center of an arch, Construction of ogee curve or reverse, curve, Objects, Basic introduction, Types of objects. • Application of free hand drawings, lines, curves and arches.	4+1+6=11
II	**Lettering** • Ratio between height and width of letters and numerals, capitals, and small letters (7:4 and 5:40). • Roman lettering, Gothic and Italics. • Free hand lettering, Single line lettering, Broad pen lettering, Stylized lettering, Spacing, Lettering with the help of Stencils.	3+1+3=7
III	**Use of Scales:** Use of different types of scales in drawing. • Scale (Reducing Scale, Full scale & Enlarging scale) • Representative fraction. • Use of MKS & FPS measuring scale.	3+1+3=7
IV	**Orthographic Projections:** Projection of solids- Cube, Cuboid, (plan and elevation)Cone, square, pyramid, hexagonal pyramid, square prism, triangular prism, hexagonal prism & composition.	2+2+6=10
V	**Isometric views & Axonometric views of solids-** Cube, Cuboid, (plan and elevation) Cone, square, pyramid, hexagonal pyramid, square prism, triangular prism, hexagonal prism & composition.Make drawings of a room in 3 Dimension Isometric views.	2+2+6=10

Suggested Readings:

Sr. No.	Book	Author	Edition	Publication
1.	Engineering Drawing	P.S. Gill	2006	S.K. Kataria& Sons, New Delhi
2.	Architectural Graphics	Francis D.K. Ching	2002	Thames & Hudson Publishing
3.	Engineering material	N.D.Bhatt, V.M. Panchal	50th	Chartar Publishing House

Suggested Digital Platform:

https://www.bookswagon.com/book/building-construction-bc-punmia-ashok/9788131804285

https://www.cphbooks.in/product/engineering-materials-by-rangwala/

https://dhanpatrai.com/Catalogue.pdf

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:
Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior Design.

5. COMPUTER APPLICATION AND AI-I

Programme/Class: Certificate in Interior Design	Year: First	emester: First
INTERIOR DESIGN		
Course Code: BSCID-114	Course Title: Computer Application and Artificial Intelligence (AI) (Pr.)	

Course outcomes:

The Student at the completion of the course will be able to:

- Understand the fundamentals of computers and digital technologies.
- Develop practical skills in MS Office and digital documentation.
- Use internet and communication technologies effectively for academic and professional purposes.
- Gain introductory knowledge of Artificial Intelligence and AI-based creative tools.
- Understand ethical and responsible use of AI in creative industries.

Credits: 3 (6)	SEC-1
Max. Marks: 100	Min. Passing marks:

otal No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 0-0-0=45

Unit	Topics	No. of Lectures
1	**Computer Fundamentals and Digital Technology**: Introduction to computers, anatomy of computer system, hardware and software, Input and Output devices, storage devices, CPU, memory, Operating System, file management, cyber security, digital ethics and introduction to emerging technologies.	5
2	**Computer Software and Artificial Intelligence Fundamentals**: Types of software, system and application software, Introduction to AI, Generative AI, AI tools and applications, AI ethics and limitations, AI in creative industries, introduction to digital creativity tools.	10
3	**MS Office and Creative Documentation**: MS Word – creating documents, editing, formatting, tables, templates, report writing, resume and portfolio making; AI-assisted writing and editing tools; digital documentation for arts and design practices.	10
4	**MS Excel, PowerPoint and Digital Presentation Tools**: Creating spreadsheets, formulas and functions in MS Excel, MS PowerPoint – creating presentations, animation effects, multimedia presentations, AI-assisted presentation and image generation tools for creative visualization and mood boards.	10
5	**Internet, Communication and AI Applications in Design**: Internet and its applications Email, cloud storage, E-commerce, social media platforms, digital marketing, online collaboration tools, role of internet in creative industries, applications of AI in Design, digital content creation, virtual exhibitions	10

Suggested Readings:

Basandra , S.K computer Today, New Delhi : GalgotiaPublications

P K Sinha, Fundamental ofcomputer

Rajaraman, V. *Fundamentals of Computers*.

Russell, Stuart & Norvig, Peter. *Artificial Intelligence: A Modern Approach*.

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Michael Miller, *AI Basics for Beginners.* Shelly Cashman Series, *Microsoft Office Fundamentals.* **Suggested Digital Platform:** https://www.nios.ac.in/media/documents/sec229new/Lesson1.pdf https://learn.microsoft.com/en- https://www.tutorialsmate.com/2020/04/computer-fundamentals-tutorial.html https://www.canva.com?utm_source=chatgpt.com us/training/ai/?utm_source=chatgpt.com https://ai.google/education/?utm_source=chatgpt.com
ourse pre requisites: No any Pre Requisites.
Suggested Continuous Evaluation Methods: lass Performance/Practical Exam/Submission/Viva/Attendance
Course pre requisites: No any Pre Requisites Students will be able to use computers, digital applications, and introductory AI tools effectively for academic, creative, and professional purposes across various disciplines of Fine Arts including Painting, Applied Arts, Performing Arts, Animation, Fashion Design, and Interior Design.

6. ENGLISH COMMUNICATION SKILLS

Programme/Class: Certificate in Interior Design	Year: First	Semester: 1st
INTERIOR DESIGN		
Course Code:AEC-01	Course Title: English (Theory)	

Course outcomes:

Students will be able to:

1. Project the first impression
2. Use polite expressions to establish basic social contact and to perform everyday functions including making requests and offers, asking about price, ordering a meal, etc.
3. Students learn to use general, social and professional language.
4. Behave appropriately in social and professional circles.
5. Handle difficult situations with grace style and professionalism.

Credits:	Core Compulsory
Max. Marks:	Min. Passing marks:

Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P:

Unit	Topics	No. of Lectures
I	**Module 01 – Grammar** • Sentence and kinds • Review –Parts of Speech • Tenses • Determiners • Subject Verb Agreement	
II	**Module 02 – Reading and Writing** • Reading Comprehension • Application and letter writing • Resume writing • Reporting Writing-Events etc.	
III	**Module 03 – Self Introduction** • Introducing self • Speaking about achievements • Voicing future aspects	
IV	**Module 04 – Non verbal Communication** • Body Language Paralanguage skills	

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V	**Module 05 – Manners and Etiquettes** • Personal grooming • Dress code • Professional etiquettes	
VI	**Module 06 – Public Speaking skills** • Extempore • Role Play • Group Discussion **Practical Assessment** • Presentations, Group Discussions	

Books Recommended

1. An introduction to Professional English and Soft Skills by B. K. Das et al., Cambridge University Press.
2. Technical Communication: Principles and Practice, Second Edition by Meenakshi Raman and Sangeeta Sharma, Oxford Publications.
3. Effective Technical Communication by M Ashraf Rizvi, The McGraw-Hill companies.
4. Understanding Body Language by Alan Pease.
5. Communicative Grammar of English by Geoffrey Leech and Ian Svartik.
6. Better English Pronunciation by J.D.O' Connor.
7. English Grammar by Wren and Martin.
8. Strengthen Your English, M. Bhaskaran and D. Horsburgh, Oxford University Press, Delhi 1973

7. 3D DESIGN (VAC-I)

Programme/Class: Certificate in Interior Design	Year: First	Semester: 1st
Subject: Core Corse/Major		
Course Code: BSCIDVAC-1	Course Title: 3D Design-I	

Course Out Come:

- Know about Fundamentals of 3D Design (Sculpture) like the elements of sculptural design (Mass & Space) and their relation to create 3D forms.
- Know about basics of 3D forms and all the core materials and their techniques to create forms.
- Practically know about clay and its preparation and process of creating forms through clay modeling.
- Practically know about relief sculpture (process, techniques, importance and uses).
- Practically know about pottery and create pots through clay (Red clay preparation, Coil and slab methods).
- Students practically know about to create pots on wheel (Clay preparation, centre the clay on wheel, basic pots make and brief description about terracotta).

Credits: 3	Core Course
Max. Marks: 40+ 60	Min. Passing Marks:

Total No. of Lecture- Tutorials-Practical (in hours per week- 8 hours) (96 Hours)

Unit	Topic	No. of Practical Total- 96 Hrs
I	**Basic Fundamentals of 3D Design** • Introduction of 3D Design or sculpture, (forms, composition and importance)	8 Hours
II	**3D Forms & Materials** • Basic 3D forms process according to materials and its techniques.	8 Hours
III	**Clay Modelling** • Clay preparation, learn about creative forms like basic clay modelling.	24 Hours
IV	**Relief in clay** • Create relief in clay using tools and learn embossing and depth in clay.	16 Hours
V	**Pottery** • Clay preparation for terracotta pottery, coil and slab method pottery, create tea cup/flower pot.	24 Hours
VI	**Pottery Wheel** • Clay preparation for work on pottery wheel, clay cantering on wheel, create simple Diya's.	16 Hours

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Suggested Readings: 1. Sculpting Techniques Bible -Claire Brown, Chartwell Books, Inc - 2006 2. Pottery- the essential manual- Doug Wensle, The Crowood Press- 2002
This course is Major Course as compulsory for the students
Evaluation Method: Max. Marks 40 Assessment Type: Assignments (20 Marks) Assessment Type: Class Test (10 Marks) Assessment Type: Attendance (10 Marks)
Suggested Equivalent online Course:
Further suggestion: None

8. Indian Knowledge Systems
Value Added Course (Compulsory)

Course Title	Course Code	Credit	Max Marks	External	Internal	Learning Hours
Indian Knowledge Systems	26VACIKSC2	2	50	30	20	34

Course Overview: The course on Indian Knowledge Systems (IKS) introduces students to the rich intellectual traditions of India and their continuing relevance in the modern world. It provides a multidisciplinary perspective on how knowledge was created, preserved, and applied across diverse fields such as philosophy, logic, linguistics, literature, mathematics, astronomy, medicine, architecture, agriculture, metallurgy, ecology, governance, and the arts. Through this course, students will explore the epistemological foundations of IKS, emphasizing holistic approaches, sustainability, and interconnectedness between humans, society, and nature. The curriculum blends classical texts, oral traditions, and indigenous practices with contemporary research, encouraging critical reflection and comparative understanding with modern scientific paradigms. The course also aims to highlight the practical applications of IKS in addressing present-day challenges such as environmental conservation, health and well-being, community based resource management, and social harmony. By engaging with both theoretical concepts and field-based knowledge, students will develop an appreciation of India's knowledge heritage, while cultivating skills to integrate indigenous insights with global knowledge systems for innovation and sustainable development.

Course Objectives :-

1. To introduce students to the meaning, scope, philosophical foundations, and multidisciplinary nature of Indian Knowledge Systems and their relevance in contemporary society.
2. To develop an understanding of India's contributions to mathematics, astronomy, architecture, health sciences, yoga, and traditional technologies through ancient and classical knowledge traditions.
3. To examine traditional Indian systems of education, knowledge transmission, arts, crafts, and heritage preservation, along with challenges in protecting traditional knowledge.
4. To explore the contemporary relevance of Indian Knowledge Systems in modern education, scientific inquiry, holistic health, innovation, entrepreneurship, and public policy frameworks such as the National Education Policy 2020.
5. To encourage critical thinking and application of Indian Knowledge Systems for addressing present-day global challenges, including sustainability, well[illegible], harmony, and achievement of the Sustainable Development Goals (SDGs).

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Course Outcomes (COs) :- By the end of this course, students will be able to:

Course Outcomes (COs)

By the end of this course, students will be able to:

CO1: Explain the meaning, sources, characteristics, philosophical foundations, and historical development of Indian Knowledge Systems (IKS), including their significance in the context of the National Education Policy (NEP) 2020.

CO2: Describe India's contributions to mathematics, astronomy, architecture, Ayurveda, Yoga, governance, and traditional technologies, and appreciate their scientific and cultural relevance.

CO3: Analyze the role of Indian Knowledge Systems in promoting sustainability, environmental conservation, health and well-being, ethical values, and the achievement of Sustainable Development Goals (SDGs).

CO4: Demonstrate understanding of traditional Indian systems of education, knowledge transmission, arts, crafts, heritage preservation, and indigenous resource management practices.

CO5: Apply concepts and principles of Indian Knowledge Systems to contemporary challenges and develop innovative ideas, entrepreneurial initiatives, or interdisciplinary solutions integrating traditional wisdom with modern knowledge.

Course Title	Course Code	Credit	Max Marks	External	Internal	Learning Hours
Indian Knowledge Systems	26VACIKSC2	2	50	30	20	30

Course Contents:	
Unit-I: Introduction to Indian Knowledge Systems (IKS) :- i. Meaning, Definitions, Elements,Sources and Characteristics of IKS. ii. National Education Policy 2020 and IKS iii. Common Misconception about IKS, AnubandhaChatustaya, Vocabulary of IKS, iv. Philosophical Foundation of IKS-CaturdaśaVidyāsthāna-s v. Historical and Contemporary Relevance of IKS in changing world. vi. Multidisciplinary Indian Knowledge Systems (IKS) & Heritage ii. Innovation and entrepreneurship based on traditional knowledge	**10 Hours**
UNIT 2: Indian Contribution to Mathematics, Science, Health and Technology i. Ancient Indian Mathematics: Sulbasutras, Aryabhata, Brahmagupta ii. Overview of Indian astronomy: celestial coordinate systems and calendar systems iii. Ancient Indian Architecture and Temple Architecture : An Overview iv. Overview of Traditional Medicinal Systems : Ayurveda: Charaka, Sushruta, health as balance (Tridosha) v. Facets of Yoga : Looking Beyond Asanas vi. Arthashastra Strategic Perspectives for the 21st Century. vii. Role of IKS to achieve Sustainable Development Goals (SDGs)	**10 Hours**
UNIT 4: Indian Arts, Education and Knowledge Transmission) i. Gurukul, Pathshala, Guru-ShishyaParampara and ancient university systems (Nalanda, Takshashila etc.) ii. Indian art and architecture: paintings, sculpture, classical dance, musics. iii. Role of family and society in ethical development iv. Concept of 'VasudhaivaKutumbakam' and 'Sarva Dharma Sambhava' v. Traditional Water and Environment Management systems : An Overview, Traditional Knowledge.	**10 Hours**

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vi.	Traditional Indian crafts and skills: textiles, pottery, chemistry and metallurgy	
vii.	Role of IKS to achieve Sustainable Development Goals (SDGs)	

Suggested Readings & References:

- Basham, A. L. (2004). *The wonder that was India*. Picador India.
- Balagangadhara, S. N. (2012). *Reconceptualizing India studies*. Oxford University Press.
- Balasubramanian, S. R. (2020). *Introduction to Indian knowledge system: Concepts and applications*. PHI Learning.
- Balasubramaniam, R. (2022). *Indian knowledge systems*. De Gruyter.
- Bose, D. M., Sen, S. N., &Subbarayappa, B. V. (Eds.). (2008). *A concise history of science in India*. Universities Press.
- Charaka. (2012). *CharakaSamhita* (P. V. Sharma, Trans.). ChaukhambhaOrientalia.
- Chattopadhyaya, D. (1991). *History of science and technology in ancient India*. Firma KLM.
- Coomaraswamy, A. K. (2013). *The dance of Shiva: Essays on Indian art and culture*. MunshiramManoharlal Publishers.
- Danino, M. (2010). *The lost river: On the trail of the Saraswati*. Penguin India.
- Feuerstein, G. (2001). *The yoga tradition: Its history, literature, philosophy and practice*. Hohm Press.
- Kak, S. (2000). *The astronomical code of the Rigveda*. MunshiramManoharlal Publishers.
- Kapoor, K., & Singh, A. K. (Eds.). (2017). *Indian knowledge systems: Education, philosophy, and applications*. D.K. Printworld.
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- Vishnugupta (Kautilya). (2013). *Kautilya'sArthashastra* (R. Shamasastry, Trans.). Wisdom Tree

Suggested Useful Online links :-

- **Indian Knowledge Systems (IKS) Division, Ministry of Education**
  https://iksindia.org/
- **AICTE – Indian Knowledge Systems (IKS)**
  https://www.aicte-india.org/initiatives/Indian-Knowledge-Systems-IKS
- **National Education Policy (NEP) 2020**
  https://www.education.gov.in/sites/upload_files/mhrd/files/NEP_Final_English_0.pdf
- **SWAYAM Online Learning Portal**
  https://swayam.gov.in/
- **National Digital Library of India (NDLI)**
  https://ndl.iitkgp.ac.in/
- **e-PG Pathshala**
  https://epgp.inflibnet.ac.in/
- **Digital Library of India**
  https://www.dli.gov.in/

General Instructions:-

- **Mode of Classes:** Conduct online, offline classes, Academic tour, Seminar, Guest Lectures etc.
- **Instruction to Question Setter for End Semester University Examination (75 marks):**

PRINCIPAL

1. There will be Objective type test consisting of questions of 1 mark each.
2. There will be 30 questions in the paper of IKS of 2 credits.
3. The End Semester University Examination (ESUE) of 30 marks in will be of 1.5 Hrs.

➢ **Evaluation Scheme: Marks: 50 (ESE: 1.5 Hrs) = 50 Pass Marks: Th (ESE) = 20**

Assessment	Examination Authority	Mode	Max. Marks	Total
Continues Internal Assessment-1	Faculty / Department level	Assignment / Project	10	20
Continues Internal Assessment-2	Faculty / Department level	Online/offline (MCQs-20)	10	
External Assessment (End semester University examination)	University Level	Online/offline : 30 MCQs	30	30
Total				50

❖ **Award Grade:** As per University Ordinance.

SEMESTER II

1. MATERIAL STUDIES & ITS APPLICATION-II (THEORY)

Programme/Class: Certificate in Interior Design	Year: First	Semester: 2nd
INTERIOR DESIGN		
Course Code: BSCID-201	Course Title: Material Studies & its Application-II (Theory)	

Course outcomes:

- understand the introduction, types, properties, classification, and uses of tiles used in building construction and interior design
- Understand timber terminology, classification, uses, defects, seasoning methods, and the applications of timber by-products in construction and furniture work.
- understand the composition, manufacturing process, types, and uses of architectural glass in modern construction and interior applications
- to identify different types of paints, varnishes, and distemper, understand their composition and defects, and apply painting techniques on new and old surfaces.

Credits:3	Core Compulsory
Max. Marks: 100	Min. Passing marks: 40

Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 40-5-0=45

Unit	Topics	No. of Lectures Total=45
I	**Tile** • Introduction to unit • types, properties • Uses, Classification.	9+1+0=10
II	**Timber & By products** • Introduction to unit • To study its terminology • Classification, uses, defects, seasoning, it's by products.	9+1+0=10
III	**Architectural Glass** • Introduction to unit	9+1+0=10

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	• To study the composition, manufacturing • Types & uses of different types of architectural glass.	
IV	**Paints Varnishes and Distemper** • Introduction to unit • To learn about different types of paints • composition, defects • painting new & old surfaces	13+2+0=15

Suggested Readings:

Sr. No.	Book	Author	Edition	Publication
1.	Engineering Materials	S.C. Rangwala	28th	Charatar Publishing house
2.	Building Materials	P.C. Uarghese	7th	Ashoke K. Ghosh
3	Building Materials	S.K. Duggal	3rd	New Age International

Suggested Digital Platform:

https://www.cphbooks.in/product/engineering-materials-by-rangwala/
https://www.scribd.com/document/501253504/Building-Material-by-P-C-Verghese
https://www.academia.edu/3747859/Building_Materials_3rd_Edition_by_S_K_Duggal

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:
Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior Design.

2. DESIGN STUDIO-I (PRACTICAL)

Programme/Class: Certificate in Interior Design	Year: First	Semester: 2nd
INTERIOR DESIGN		
Course Code: BSCID-211	Course Title: Design Studio-I (Practical)	

Course outcomes:
The student at the completion of the course will be able to:
- Create a visual language based on concept development.
- Understand the critical issues of human anthropometrics.
- Understand the process of literature study and case study analysis in design projects.
- Develop and critique concepts diagrams.
- Integrate concepts into planning design decisions.

Credits: 6 (12)	Core Compulsory
Max. Marks: 100	Min. Passing marks: 40

Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P=90

Unit	Topics	No. of Lectures =90
I	**Introduction to Design Process** • Introduction of Design problem. • Lecture on basic design process including user needs, program analysis, area analysis, market survey, site analysis etc. • Discussion based on the existing exercise and the understanding of students. • Student will understand the basics of design problem, which will include different types of stages of design and how the process works.	5+0+ 1 = 6
II	**Introduction to design Project - Study Area/Room** • To introduce to students, the design of a building with complexities related to workspaces, services, structures and site planning. • Literature/Case Studies ➢ Understanding the role & process of a case study and choose the relevant case examples related to your project.	3+0+25=28

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	• Design Concept -Developing concepts for the design project. ➢ To help students evolve their design by understanding relationship between form, function and space and explain design idea with the help of sketches. Layout Plans& drawings – Plan, Sectional Elevation	
III	**Introduction to design Project - Teenager's Room** • To introduce to students, the design of a building with complexities related to workspaces, services, structures and site planning. • Literature/Case Studies ➢ Understanding the role & process of a case study and choose the relevant case examples related to your project. • Design Concept -Developing concepts for the design project. ➢ To help students evolve their design by understanding relationship between form, function and space and explain design idea with the help of sketches. ➢ Layout Plans& drawings – Plan, Sectional Elevation, furniture layout, detailed interior drawings & Isometric view.	3+0+25=28
IV	**Introduction to design Project – Drawing Room & Dining Area** • To introduce to students, the design of a building with complexities related to workspaces, services, structures and site planning. • Literature/Case Studies ➢ Understanding the role & process of a case study and choose the relevant case examples related to your project. • Design Concept -Developing concepts for the design project. ➢ To help students evolve their design by understanding relationship between form, function and space and explain design idea with the help of sketches. Layout Plans& drawings – Plan, Sectional Elevation, furniture layout, detailed interior drawings & Isometric view.	3+0+25=28

Project:-model Submission in concern to design studio. (Develop Study Area/Room, Teenager's Room & Drawing Room & Dining Area)

Suggested Readings:

Sr. No.	Book	Author	Edition	Publication
1.	FORM, SPACE, AND ORDER	Francis D.K. Ching		
2.	Interior Design Reference Manual.	Ballast, David Kent	2010	Belmont, CA: Professional Publications Inc.
3.	Rendering with pen and ink ROBERT W. GILL How to design a Chair.	Design Museum		
4.	A Short History of an Idea Home	Witold Rybczynski		

Suggested Digital Platform:

https://kraftivo.in/interior-design-guide/
https://www.declad.com/the-thinking-hand-existential-and-embodied-wisdom-in-architecture-by-juhani-pallasmaa
https://in.pinterest.com/erinloechner/interior-design-ideas/
https://www.decorilla.com/design-consultation/signup?from=blog-interior-design-websites-banner-side

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:
Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior design & detail drawings.

3. CONSTRUCTION TECHNOLOGY-II (PRACTICAL)

Programme/Class: Certificate in Interior Design	Year: First	Semester: 2nd

Subharti College of Fine Arts & Fashion PRINCIPAL

INTERIOR DESIGN

Course Code: BSCID-212	Course Title: Construction Technology-II (Practical)

Course outcomes:

- understand the function, location, materials, and graphical representation of lintels through drafting.
- understand the function, terminology, materials, types, and drafting representation of basic arches.
- to identify different types of carpentry joints and represent them graphically through drafting.
- understand the terminology, function, materials, types, and drafting representation of basic doors.
- understand the terminology, function, materials, types, and drafting representation of windows.

Credits:3 (6)	Core Compulsory
Max. Marks: 100	Min. Passing marks: 40

Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P:10-5-30=45

Unit	Topics	No. of Lectures Total=45
I	**Lintels:** • Introduction to unit • To learn its function, location, material. • To learn to represent the same through drawing/drafting	2+1+6=9
II	**Arches:** • Introduction to unit • To learn its function, terminology, location, materials & types (Basic Arches only) • To learn to represent the same through drawing/drafting	2+1+6=9
III	**Carpentry Joints** • Introduction to unit, • To learn the different types of joints & to represent them graphically. • To learn to represent the same through drawing/drafting	2+1+6=9
IV	**Doors** • Introduction to unit. • To study its terminology, function, sizes, location, materials, • types (Basic Flush and Panelled Door) • To learn to represent the same through drawing/drafting)	2+1+6=9
V	**Windows:** • Introduction to unit. • To study its terminology, function, sizes, location, materials, • Types of Windows (Casement, Louvered Windows only) • To learn to represent the same through drawing/drafting	2+1+6=9

Suggested Readings:

Sr. No.	Book	Author	Edition	Publication
1.	Building construction	B.C.Punmia	10th	Laxmi publication
2.	Building construction	S.C.Rangwala	29th	Charatar publication
3.	A Text Book of Building Construction	S.P.Arora, S.P.Bindra	5th	Dhanpat Rai publication

Suggested Digital Platform:

https://www.bookswagon.com/book/building-construction-bc-punmia-ashok/9788131804285

https://www.cphbooks.in/product/engineering-materials-by-rangwala

https://dhanpatrai.com/Catalogue.pdf

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:
Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be a[illegible] advance Interior Design.

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4. Computer Application and AI-II

Programme/Class: Certificate in Fashion Designing	Year: First	Semester: Second
Fashion Designing		
Course Code: BSCID-213	Course Title: Computer Application and AI-II	

Course outcomes:

The Student at the completion of the course will be able to:

- To enhance students' skills in using advanced features of PowerPoint for professional presentations.
- To introduce students to the fundamentals of Corel DRAW for vector-based graphic design, relevant to fashion design.
- To apply these computer applications in the context of fashion design projects.

Credits:3 (6)	
Max. Marks: 30+70	Min. Passing marks:
Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 45	

Unit	Topics	No. of Lectures
I	**Advanced PowerPoint Skills** **Design and Layout** • Slide design principles • Using themes, templates, and layouts • Working with Smart Art and Charts **Multimedia Integration** • Inserting and editing audio, video, and animations • Using transitions and timing for effect • Embedding hyperlinks and interactive elements	10
II	**Advanced Techniques** • Custom slide shows • Master slides and templates • Collaborating on presentations **Presentation Project** • Project: Design a professional fashion presentation • Peer review and feedback	10
III	*Corel DRAW Basics* • Introduction to vector graphics • Overview of Corel DRAW interface • Understanding the tools and workspace **Drawing and Shaping Objects** • Basic drawing tools: Lines, shapes, curves • Using the Pen Tool and Bezier Tool • Shaping and editing objects • Adding and formatting text **Colors, Fills, and Outlines** • Applying color, gradients, and patterns • Using color palettes • Creating and editing outlines and strokes **Working with Images** • Importing and editing raster images • Tracing bitmaps to convert to vector • Image adjustment and enhancement	15

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IV	**AI Applications in Interior Design** • Create AI-generated mood boards and concept inspiration boards. • Design branding materials and presentation graphics. • Generate and refine interior layouts and design visualizations. **AI-Based Material and Surface Design** • Create textures, patterns, and surface finishes using AI. • Develop repeat patterns for wallpapers, fabrics, and upholstery. **Prompt Engineering and AI Content Generation** • Text-to-Image Generation • Text-to-Video Generation • AI-assisted Design Concept Development • Ethical Use of AI in Interior Design **Final Project** • Develop a complete AI-assisted interior design project, including concept development, mood board, space visualization, material selection, and portfolio presentation.	

Suggested Readings:
Books:

- "Microsoft PowerPoint 2019 Step by Step" by Joan Lambert
- "CorelDRAW X7: The Official Guide" by Gary David Bouton

Suggested Digital Platform:
https://www.nios.ac.in/media/documents/sec229new/Lesson1.pdfhttps://www.tutorialsmate.com/2020/04/computer-fundamentals-tutorial.html

Course pre requisites:

Suggested Continuous Evaluation Methods:
Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: No any Pre Requisites

At the End of the whole syllabus any remarks/ suggestions: Students will be able to learn advanved features of Powerpoint and baics of Corel Draw.

6. LIFESTYLE AND ACCESSORY DESIGN (VAC-II)

Programme/Class: Certificate in Interior Design	Year: 1st	Semester: 2nd
INTERIOR DESIGN		
Course Code: BSCIDVAC-II	Course Title: Lifestyle and Accessory Design (VAC-II)	

Course outcomes:
The student at the completion of the course will be able to:

- Develops employability skills
- Bridges the skill gap and become ready for teaching profession
- Familiarizes with technical skills
- Understands the expectations of the schools and students
- Recognizes as job providers rather job seekers

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Credits: 3 (6)	Core Compulsory
Max. Marks: 100	Min. Passing marks: 40

Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P:

Unit	Topics	No. of Lectures = 45
I	**Natural art** Freehand Drawing, Pencil Shading, Nature Work, Figurative Work, Creative Designs - Coconut shell craft, collage Design - Pebbles art.	9+0+ 0 =9
II	**Flower making** Basic Flower Arranging Techniques - Flowers as Gifts - Flowers for the Home - Practice of preparing bouquet - Organdy - Socks cloth - Crepe paper	9+0+ 0 =9
III	**2d & 3d Industrial & Commercial Decorative items:** • Introduction about different materials and their usage • Mural design, • Lamp design, • Glassware, • Mirrors, • Bottle art • Clocks, etc.	13+0+ 0 =13
IV	**Creative Art** Coffee painting - Woolen hanging - Landscape on disc - Dream catcher - Geometrical pattern coasters	9+0+ 0 =9
V	**Textile** • Tie & dye, • Block printing etc.	5+0+ 0 =5

References

1. Brownowki, J. (1964). The Arts - Man's Creative Imagination. New York: Double days Company.
2. Harpar & Row. (1960). Indians of the Plains Illustrated with Paintings, Prints, Drawings and Photographs of the Period. New York: American Heritage.
3. Krishnappa, K.N. (2000). Easy to Learn Draw Human Figures. Bangalore: Vasan Book Depot.
4. UDO - EMA, A.J. (1961). The Arts and Crafts Teacher. London: Longmans.
5. http://www.vobium.com/view/courses/1-11201-653/certificate-course-in-fabric-painting- hobby-courses-for-all-certificate-by-himanshu-art-institute

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DIPLOMA IN INTERIOR DESIGN

Program Outcomes (POs)

- Students will get to learn digital designing for Interior Design industry.
- Students will be skilled with pattern making techniques.
- Students will acquire knowledge of Interior Design Drafting and Rendering computer software.
- Students will get introduced to various fabrics and textiles.

Program Specific Outcomes (PSOs)

At the end of program following outcomes are expected from students:

- Students will get acquainted with basics, ethics and concepts of fashion design.
- Design and develop the strategies required to manage the garment and fashion industries.
- Students will be able to solve the real time problems related to the above industries.

SEMESTER-III

S.No.	Name of Course	Type of Course	Paper Code	L	T	P	Credits	Marks
1	Interior furnishing	MJC-3	BSCID-301	3	-	-	3	100
2	Design Studio-II	MJC-4	BSCID-311	-	-	8	4	100
3	Construction Technology-III	MJC-5	BSCID-312	-	-	6	3	100
4	Furniture Design-I	MIC-4	BSCID-313	-	-	8	4	100
5	Computer in Design-I (Auto-CAD)	SEC-3	BSCID-314	-	-	6	3	
6	Model making & Market Survey	MDC-3	BSCID-315	-	-	6	3	100
7	Disaster Risk Management	AEC-3	AEC-3	2	-	-	2	100
	Total Credits						**22**	**700**

SEMESTER-IV

S.No.	Name of Course	Type of Course	Paper Code	L	T	P	Credits	Marks
1	History of Interior Design & furniture	MJC-6	BSCID-401	3	-	-	3	**100**
2	Interior Services-I	MJC-7	BSCID-402	3	-	-	3	**100**
3	Design Studio-III	MJC-8	BSCID-411	-	-	10	5	**100**
4	Building Services Design	MJC-9	BSCID-412	-	-	8	4	**100**
5	Computer in design-II (Photoshop)	MIC-5	BSCID-413	-	-	6	3	**100**
6	NCC/NSS/ SPORTS	AEC-4	AEC-4	-	-	2	2	**100**
	Total Credits						**20**	**600**

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SEMESTER III

1. INTERIOR FURNISHING (THEORY)

Programme/Class: Diploma in Interior Design	Year: Second	Semester: 3rd
INTERIOR DESIGN		
Course Code: BSCID-301	Course Title: Interior Furnishing (Theory)	

Course outcomes:

The student at the completion of the course will be able to:

- Understand the material used for making carpets, Upholstery, Rugs & Durries, Drapery & curtains.
- Understand different fabrics available & their uses accordingly.
- Know about methods of construction and their classification.
- Learn the distinguish features between upholstery & drapery.

Credits:3	Core Compulsory:
Max. Marks: 100	Min. Passing marks: 40

Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 40-05-0=45

Unit	Topics	No. of Lectures
I.	**Carpets:** • Introduction & History of carpets • Uses • Types of carpets available in the market • Understanding different technique & Material used for construction.	8-1-0=9
II.	**Upholstery:** • Definition & History of upholstery • Uses of upholstery • Materials used in upholstery. • Styles of upholstery. • Importance of upholstery in interior design.	12-1-0=13
III.	**Rugs and Durries:** • Definition & their history in India. • Different sizes of rugs and durries available in the market. • Uses of Rugs and durries. • Construction technique. • Importance of Rugs and durries in interior design.	14-2-0=16
IV.	**Drapery & Curtains:** • Different fabrics available & their uses accordingly. • Different styles.	6-1-0=7

- **Assignment:** - prepare any three articles related to the course.
- **Suggested Readings:**

Sr. No.	Book	Author	Edition	Publication
1.	Furniture For Interior Design	Sam Booth & Drew Plunket	2014	Laurence King Publishing Ltd.

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:
Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is 10+2 with any subject.

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior design detail drawings of furniture.

2. DESIGN STUDIO-II (PRACTICAL)

Programme/Class:	Year: Second Year	Semester: 3rd

Diploma in Interior Design		
INTERIOR DESIGN		
Course Code: BSCID-311	Course Title: Design Studio-II (Practical)	

Course outcomes:

The student at the completion of the course will be able to:

- Understand the process of literature study and case study analysis in design projects.
- Observe, research, document, and apply ergonomic and anthropometric aspects of interior design with respect to individual habitats.
- Understand the relationship between scale, volume, activity, sequence of movement, perception, and aesthetic principles within individual spaces.
- To understand all the dynamics involved within the design problem introduced.
- To impart an understanding of perception of interior space through design elements.

Credits: 4 (8)	Core Compulsory
Max. Marks: 100	Min. Passing marks: 40

Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P:

Unit	Topics	No. of Lectures = 60
I	**Introduction to Design Process** • Introduction of design problem • Lecture on basic design process including user needs, program analysis, area analysis, market survey, site analysis etc. • Discussion based on the existing exercise and the understanding of students.	4+0+ 0 =4
II	**Introduction to design Project – Mall kiosks Display** To introduce to students, the design of a building with complexities related to workspaces, services, structures and site planning. • Literature/Case Studies & Standards. ➢ Understanding Project Brief/ Drawing of Spaces & Area/ Requirement and how to read a project brief. Which includes interior designing of a kiosk Display? • Design Concept -Developing concepts for the design project. • Layout Plans & drawings – Plan, Sectional Elevation, furniture layout, detailed interior drawings, Isometric view and 3D Model. [Note:- Area not more than 10 mt.sq.]	1+0+27 =28
III	**Introduction to design Project - Combined Spaces Studio/Bachelor's Apartment** • To introduce to students, the design of a building with complexities related to workspaces, services, structures and site planning. • Literature/Case Studies & Standards. ➢ Understanding Project Brief/ Drawing of Spaces & Area/ Requirement and how to read a project brief. Which includes interior designing of a Interior Designer Office. • Design Concept -Developing concepts for the design project. Layout Plans & drawings – Plan, Sectional Elevation, furniture layout, detailed interior drawings, Isometric view and 3D Model.	1+0+27 =28

Project:-model Submission in concern to design studio. (Develop Studio/Bachelor's Apartment)

Suggested Readings:

1. Ching, Francis D.K. Form Space & Order.
2. Rasmeussen. E. Experiencing Architecture.
3. Zevi. Bruno.Space Time and Architecture.
4. Pandya. Yatin. Elements of Space-making

Suggested Digital Platform:

https://kraftivo.in/interior-design-guide/
https://www.declad.com/the-thinking-hand-existential-and-embodied-wisdom-in-architecture-by-juhani-pallasmaa
https://in.pinterest.com/erinloechner/interior-design-ideas/
https://www.decorilla.com/design-consultation-signup?from=blog-interior-design-websites-banner-side

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

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Suggested Continuous Evaluation Methods: Class Performance/Practical Exam/Submission/Viva/Attendance
Course pre requisites: The eligibility for this paper is 10+2 with any subject
At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior Designs and understand theconcepts of designing.

3. CONSTRUCTION TECHNOLOGY-III (PRACTICAL)

Programme/Class: Diploma in Interior Design	Year: Second	Semester: 3rd
INTERIOR DESIGN		
Course Code: BSCID-312	Course Title: Construction Technology-III (Practical)	

Course outcomes:

- Understand properties of basic building materials, construction and their application in interior Spaces
- Develop critical appreciation and understanding of staircase.
- Learn to Design & Draft the False Ceiling. Demonstrate knowledge of structural and functional principles for interior architecture and design.
- Demonstrate knowledge of structural and functional principles for interior architecture and design.
- Learn to design Panelling in the given area.

Credits:3 (6)	Core Compulsory
Max. Marks: 100	Min. Passing marks: 40

Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 10-5-30=45

Unit	Topics	No. of Lectures Total=45
I	**Flooring** • Introduction to unit. • Learn to graphically represent & design flooring with different types of materials. • To learn to represent the same through drawing/drafting.	2+0+7=9
II	**Staircase** • Introduction to unit, • To study its terminology, location, requirement of good staircase, • Classification, sizes, computing of RCC staircase (dog legged, open well, straight flight only). • To learn to represent the same through drawing/drafting.	2+0+7=9
III	**False Ceiling** • Introduction of unit. • Typical details, various types of false ceiling. • Application of various types of materials in false ceiling. • To learn to design & to represent False Ceiling for the given space. • To learn to represent the same through drawing/drafting.	2+0+7=9
IV.	**Partition** • Introduction to unit • Types of partitions, typical details • Fixtures of various partitions and its specifications. • To learn to represent the same through drawing/drafting.	2+0+7=9
V	**Paneling** • Introduction to unit • To make technically correct drawings of the panelling with different materials. • To learn to represent the same through drawing/drafting.	2+0+7=9

Suggested Readings:

Sr. No.	Book	Author	Edition	Publication
1.	Building construction	B.C.Punmia	10th	Laxmi publication
2.	Building construction	S.C.Rangwala	29th	Charatar publication
3.	A Text Book of Building Construction	S.P.Arora, S.P.Bindra	5th	DhanpatRai publication

Suggested Digital Platform:

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https://www.bookswagon.com/book/building-construction-bc-punmia-ashok/9788131804285 https://www.cphbooks.in/product/engineering-materials-by-rangwala/ https://dhanpatrai.com/Catalogue.pdf
This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.
Suggested Continuous Evaluation Methods: Class Performance/Practical Exam/Submission/Viva/Attendance
Course pre requisites: The eligibility for this paper is 10+2 with any subject
At the end of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior Design and the construction techniques.

4. FURNITURE DESIGN-I (PRACTICAL)

Programme/Class: Diploma in Interior Design	Year: Second	Semester: 3rd
INTERIOR DESIGN		
Course Code: BSC/ID-313	Course Title: Furniture Design-I (Practical)	

Course outcomes:

- To impart the knowledge of various styles, systems and products available in the market.
- Enhances the knowledge of ergonomics, materials, design and working parameters in designing furniture.
- To gain knowledge about the history of furniture.
- To identify different furniture systems.
- To know about the furniture detailing & its construction. To learn to implement furniture design into design project.
- Learn to create different designs for the given technical drawings and furniture piece.
- Learn to create different designs for the given furniture piece.

Credits: 4 (8)	Core Compulsory
Max. Marks: 100	Min. Passing marks:

Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 60

Unit	Topics	No. of Lectures Total=60
I	**Introduction** • Introduction to unit, • Exploration of the idea of furniture, role of furniture in interior design, • Application in furniture design. • Overview of Furniture categories. • Learn to graphically represent & design different types of materials.	2+0+0=2
II	**History of Furniture** • Awareness of the relationship of design history in order to create new designs in furniture. • Furniture designers and movements.	4+0+0=4
III	**Furniture Systems** • Furniture design for various context and spaces – residences, corporate, commercial etc. • Multi-functional & space-saving furniture; modular approach to furniture design.	2+0+0=2
IV	**Furniture Detailing and Construction** • Introduction to different materials • Joinery details and manufacturing methods.	2+0+0=2
V	**Implementation in Design Problem** • Exercise oriented by innovative explorations, observation and constrains, to design furniture, by providing measured drawing – plan, elevation, Iso-metric view (3d) and detailing on full scale, supported by prototype.	2+0+2=2
VI	**Design Problem-I (Bedroom Furniture)** • Bed & Bedside Table • Cabinet • Seating • Dressing Table • LCD/TV Panel etc.	2+0+22=24

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VII	**Design Problem-I (Living Room Furniture)** • Sofa • Centre Table • Lounge • Credenza/ Console • Showcases, etc	2+0+22=24

Project: - Article Submission in furniture design (Develop an artistic Furniture/ Model)

Suggested Readings:

Sr. No.	Book	Author	Edition	Publication
1.	The Encyclopaedia of Furniture	Joseph Aronson	Third Edition 1961	-
2.	Mid-Century Modern: Interiors, Furniture, Design Details	Bradley Quinn	2006	-
3.	Furniture: A Concise History (World of Art)	Edward Lucie Smith	1985	Thames and Hudson

Suggested Digital Platform:
https://www.abebooks.com/9780517037355/Encyclopedia-Furniture-Third-Edition-Completely-0517037351.plp
https://www.barnesandnoble.com/w/mid-century-modern-bradley-quinn/1012336588
https://www.thriftbooks.com/w/furniture-a-concise-history-world-of-art_edward-lucie-smith/308521/

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:
Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior Design.

5. COMPUTER IN DESIGN-I [AUTOCAD)] (PRACTICAL)

Programme/Class: Diploma in Interior Design	Year: Second	Semester: 3rd
INTERIOR DESIGN		
Course Code: BSCID-314	Course Title: Computer in Design-I [AutoCAD)] (Practical)	

Course outcomes:
The student at the completion of the course will be able to:
- Identify the process of visualizing in depth and detail in AutoCAD and related software's.
- Develop an understanding of AutoCAD as a vital tool that aids the designer in visualizing, detailing, costing and presenting interior design projects.
- Demonstrate an understanding of the symbiosis of conceptual and technical skills required by a designer, to cope with industry changes, and the impact of new technologies.
- Understand the role of AutoCAD in the ongoing evolution of the practice of Interior design.

Credits:3 (6)	Core Compulsory
Max. Marks: 100	Min. Passing marks:40

Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 0-0-45=45

Unit	Topics	No. of Lectures=45
1	**Introduction of CADD & its importance in designing**	2-0-0=2
2	• Function keys, Shortcut keys • Different sizes of paper • CADD Application & its features • Use of drawing elementary CADD commands – Line, Polyline, Polygon, Circle, Arc, Ellipse, Text etc.	0-0-23=23

	• Use of modifying Elementary Commands – Erase, Move, Copy, Mirror, Offset, Scale, Stretch, Chamfer, fillet & explode. • Making layers, line type & Line weight. Different menus of Auto-Cad, Function keys, Shortcut keys, Paper size.	
3	**Drafting Techniques** • Practice on Drawing basics • Geometrical Drawing Practice • Making plan and projection • Drafting of building plan, Elevation, Section Views.	0-0-20=20

Suggested Readings:

Sr. No.	Book	Author	Edition	Publication
1.	Principles Of Computer Programming	V. Rajaraman,		Prentice Hall of India
2.	Auto CAD Reference Manual		1998	Autodesk UNC

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:
Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior design & detail drawings with the help of AutoCAD software.

6. MODEL MAKING & MARKET SURVEY (PRACTICAL)

Programme/Class: Diploma in Interior Design	Year: Second	Semester: 3rd
INTERIOR DESIGN		
Course Code: BSCID-315	Course Title: MODEL MAKING & MARKET SURVEY(Practical)	

Course Outcomes
The student at the completion of the course will be able to:

- Understand the principles of model making and market survey techniques used in interior design projects.
- Develop physical scale models using appropriate materials, tools, and construction techniques to effectively represent design concepts.
- Conduct market surveys to identify interior materials, finishes, furniture, fixtures, and current market trends while evaluating their quality, cost, and availability.
- Analyze and apply information gathered from model making and market surveys to support design decision-making, project planning, and professional presentations.

Credits:3(6)	Core Compulsory
Max. Marks: 100	Min. Passing marks:40

Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 0-0-45=45

Unit	Topics	No. of Lectures=45
1	**Introduction to Model Making & Market Survey** • Introduction to model making, various materials used for model making. Relevant tools used for model making. Importance of model making in Interior Design. • Scales, proportions, and measurements. • Model-making tools, safety practices, and workspace organization. • Introduction to model-making materials (Foam Board, MDF, Sun board, Mount Board, Acrylic Sheet, Thermocol, Balsa Wood, Clay, etc.).	6-0-0=6

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2	**Model Making Techniques** • Cutting, joining, finishing, and detailing techniques. • Preparation of models & furniture models. • Interior space models (Residential/Commercial). • Surface finishing and presentation techniques.	5-1-0=6
3	**Product Models & Material Exploration** • Development of interior product prototypes. • Material experimentation and selection. • Sustainable and recycled materials for model making. • Fabrication and finishing techniques.	7-1-0=8
4	**Field Study & Market Survey** • Visits to furniture showrooms, modular kitchen studios, lighting stores, flooring and furnishing markets. • Study of building materials and interior products. • Observation of construction sites/interior execution work. • Preparation of market survey reports, product documentation, photography, and presentation.	0-0-25=25

Suggested Readings:

Sr. No.	Book	Author	Edition	Publication
1.	Model making for architects	Paul Berthold	1st Edition	W. W. Norton & Company
2.	Marketing Research	Naresh K. Malhotra	7th Edition	Pearson Education

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:
Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the end of the whole syllabus, students will be able to apply practical skills in model making and market survey to support effective planning, material selection, and presentation of interior design projects.

SEMESTER IV

1. HISTORY OF INTERIOR DESIGN & FURNITURE (THEORY)

Programme /Class: Diploma in Interior Design	Year: Second	Semester: 4th
INTERIOR DESIGN		
Course Code: BSCID-401	Course Title: History of interior design & Furniture (Theory)	

Course outcomes:

The student at the completion of the course will be able to:

- The course on History of Architecture develops appreciation regarding past and current trends in the field of architecture.
- The knowledge of the journey of furniture from Prehistoric to Modern day. To study different styles of furniture through different eras. Learn the changes in furniture as per the eras.
- The knowledge of this course will help the students to understand how political,physical, social, economic and technological change affect the architecture, materials construction techniques, different types of furniture and interior design of spaces.

Credits: 3	Core Compulsory
Max. Marks: 100	Min. Passing marks:40
Total No. of lectures-Tutorials-Practical (in hours per week): 31-14-0=45	

Unit	Topics	No. of Lectures = 45

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I	**Prehistoric & Primitive Designs** • Prehistory to Early civilizations. Prehistoric Interiors. Archeological evidence. • Evidence from Tribal Arts Cultures. pattern and Furniture Design. • The first permanent settlement, Mesopotamia and China. • To learn how the need of furniture developed in brief.	2+2+ 0 =4
II	**Ancient World** To comprehend the unique aspects of interiors and furniture, as well as the evolution of furniture and interior design elements & ornaments during these periods. • Egyptian • Greek • Roman	5+2+ 0=7
III	**Middle Ages** To comprehend the unique aspects of interior and furniture, as well as the evolution of furniture and interior design elements and ornaments during these periods. • Christian • Byzantine • Gothic	5+2+ 0 = 7
IV	**Renaissance** To comprehend the unique aspects of interior and furniture, as well as the evolution of furniture and interior design elements and ornaments during these periods. • Early • High • Baroque • Rococo	5+2+ 0 = 7
V	**Industrial** To grasp the unique attributes of the arts and crafts during this era, along with the evolution of artistic and artisanal endeavours. • Art Nouveau • Arts & craft	5+2+ 0 = 7
VI	**Twentieth century** To understand the distinctive characteristics of interior design and furniture, as well as the changes in furniture and the decorative elements of interior design throughout twentieth century. • Electric • Bahaus • Vies Vander Rohe • Le Corbusier • Arts deco &Expressionism	5+2+ 0 = 7
VII	**Post modern & futuristic** To understand the unique aspects of interior and furniture, as well as the evolution of furniture and interior design elements in postmodern &futuristic and learn how the need of furniture developed in brief.	4+2+ 0 = 6

Suggested Readings:

Sr. No.	Book	Author	Edition	Publication
1.	A history of Interior Design	John Pile and Judith Gura	2013	Wiley Publications
2.	History of Architecture	Sir Banister Fletcher		CBS Publishers & distributors. New Delhi
3.	Art Deco Complete: The Definitive Guide to the Decorative Arts of the 1920s and 1930s	Alastair Duncan	2009	Harry N. Abrams

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:
Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will understand and explore traditional art forms, design elements, evolution of furniture styles, decorative elements and motifs, [illegible] history in India across geographical locations. It creates understanding of social and cultural dimensions [illegible] interior design.

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2. INTERIOR SERVICES (THEORY)

Programme/Class: B.Sc. in Interior Design	Year: 2	Semester:4
INTERIOR DESIGN		
Course Code: BSCID-402	Course Title: Interior Services (Theory)	

Course outcomes:

The student at the completion of the course will be able to:

- Learn to use different electrical material in residence and its applications.
- Learn to use different lights to its advantage.
- Learn the important components of plumbing work to be done in a residence.
- To learn about various components of building services.
- To learn about building services and to represent them through technical drawings.

Credits: 3	Core Compulsory
Max. Marks: 100	Min. Passing marks: 40

Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 22-23-0=45

Unit	Topics	No. of Lectures=45
1	**Electrical & Lighting: -** • Types of wires, • Types of Switches, • Electrical Layout • DB, MCB's • Natural lighting • Artificial lighting • Requirement for different situations • Lamps and luminaries • Outdoor lighting.	6+6+ 0 = 12
2	**Plumbing,** • **Water Supply** water distribution systems – valves only), traps, importance of water seal, names of sanitary fittings & fixtures, materials & important sizes of pipes, plumbing standards. • **Water conservation technologies** -Water treatment plants in commercial and at domestic level. • Recycling & Reuse of water **Rain water harvesting**-importance, Requirements of rain water harvesting structure, types of rain water harvesting systems, advantages.	4+4+ 0 = 8
3	**Acoustics & Sound Insulation** Human ear, Loudness perception, subjective effects, characteristics of sound in speech and music, annoyance, background noise.	4+4+ 0 = 8
4	**Air Conditioners** The functioning of AC, types & points of consideration for the load calculation of AC for Residences.	4+4+ 0= 8
5	**Building Environments:-** • Ventilation and air movement. • System of Ventilation - Natural ventilation - Artificial ventilation - General rules of	4+5+ 0= 9

Suggested Readings:

1. Electrical wiring and contracting (vol. 1 to vol.4). London. The New era Publishing Company.
2. Dr Frith Abnwos and others. Electrical Engineering hand book.
3. William . J. Guinness. Mechanical and Electrical Systems for Buildings. New York : M... Hill...
4. Faber. Oscar and Kell. J.R. Heating and Air conditioning of Building. Architectural Pr... urrey, 19...
5. Prasad Manohar. Refrigeration and air-conditioning. 5th ed. New Age Intl. pub. New D...
https://archive.nptel.ac.in/courses/112/104/112104212

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This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.
Suggested Continuous Evaluation Methods: Class Performance/Practical Exam/Submission/Viva/Attendance
Course prerequisites: The eligibility for this paper is 10+2 with any subject
At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance components of building services used in Interior design.

3. DESIGN STUDIO-III (PRACTICAL)

Programme/Class: Diploma in Interior Design	Year: Second Year	Semester: 4th
INTERIOR DESIGN		
Course Code: BSCID-411	Course Title: Design Studio-III (Practical)	

Course outcomes:

The student at the completion of the course will be able to:

- Understand the process of literature study and case study analysis in design projects.
- To understand all the dynamics involved within the design problem introduced.
- To learn to transfer the conceptual idea into drawings & prepare technical design drawings for a workspace and detailed design
- To impart an understanding of perception of interior space of residential project through design elements.
- Learn about spatial planning of a given residence design exercise.

The student at the completion of the course will be able to:

- To be able to open up with new approaches of design
- To develop skill in garment and figure drawing.
- To be able to create advance fashion figures.

Credits: 5 (10)	Core Compulsory
Max. Marks: 100	Min. Passing marks: 40
Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 75	

Unit	Topics	No. of Lectures = 75
I	**Introduction to Design Process** • Introduction of design problem • Lecture on basic design process including user needs, program analysis, area analysis, market survey, site analysis etc. • Discussion based on the existing exercise and the understanding of students.	5+0+ 0 =5
II	**Introduction to design Project -Residential Project in Two levels** • To introduce to students, the design of a building with complexities related to workspaces, services, structures and site planning. • Literature/Case Studies & Standards. ➢ Understanding Project Brief/ Drawing of Spaces & Area/ Requirement and how to read a project brief. Which includes interior designing of a Studio Apartment. • Design Concept -Developing concepts for the design project. • Layout Plans & drawings – Plan, Sectional Elevation, furniture layout, detailed interior drawings, Isometric view and 3D Model.	5+0+65 = 70

Suggested Readings:

1. Ching, Francis D.K. Form Space & Order.
2. Rasmeussen, E. Experiencing Architecture.
3. Zevi, Bruno.Space Time and Architecture.
4. Pandya, Yatin. Elements of Space-making

Suggested Digital Platform:

https://kraftivo.in/interior-design-guide

https://www.declad.com/the-thinking-hand-existential-and-embodied-wisdom-in-architecture-by-juhani-pallasmaa

https://in.pinterest.com/erinloechner/interior-design-ideas/

https://www.decorilla.com/design-consultation-signup?from=blog-interior-design-websites-bonus

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior

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Design.

Suggested Continuous Evaluation Methods:
Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior design.

4. BUILDING SERVICES (PRACTICAL)

Programme/Class: B.Sc. in Interior Design	Year: Second Year	Semester: 4th
INTERIOR DESIGN		
Course Code: BSCID-412	Course Title: Building Services (Practical)	

Course outcomes:
The student at the completion of the course will be able to:
- To design electrical works, use of electrical symbols for designing in the given space.
- To learn to design the various Plumbing solutions – Supply for Residences.
- To represent various sanitary fitting in the technical drawings using symbols.
- To learn about building services and to represent them through technical drawings.

Credits: 4(8)	Core Compulsory
Max. Marks: 100	Min. Passing marks: 40

Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 04-08-48=60

Unit	Topics	No. of Lectures=60
1	**Electrical Layout plan** Electrical, wiring and its importance Symbols used in drawings.	1+2+ 12= 15
2	**Lighting layout plan** Types of Outdoor lighting Types of Indoor lighting	1+2+ 12 = 15
3	**Water Supply, Drainage & sanitary fitting plan.**	1+2+ 12 = 15
4	**Terminology used in water distribution systems –** valves, traps, importance of water seal, names of sanitary fittings & fixtures, materials & important sizes of pipes, plumbing standards.	1+2+ 12 = 15

Project:-Article Submission in concern to Lighting. (Develop an artistic lamp/ article)

Suggested Readings:

1. Mitchell's Building Construction: Environment & Services, Peter Burberry, 8th Edition, 1997, Longman.
2. Mechanical and Electrical Equipment for Buildings, B. Stein and J. Reynolds, 10th Edition, 2005, Wiley & Sons Inc.
3. The Building Systems Integration Handbook, R Rush, 1991, American Institute of Architects.
4. Building Services: A Guide to Integrated Design: Engineering for Architect, RP Parlour, 2008, Integral Publishing.
5. Understanding Buildings: A Multi-disciplinary Approach, E Reid, MIT.
6. ASHRAE Publications.
7. National Building Code of India (Latest Edition), Bureau of Indian Standards.

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:
Class Performance/Practical Exam/Submission/Viva/Attendance

Course prerequisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to represent all the building services components through technical drawings.

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5. COMPUTER IN DESIGN-II [PHOTOSHOP] (PRACTICAL)

Programme/Class: Diploma in Interior Design	Year: Second Year	Semester: 4th
INTERIOR DESIGN		
Course Code: BSCID-413	Course Title: Computer in Design-II [Photoshop] (Practical)	

Course outcomes:

The student at the completion of the course will be able to:

- Learn how to render the given drawing digitally.
- To enhance presentation. improve visualization of drawings and design as per the requirements.
- To create a render plan of landscapes and make your project very good looking and also adding textures, colors, day & night, fog, lighting and sunset effects in any design.

Credits: 3 (6)	Core Compulsory
Max. Marks: 100	Min. Passing marks: 40

Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 6-0-39=45

Unit	Topics	No. of Lectures = 45
1	**1. Introduction of Photoshop** • To understand the application of working in Photoshop Introduction to interface. **2. Layers panel** • Create new layers. Properties of the layers, like how to change the thumbnail size, setting colours to thumbnails • Importance of naming layers, locking the layer, toggling the visibility of layers • - Import images and objects into Photoshop x3 ways and move layers. **3. Move tool and Transformations (V/Ctrl+T)** **4. Selection tools (M,L,W)** **5. To Fill colour**	2-0-18=20
2	**6. Plan Rendering** • Artistic Render Using Brushes, Gradients, Layer Styles, Image Adjustments. • Layer Style **7. Section Rendering** • Raster Painting Tools **8. Perspective Render**	4-0-21=25

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:
Class Performance/Practical Exam/Submission/Viva/Attendance

Course prerequisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior design in Google Sketchup 3D software.



B.Sc. In Interior Design

Program Outcomes (POs)

- The candidate will get an in-depth knowledge of the subject matter into which he/she is enrolled.
- The candidate will be able to get employment and establish their own studios after the completion of the course.
- Avenues in Research will be open for the candidates taking B.Sc Interior Design.
- The student will be able to implement the course learnt into the profession.
- To learn about how to render the given drawing digitally.
- Learn ethical practices to be followed in the profession of interior design.
- Learn the effective methods to manage the project.
- To make students understand the importance, techniques of estimating and costing and valuation.
- Learn to create different designs for the given furniture piece.
- Learn the spatial planning of the given space.

Program Specific Outcomes (PSOs)

At the end of program following outcomes are expected from students:

- To teach various elements of building services.
- To learn basic space planning at the Commercial.
- To teach various elements of building services and to represent them through technical drawings.
- To create the design and to represent the same through technically correct drawings for fabrication of modular furniture/ furniture of special needs.

SEMESTER-V

S.No.	Name of Course	Type of Course	Paper Code	L	T	P	Credits	Marks
1	Introduction to Art & Interior Design	MJC-10	BSCID-501	3	-	-	3	100
2	Interior Landscape Design	MJC-11	BSCID-502	3	-	-	3	100
3	Design Studio-IV	MJC-12	BSCID-511	-	-	12	6	100
4	Computer in Design-III (Google Sketch up)	MIC-6	BSCID-512	-	-	6	3	100
5	Furniture Design-II	MIC-7	BSCID-513	-	-	6	3	100
6	Internship	INT-1	BSCID-514	-	-	8	4	100
	Total Credits						**22**	**600**

SEMESTER-VI

S.No.	Name of Course	Type of Course	Paper Code	L	T	P	Credits	Marks
1	Estimation and Project Management	MJC-13	BSCID-601	4	-	-	4	**100**
2	Professional Practice	MIC-8	BSCID-602	4	-	-	4	**100**
3	Design Studio-V	MJC-14	BSCID-611	-	-	12	6	**100**
4	Furniture Design-III	MJC-15	BSCID-612	-	-	8	4	**100**
5	Seminar	MIC-9	BSCID-613	-	-	8	4	**100**
	Total Credits						**22**	**500**

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SEMESTER V

1. INTRODUCTION TO ART & INTERIOR DESIGN (THEORY)

Programme /Class: B.Sc. in Interior Design	Year: Third	Semester: 6th
INTERIOR DESIGN		
Course Code: BSCID-501	Course Title: Introduction to Art & Interior Design (Theory)	

Course outcomes:

The student at the completion of the course will be able to:

- The course on History of development of Ancient Art and appreciation regarding past and current trends of the Arts.
- The knowledge of the Arts from Prehistoric to Modern day. To study different styles of Arts forms, sculptures through different eras. Learn the changes in Art forms as per the eras.
- Understanding various art forms, appreciation of art along with social and cultural influences on design.

Credits: 3	Core Compulsory
Max. Marks: 100	Min. Passing marks:

Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: =45

Unit	Topics	No. of Lectures = 45
I	**Development of Art** A Survey of History of Art Forms of Following Eras- **Prehistoric Art (Cave Art Or Parietal Art)** 1. Egyptian & Greek 2. Roman & Medieval 3. Chinese & Japanese 4. Renaissance & Mannerism 5. Baroque And Rococo 6. Neoclassic 7. Romantic And Realism **Roman & Medieval** 1. Chinese & Japanese 2. Renaissance & Mannerism 3. Baroque And Rococo 4. Neoclassic 5.Romantic And Realism	8+3+ 0 = 11
II	**Exploration of art forms** Study of traditional and contemporary art forms – painting, sculpture, architecture, decorative arts, design arts, digital art. Relationship between art and design from earliest time.	8+3+ 0=11
III	**Study of ornament in Interior Design.** Different types of ornamentation in the interiors. Study and evaluation of artifacts and historic examples and their applicability. to document artifacts, historical sites, and to understand them with respect to the surround environment.	8+3+ 0 = 11
IV	**General understanding of Interior Design** Role of Interior Designer in a building project. The changing role of Interior Designer, his relation with other consultants, contractors and client, technical knowledge and other skills required as inputs. Scope of Interior Design.	9+3+0 = 12

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Suggested Readings:

Sr. No.	Book	Author	Edition	Publication
1.	A history of Interior Design	John Pile and Judith Gura	2013	Wiley Publications
2.	History of Architecture	Sir Banister Fletcher		CBS Publishers & distributors. New Delhi
4	Art Deco Complete: The Definitive Guide to the Decorative Arts of the 1920s and 1930s	Alastair Duncan	2009	Harry N. Abrams

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:
Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will understand and explores traditional art forms. decorative elements and motifs throughout history in India across geographical locations. Creates understanding of social and cultural dimensions to interior design.

2. INTERIOR LANDSCAPE DESIGN (THEORY)

Programme/Class: B.Sc. in Interior Design	Year: Third	Semester: 5th
INTERIOR DESIGN		
Course Code: BSCID-502	Course Title: Interior Landscape Design (Theory)	

Course outcomes:
The student at the completion of the course will be able to:

- Understands the scope of landscape architecture and elements of landscape in interior spaces.
- Understands the impact of human activities on the environment and the role of architect in mitigating it.
- Understand History of Landscape Architecture
- Develop the drawings required to solve various landscape construction details (paving. Curbs. steps. roof garden. retaining walls).
- Understand effect of time on planting design.

Credits: 3	Core Compulsory
Max. Marks: 100	Min. Passing marks: 40

Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P=45

Unit	Topics	No. of Lectures = 45
I	**Interior landscaping** • Definition of landscape • Elements and Principles of landscape design and their various manifestations. • Classification of different types plants - Shrubs. trees, plants. ground cover. ➢ Indoor plants and their functions. layout & components. Floriculture – commercial. ornamental. Selection of plants. • Hardscape and Soft scape	9
II	**Physical requirements of plants** • Physical requirements of plants – light. temperature. water. planting medium. soil separator. weight of plants & maintenance. • Techniques to meet physical requirements. • Plant selection criteria in landscape based upon visual. functional. micro-climatic and ecological aspects. • Understanding effect of time on planting design.	9

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III	**Interior landscaping elements & principles** • Plants, rocks, artefacts, paving & lighting. Design guidelines- plant texture & colour, plant height, plant spacing. • cascades • Roof and Deck Landscape	9
IV	**Introduction to Landscape and climatology.** • Only Maine features of landscaping according to climatic conditions.	9
V	**Landscape Design Exercises for different situations.** • Introduction to **Design Concept development** • Design exercise of landscaping. • Conceptual zoning of landscape areas. • Conceptualization of different zones and materials required for it. • Segregation of hardscape & softscape.	9

Suggested Readings:

S.No.	Book	Author	Edition	Publication
1	Time saver standards for landscape architecture			
2.	Planting design	TheodoreD.Walker		VNR Publications, New York
3.	Landscaping Principles and Practices	Jack E.Ingels		Ingels,Delmar Publishers.

Suggested Digital Platform:
https://happho.com/design-types-indoor-landscaping/
https://in.pinterest.com/botanicusgreen/interior-landscaping-design/
https://www.rios.com/interior-landscapes/

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:
Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior design Landscaping.

3. DESIGN STUDIO-IV (PRACTICAL)

Programme/Class: B.Sc. in Interior Design	Year: Third Year	Semester: 5th
INTERIOR DESIGN		
Course Code: BSCID-511	Course Title: Design Studio-IV (Practical)	

Course outcomes:
The student at the completion of the course will be able to:
- Understand the process of literature study and case study analysis in design projects.
- To understand all the dynamics involved within the design problem introduced.
- To learn to transfer the conceptual idea into drawings & prepare technical design drawings for a workspace and detailed design
- To impart an understanding of perception of interior space of residential project through design elements.
- Learn about spatial planning of a given residence design exercise.

Credits: 6 (12)	Core Compulsory
Max. Marks: 100	Min. Passing marks: 40

Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: -90

Unit	Topics	No. of Lectures = 90

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I	**Introduction to Design Process** • Introduction of design problem • Lecture on basic design process including user needs, program analysis, area analysis, market survey, site analysis etc. • Discussion based on the existing exercise and the understanding of students.	10
II	**Introduction to design Project –Commercial office** • To introduce to students, the design of a building with complexities related to workspaces, services, structures and site planning. • Literature/Case Studies & Standards. ➢ Understanding Project Brief/ Drawing of Spaces & Area/ Requirement and how to read a project brief. Which includes interior designing of a commercial office. • Design Concept -Developing concepts for the design project. • Layout Plans & drawings – Plan, Sectional Elevation, furniture layout, detailed interior drawings, Isometric view and 3D Model.	40
III	**Introduction to design Project –GYM (Gymnasium)** • To introduce to students, the design of a building with complexities related to workspaces, services, structures and site planning. • Literature/Case Studies & Standards. ➢ Understanding Project Brief/ Drawing of Spaces & Area/ Requirement and how to read a project brief. Which includes interior designing of a Gym. • Design Concept -Developing concepts for the design project. • Layout Plans & drawings – Plan, Sectional Elevation, furniture layout, detailed interior drawings, Isometric view and 3D Model.	40

Project:-model Submission in concern to design studio. {Develop to Commercial office & GYM (Gymnasium)}

Suggested Readings:

Sr. No	Book	Author	Edition	Publication
1.	Interior Design Reference Manual.	Ballast, David Kent	2010	Belmont, CA: Professional Publications Inc.
2.	Time Saver Standards for Interior Design and Space Planning	Martin Zelnik and Julius Panero	Latest	
3.	Furniture Design and Construction for the Interior Designer.	Natale, Christopher	2009	New York: Fairchild Books.
4.	Furniture: 50 Real-Life Projects Uncovered.	Saville, Laurel and Stoddard, Brooke.	2008	Minneapolis, MN: Rockport Publishers.

Suggested Digital Platform:

https://kraftivo.in/interior-design-guide/

https://www.declad.com/the-thinking-hand-existential-and-embodied-wisdom-in-architecture-by-juhani-pallasmaa

https://in.pinterest.com/erinloechner/interior-design-ideas/

https://www.decorilla.com/design-consultation/signup?from=blog-interior-design-websites-banner-side

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:
Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior design.

4. COMPUTER IN DESIGN-III |GOOGLE SKETCHUP| (PRACTICAL)

Programme/Class: B.Sc. in Interior Design	Year: Third	Semester: 5th
INTERIOR DESIGN		

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Course Code: BSCID-512	Course Title: Computer in Design-III [Google Sketchup] (Practical)

Course outcomes:

The student at the completion of the course will be able to: Computer in Design-III [Google Sketchup] (Practical)

- Learn how to render the given drawing digitally.
- To develop the skill of making perspectives of complex buildings and rendering them in different media.
- To develop or upgrade an understanding about AutoCAD 3D, as an important tool for drafting, designing, analyzing and representation of the drawings in a desired manner.

Credits: 3(6)	Core Compulsory
Max. Marks: 100	Min. Passing marks: 40

Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 45

Unit	Topics	No. of Lectures=45
1	**Introduction to SketchUp.** • **How to navigate:** Title bar, menu bar, getting started toolbar, drawing area, status bar, measurements box, default panels. Panels menus and tools overview: How to use SketchUp tools (Quick Reference Card) Setting up tools panels and preferences Saving and reopening a model (Backing up).	1-0-14=15
2	**Quick Start:** Creating 3D Elements Drawing shapes Adding volume Moving elements Transforming elements Adding textures and colors Navigation with tools keys and mouse Orbit, zoom, pan Saving and exporting Core. Concepts 1 Select elements Modifiers keys Working with axis Managing units of measurement (set units and precision in the model info window) Standard views Perspectives Walk Look around Field of view Zoom extends Position	1-0-14=15
3	**Creating a 3D Model** (Drawing Lines, Shapes, and 3D Objects) Inference types and engine Drawing lines Creating and dividing faces Working with edges Healing deleted faces Finding and locking an inference Linear inferencing toggle Locking inferences with the keyboard Ensuring edges are aligned to axes Model and entity info Working with Shapes Drawing a rectangle, square, circle, ellipse, polygon, and shape View styles for edges and faces Selecting Editing shapes Adjusting the drawing axes Pushing and pulling shapes Drawing arcs Drawing freehand shapes Measurement tools Measuring angles and distances to model precisely Dividing, splitting, and exploding lines and faces Sticky modifiers Flipping, mirroring, rotating, and arrays Scaling and slicing models Using the follow me tool Softening, smoothing, and hiding geometry Offsetting a line from existing geometry.	1-0-14=15

Suggested Readings:

1. Bernard Alkins - 147, Architectural Rendering, Walter Foster Art Books, 1986.
2. Francis Ching, Architectural Graphics, Van Nostrand and Reinhold Company, NY 1975
3. IH. Morris, Geometrical Drawing for Art Students - Orient Longman, Madras, 2004.
4. Google SketchUp Pro 8 Step by Step - João Gaspar.
5. Architectural Design with SketchUp: 3D Modeling, Extensions, BIM, Rendering, Making, and Scripting -Alexander C. Schreyer

Digital Suggested: -

https://www.sketchup.com/book/real-world-google-sketchup-7

https://www.sketchup.com/book/einfach-sketchup-eine-gebrauchsanweisung

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:

Class Performance/Practical Exam/Submission/Viva/Attendance

Course prerequisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior design in Google Sketchup 3D software.

5. FURNITURE DESIGN-II (PRACTICAL)

Programme/Class: B.sc in Interior Design	Year: Third	Semester: 5th
INTERIOR DESIGN		

College of Fine Arts & Architecture PRINCIPAL Sikar

Course Code: BSCID-513	Course Title: Furniture Design-II (Practical)

Course outcomes:

- To impart the knowledge of various styles, systems and products available in the market.
- To identify different furniture systems.
- To learn to implement furniture design into design project.
- Understand the importance of furniture design into interiors.
- Understand the different types of manufacturing process.
- Develop an understanding for advanced furniture systems.
- To understand the Furniture Detailing, Construction & materials

Credits:3 (6)	Core Compulsory
Max. Marks: 100	Min. Passing marks:

Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 14-1-30=45

Unit	Topics	No. of Lectures Total=45
I	**Introduction to Furniture design** • Introduction to unit • Human factors, engineering and ergonomic considerations: principles of universal design and their application in furniture design, overview of Furniture categories, exploration of the idea of furniture. • Role of furniture in interior design.	2+0+0=2
II	**Manufacturing Processes** • Introduction to unit • Study case examples of the following types of manufacturing processes:-Injection, Molding, Investment casting, Sheet metal work, Diecasting, Blow- molding, Vacuum – Forming.	2+0+0=2
III	**Advanced Furniture Systems** • Furniture design for various context and spaces – residences, corporate, commercial etc. in terms of seating design; LCD Panel, Storage systems- kitchen cabinets, wardrobes, book shelves, showcases, Bed Designs for Adults and master bed room etc. • Multi-functional & space-saving furniture: modular approach to furniture design.	2+0+0=2
IV	**Furniture Detailing, Construction & materials** • Introduction to different materials, joinery details and manufacturing methods most frequently adopted in furniture design such as Molding, investment casting, sheet metal work, die casting, blow- molding, vacuum - forming etc. • Types of materials.	2+1+0=3
V	**Implementation in Design Problem** • Exercise oriented by innovative explorations, observation and constrains, to design furniture, by providing measured drawing – plan, elevation, Iso-metric view (3d) and detailing on full scale, supported by prototype.	2+0+0=2
VI	**Design Problem (Residential furniture)** • Cabinets (Kitchen) • wardrobes, • closets, • book shelves, • showcases, • Display systems etc.	2+0+15=17
VII	**Design Problem (Commercial Furniture)** • Reception Table • Conference table • M.D Table • Cabinets etc.	2+0+15=17

Project:-Article Submission in furniture design (Develop an artistic Furniture/ Model)

Suggested Readings:

Sr. No.	Book	Author	Edition	Publication
1.	The Encyclopaedia of Furniture	Joseph Aronson	Third Edition 1961	
2.	Mid-Century Modern: Interiors, Furniture, Design Details	Bradley Quinn	2006	

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3.	Furniture: A Concise History (World of Art)	Edward Lucie Smith	1985	Thames and Hudson

Suggested Digital Platform:
https://www.abebooks.com/9780517037355/Encyclopedia-Furniture-Third-Edition-Completely-0517037351/plp
https://www.barnesandnoble.com/w/mid-century-modern-bradley-quinn/1012336588
https://www.thriftbooks.com/w/furniture-a-concise-history-world-of-art_edward-lucie-smith/308521/

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:
Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior Design.

6. INTERNSHIP (PRACTICAL)

Programme/Class: B.Sc. in Interior Design	Year: Third	Semester: 5th
INTERIOR DESIGN		
Course Code: BSCID-514	Course Title: Internship (Practical)	

Course outcomes:
- To gain practical experience in real -world interior design projects.
- Develop a professional portfolio of completed design work.
- Enhance communication and presentation skills.
- Gain insights into the day-to-day responsibilities for an interior designer.
- Explore various design styles and materials area trends in the field.
- Acquire valuable feedback and mentorship from experienced designers.
- Improve time management and problem-solving abilities

Credits:4(8)	Core Compulsory
Max. Marks: 100	Min. Passing marks:

Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 60

Unit	Topics	No. of Lectures Total=90
I	**Practical Training (Internship)** • Student shall work for a period of 45 days in an office of Architect/Interior Designer/Product Designer approved by the institution. • Student shall be submitting weekly work report • Student shall be submitting critical appraisal of built projects • Student shall be submitting documentation of architectural details and site supervision of built projects. • Student will also have to submit the research as per the supervision by the Guide.	

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:
Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior Designs.

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SEMESTER VI

1. PROJECT MANAGEMENT & ESTIMATION (THEORY)

Programme/Class: B.Sc. in Interior Design	Year: Third	Semester: 6th
INTERIOR DESIGN		
Course Code: BSCID-601	Course Title: Project Management & Estimation (Theory)	

Course outcomes:

The student at the completion of the course will be able to:

- To learn about methods of calculating the cost of the project along with material requirements. Time & material management of a project.
- To make students understand the importance, techniques of estimating and costing and valuation.
- Understand the basic concepts and elements of project management.
- Understand the principles of network techniques used in project management and Explain CPM (Critical Path Method) and PERT (Program Evaluation and Review Technique).
- Understand units of measurement and rules of measurement used in estimation and Explain the requirements and procedures of estimation and costing.
- Calculate labour and material requirements for construction works.

Credits: 4	Core Compulsory
Max. Marks: 100	Min. Passing marks: 40

Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 60

Unit	Topics	No. of Lectures=60
1	**Elements of Management** • Project management & Planning • Project Scheduling • Project Monitoring	12+0+ 0 = 12
2	**Network Techniques** • CPM & PERT • Flow Chart • Earliest Event Time • Latest Allowable Occurrence Time	8+0+ 0 = 8
3	**ESTIMATE OF BUILDINGS** • Units Of Measurements • Rules For Measurement • Requirements Of Estimation and Costing • Procedure Of Estimating or Method of Estimating • Data Required to Prepare An • Estimate, Drawings, Specifications, Rates • Lumpsum Work Charged Establishment • Methods of Taking Out Quantities • Long Wall-Short Wall Method • Centre Line Method • Partly Centre Line and Partly Cross Wall Method • Detailed Estimate • Factors To Be Considered While Preparing Detailed Estimate • Data • Fixing Of Rate Per Unit of An Item • Methods Of Preparation of Approximate Estimate • Plinth Area Method • Cubical Contents Method • Methods of calculating the cost of the project along with total material requirements.	270+0+0=27

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4	**ESTIMATE OF OTHER STRUCTURES** • Estimating of septic tank with soak pit • Form Work • Steel Reinforcement • Structural Steel • Damp Proof Course • Brick Work • Schedule Of Rates • Procedure Of Rate Analysis • Requirement Of Labour and Materials • Methods of Estimation-Load bearing and framed structures Calculation of quantities of brick work.RCC, PCC, Plastering, white washing, colour washing and painting / varnishing for shops, rooms, residential building with flat and pitched roof.	18+0+ 0=18

Suggested Readings:

1. Dutta, B.N., "Estimating and Costing in Civil Engineering", UBS Publishers & Distributors Pvt.
2. Ltd., 2003
3. Kohli, D.D and Kohli, R.C., "A Text Book of Estimating and Costing (Civil)", S.Chand& Company Ltd., 2004
4. Roshan Namavati, Professional Practice (Estimation & Valuation), Lakhani Book depot
5. Roshan Namavati, Architectural Detailing in Residential Interiors, Lakhani Book depot
6. C M Pitrowski, Professional Practice in Interior Design, Van Nostrand Reinhold
7. Harry Siegel, CPA, Alan Sigel, A Guide to Business Principle and Practices for Interior Designers,
8. Whitney library of design.
9. William R. Hall, Contract Interior Finishes, Whitney library.
10. William Rupp, Construction Materials of Interior Design, Whitney Library.

References

- PWD Data Book
- CPWD Schedule of rates
- TN schedule of rates

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:
Class Performance/Practical Exam/Submission/Viva/Attendance

Course prerequisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate the importance, techniques of estimating and costing and valuations and project management technique.
Note: Students are also expected to visit exhibitions, material manufacturers units, ongoing interior sites, attend seminars and presentations of consultants and vendors related to interior profession.

2. PROFESSIONAL PRACTICE (THEORY)

Programme/Class: B.Sc. in Interior Design	Year: Third	Semester: 6th
Interior Design		
Course Code: BSCID-602	Course Title: Professional Practice (Theory)	

Course outcomes:

- Understand the basics of professional practice and the difference between profession and professional behavior.
- Understand the code of conduct, role, responsibilities, and fee structure of an Interior Designer.
- Learn the basic procedure, types, and importance of tenders in professional projects.
- Understand the basics of contracts, proposals, and the Indian Contract Act used in design practice.
- understand arbitration procedures, dispute resolution methods, ethics, and leadership qualities.

Credits:4	Core Compulsory
Max. Marks: 100	Min. Passing marks:

Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 60

Unit	Topics	No. of Lectures Total=60
I	**Professional practice** • Introduction • study professional practice	5+0+0=5

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	• Difference Professional & profession	
II	**Code of Conduct IIID, Role of Interior Designer& Responsibilities** • Introduction • Code Of Conduct for Associate, Affiliate &Fellow Members • Code Of Conduct for Trade Members (Manufacturers & Suppliers) • Code Of Conduct for Tread Members Interior Furnishing Member. • Fee Structure of the designers	14+1+0=13
III	**Tenders (Basics Only)** • Introduction • Types of tenders, tender notice • To fill the tender document, Invitation of tender. • committee, Advantage & Dis-advantage	8+0+0=8
IV	**Contracts (Basics Only)** • Introduction • Indian Contract act-1972. • Types of contracts, Proposal.	8+0+0=8
V	**Arbitration& conciliation** • Introduction • Need, Need & arbitration agreement • Old arbitration in proceeding • Quasi –Arbitration, Old & new arbitration, Differences • Ethics And Leadership	8+1+0=9

Suggested Readings:

Sr. No.	Book	Author	Edition	Publication
1.	IIID	Ar. Premnath		
2.	Estimating, Tendering and Bidding for Construction Work	Adrian J. Smith		
3.	Tendering and Contracting Guidelines	Ahkam AL Taee		I Universe (Nov 11, 2021)

Suggested Digital Platform:
https://www.iiid.in/
https://link.springer.com/book/10.1007/978-1-349-13630-8/cover
https://www.scribd.com/book/539975446/Tendering-and-Contracting-Guidelines

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:
Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior Design.

3. DESIGN STUDIO-V (PRACTICAL)

Programme/Class: B.Sc. in Interior Design	Year: Third Year	Semester: 6th
INTERIOR DESIGN		
Course Code: BSCID-611	Course Title: Design Studio-V (Practical)	

Course outcomes:
The student at the completion of the course will be able to:
- Understand the process of literature study and case study analysis in design projects.
- To understand all the dynamics involved within the design problem introduced.
- To learn to transfer the conceptual idea into drawings & prepare technical design drawings for a workspace and detailed design
- To impart an understanding of perception of interior space of residential project through design elements.
- Learn about spatial planning of a given residence design exercise.

Credits: 6 (12)	Core Compulsory
Max. Marks: 100	Min. Passing marks: 40

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Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 90		
Unit	**Topics**	**No. of Lectures = 90**
I	**Introduction to Design Process** • Introduction of design problem • Lecture on basic design process including user needs, program analysis, area analysis, market survey, site analysis etc. • Discussion based on the existing exercise and the understanding of students.	4+0+ 0 =4
II	**Introduction to design Project –Boutique** • To introduce to students, the design of a building with complexities related to workspaces, services, structures and site planning. • Literature/Case Studies & Standards. ➢ Understanding Project Brief/ Drawing of Spaces & Area/ Requirement and how to read a project brief. Which includes interior designing of a Boutique. • Design Concept -Developing concepts for the design project. Layout Plans & drawings – Plan, Sectional Elevation, furniture layout, detailed interior drawings, Isometric view and 3D Model.	3+0+ 40 =43
III	**Introduction to design Project –Book Café/Salon** • To introduce to students, the design of a building with complexities related to workspaces, services, structures and site planning. • Literature/Case Studies & Standards. ➢ Understanding Project Brief/ Drawing of Spaces & Area/ Requirement and how to read a project brief. Which includes interior designing of a Book Café / Salon. • Design Concept -Developing concepts for the design project. • Layout Plans & drawings – Plan, Sectional Elevation, furniture layout, detailed interior drawings, Isometric view and 3D Model.	3+0+ 40 =43

Project:-model Submission in concern to design studio. (Develop to Commercial office & Book Café/Salon)

Suggested Readings:

Sr. No	Book	Author	Edition	Publication
1.	Interior Design Reference Manual.	Ballast, David Kent	2010	Belmont, CA: Professional Publications Inc.
2.	Time Saver Standards for Interior Design and Space Planning	Martin Zelnik and Julius Panero	Latest	
3.	Furniture Design and Construction for the Interior Designer.	Natale, Christopher	2009	New York: Fairchild Books.
4.	Furniture: 50 Real-Life Projects Uncovered.	Saville, Laurel and Stoddard, Brooke.	2008	Minneapolis, MN: Rockport Publishers.

Suggested Digital Platform:

https://kraftivo.in/interior-design-guide/
https://www.declad.com/the-thinking-hand-existential-and-embodied-wisdom-in-architecture-by-juhani-pallasmaa
https://in.pinterest.com/erinloechner/interior-design-ideas/
https://www.decorilla.com/design-consultation/signup?from=blog-interior-design-websites-banner-side

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:
Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior design.

4. FURNITURE DESIGN-III (PRACTICAL)

Programme/Class: B.sc in Interior Design	Year: Third	Semester: 6th

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INTERIOR DESIGN

Course Code: BSCID-612	Course Title: Furniture Design-III (Practical)

Course outcomes:

- Understand the importance of furniture design into interiors.
- Understand the different types of manufacturing process.
- Develop an understanding for advanced furniture systems
- Develop a better understanding about furniture design through case specific examples.
- Get efficient enough to apply the knowledge for current project & develop furniture designs for the same.

Credits:4 (8)	Core Compulsory
Max. Marks: 100	Min. Passing marks: 40

Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 60

Unit	Topics	No. of Lectures Total=60
I	**Introduction to Furniture design** • Introduction of unit • Role of furniture in interior design. • Design approaches in furniture design.	3+0+0=3
II	**Manufacturing Processes** • Introduction of unit Study case examples of the following types of manufacturing processes: - Injection. Molding. Investment casting. Sheet metal work. Die casting. Blow-molding. Vacuum – Forming.	3+0+0=3
III	**Advanced Furniture Systems** • Introduction of unit • Furniture design for large scale multi-functional spaces – Mobility & Physical Impairment & Eco-Friendly Furniture) • Conclusion and summary of unit.	3+0+0=3
IV	**Furniture Case-studies** • Introduction of unit • Study innovative & advanced contemporary furniture designs (seating / storage). • Conclusion and summary of unit.	3+0+2=5
V	**Design Problem Designing furniture for special need** (Mobility & Physical Impairment) • Kids Furniture • Adult Furniture etc. • Plan. Elevation. section & 3d/Isometric View	3+0+20=23
VI	**Eco Friendly Furniture** • Design using different materials like bamboo. strings. cardboard etc. • Plan. Elevation. section & 3d/Isometric View	3+0+20=23

Project:-Article Submission in furniture design (Develop an artistic Furniture/ Model)

Suggested Readings:

Sr. No.	Book	Author	Edition	Publication
1.	The Encyclopaedia of Furniture	Joseph Aronson	Third Edition 1961	
2.	Mid-Century Modern: Interiors. Furniture. Design Details	Bradley Quinn	2006	
3.	Furniture: A Concise History (World of Art)	Edward Lucie Smith	1985	Thames and Hudson

Suggested Digital Platform:

https://www.abebooks.com/9780517037355/Encyclopedia-Furniture-Third-Edition-Completely-0517037351/plp

https://www.barnesandnoble.com/w/mid-century-modern-bradley-quinn/1012336588

https://www.thriftbooks.com/w/furniture-a-concise-history-world-of-art_edward-lucie-smith/308521/

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:

Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is 10+2 with any subject

PRINCIPAL

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior Design.

5. SEMINAR (PRACTICAL)

Programme/Class: B.Sc. in Interior Design	Year: Third	Semester: 6th
INTERIOR DESIGN		
Course Code: BSCID-613	Course Title: Seminar (Practical)	

Course outcomes:

- To acquaint the students with latest trends and technologies prevailing in the subjects.
- To develop presentation skills in the students by preparing on the topic of their curriculum of study.
- Make the student capable of being a research associate.

Credits:4 (8)	Core Compulsory
Max. Marks: 100	Min. Passing marks:
Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 60	

Unit	Topics	No. of Lectures Total=60
I	**Research Formulation** • Research Formulation: The students of the pre final year are required to undertake research on a topic related to the field of spatial planning on issues emerging out of the present trends and future prospects of the Thesis Project selected. The Thesis Project should be sufficiently large and complex so that student can demonstrate the Skills and Knowledge acquired during the course.	
II	**Research Design** • Once the problem is formulated the student has to undertake extensive literature survey.	
III	**Research Data** • Data shall be collected keeping in mind the cost, time and other resources. Primary data can be collected either through experiment, through survey or by observation such as personal interviews, telephonic interview, mailing of questionnaire or through schedules. Secondary data such as census data, literature studies, unpublished or published thesis or dissertation can be collected.	
IV	**Research Analysis & Report** • The analysis of data requires a number of closely related operations such as establishment of categories. The application of these categories to see data through coding, tabulation and then drawing statistical inference. • Define strategy to address these issues in the design proposal. Prepare a report of what has been done. The interior layout of the report should be as follows: • The preliminary pages, the main text and end matter. • The preliminary pages carry title, declaration, certificate, acknowledgement, list of illustration & tables. • The main text of the report should have introduction, review of literature & methodology. The end matter will include glossary and annexure.	
V	**Thesis Seminar** • Criteria of selection of the site for the thesis project and justification for how the project will support the conceptual idea for the project. • Mood board, zoning regulators & standards applicable to the project.	

Suggested Readings:

S.No.	ReferenceBook	Author	Edition	Publication
1	Research methodology for Interior design	Dana E. Vaux	1st	Routledge (6 August 2020)
2	Architectural Research Methods	Groat L., Wang D.	2nd	John Wiley & Sons, Inc
3	Methodology of Research and issues in Education	Shinde S.P. (Dr.)		Surabhi Educational Society, Aurangabad

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Suggested Digital Platform: *https://www.routledge.com/Research-Methods-for-Interior-Design-Applying-Interiority/Vaux-Wang/p/book/9780367139490* *https://www.wiley.com/en-us/Architectural+Research+Methods%2C+2nd+Edition-p-9780470908556* *https://www.shiksha.com/college/surabhi-educational-society-madhapur-hyderabad-2853*
This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.
Suggested Continuous Evaluation Methods: Class Performance/Practical Exam/Submission/Viva/Attendance
Course pre requisites: The eligibility for this paper is 10+2 with any subject
At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior Design.

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HONORS IN INTERIOR DESIGN

Program Outcomes (POs)

- The candidate will get an in-depth knowledge of the subject matter into which he/she is enrolled.
- The candidate will be able to get employment and establish their own studios after the completion of the course.
- Avenues in Research will be open for the candidates taking Honors ID.
- Students learn about the Designing, materials, new product development process.
- The student will be able to implement the course learnt into the profession.

Program Specific Outcomes (PSOs)

At the end of program following outcomes are expected from students:

- Have developed knowledge and understanding in Journalism, writing articles. Sustainability in design. Human resource management methods.
- Be able to Design for Education building Interiors from small School Mobility & Physical Impairment.
- To understand the basic properties of green and sustainable buildings & its importance in today's world.
- Understanding the basic elements of climatology and building bylaws to create comfortable living.

SEMESTER-VII

S.No.	Name of Course	Type of Course	Paper Code	L	T	P	Credits	Marks
1	Elements of Green Building	MJC-16	BSCID-701	3	-	-	3	100
2	Research Methodology	MIC-10	BSCID-702	3	-	-	3	100
3	Design Studio-VI	MJC-17	BSCID-711	-	-	8	4	100
4	Research project (PR)/ Dissertation -I	PR-1	BSCID-713	-	-	12	6	100
5	Model Making	MJC-18	BSCID-712	-	-	8	4	100
6	Internship	INT-2	BSCID-714	-	-	8	4	100
	Total Credits						24	600

SEMESTER-VIII

S.No.	Name of Course	Type of Course	Paper Code	L	T	P	Credits	Marks
1	Universal design	MIC-11	BSCID-801	3	-	-	3	100
2	Climatology	MIC-12	BSCID-802	3	-	-	3	100
3	Design Studio-VII	MJC-19	BSCID-811	-	-	8	4	100
4	Research project (PR)/ Dissertation -II	PR-2	BSCID-813	-	-	12	6	100
5	3Dx Max	MJC-20	BSCID-812	-	-	8	4	100
	Total Credits						20	500

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SEMESTER VII

1. ELEMENTS OF GREEN BUILDING

Programme/Class: Honors in Interior Design	Year: Forth	Semester: 7th
INTERIOR DESIGN		
Course Code: BSCID-701	Course Title: Elements of Green Building	

Course outcomes:

- Learn about green buildings and their uses in interior.
- Learn about Eco-friendly materials, types, application, advantages & disadvantages and their uses.
- Learn about green buildings and their uses and technologies in interior
- To learn about various sustainable design parameters and materials.

Credits:3	Core Compulsory
Max. Marks: 100	Min. Passing marks:

Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 45

Unit	Topics	No. of Lectures Total=45
I	**Green building technology** • Introduction to unit • Meaning, concept, • impact of green building on human health and natural environment, • Importance and benefits of green buildings. • Need & Benefits of Green Interiors	12+1+0=13
II	**Materials and finishes used in green building** • Introduction to unit • Types of material Bamboo, straw, wood dimension stone, Recycled stone, non-toxic metals, Earth blocks-compressed, rammed, baked; vermiculites, flax linen, sisal, wood fibres, cork, coconut, polyurethane block.	11+1+0=12
III	**Green building practices and technologies-** • Introduction to unit • Norms, agencies, • parameters & application	9+1+0=10
IV	**Sustainable buildings-** • Introduction • concept, norms to achieve the same	9+1+0=10

Suggested Readings:

1. Elements of green building by "SAM KUBBA" Publisher

S.No.	Book	Author	Edition	Publication
1	Elements of green building	SAM KUBBA	1st	Butterworth-Heinemann (30 July 2012)
2	Green Building And Construction	SAM KUBBA		Butterworth-Heinemann2017
3	Integrated approach to sustainable Development	B.C.Bose		Rajat Publications, Delhi

Suggested Digital Platform:

https://shop.elsevier.com/books/handbook-of-green-building-design-and-construction/kubba/978-0-12-385128-4
https://www.gale.com/ebooks/9780128104439/handbook-of-green-building-design-and-construction-leed-breeam-and-green-globes

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:
Class Performance/Practical Exam/Submission/Viva/Attendance

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Course pre requisites: The eligibility for this paper is 10+2 with any subject
At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior Design.

2. RESEARCH METHODOLOGY

Programme/Class: Honors in Interior Design	Year: Forth	Semester: 7th
INTERIOR DESIGN		
Course Code: BSCID-702	Course Title: Research Methodology	

Course outcomes:

- To understand the concept of research design.
- To understand the concept of sampling.
- To understand the concept of tools and techniques used in research.
- To understand the process of research.
- To understand how to plan the research subject.

Credits:3	Core Compulsory
Max. Marks: 100	Min. Passing marks:

Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 45

Unit	Topics	No. of Lectures Total=45
I	**Introduction to Research and Problem Definition** • Introduction to unit • Meaning, Objective and importance of research, • Types of research, steps involved in research, • defining research problem	11+1+0=12
II	**Research problem** • Introduction to unit • Research design, Methods of research design, • research process and steps involved, • Literature Survey	12+1+0=13
III	**Data Collection** • Introduction to unit • Classification of Data, Methods of Data Collection, Sampling, • Sampling techniques procedure and methods, • Ethical considerations in research	9+1+0=10
IV	**Data Analysis and interpretation** • Introduction to unit • Data analysis, Statistical techniques and choosing an appropriate statistical technique, • Hypothesis, Hypothesis testing, Data processing software (e.g. SPSS etc.), • statistical inference, Interpretation of results	9+1+0=10
V	**Technical Writing and reporting of research** • Introduction to unit • Types of research report: Dissertation and Thesis, • research paper, review article, short • communication, conference presentation etc., • Referencing and referencing styles, Research Journals, • Indexing and citation of Journals, Intellectual property, Plagiarism	

Suggested Readings:

1. C. R. Kothari, Gaurav Garg, Research Methodology Methods and Techniques, New Age International publishers, Third Edition.
2. Ranjit Kumar, Research Methodology: A Step-by-Step Guide for Beginners, 2nd Edition, SAGE, 2005
3. Business Research Methods – Donald Cooper & Pamela Schindler, TMGH, 9th edition

Suggested Digital Platform:

https://thebookshoponline.com/new-age-international-publishers-research-methodology-methods-and-techniques-3rd-

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edition-english-paperback-by-c-r-kothari-and-gaurav-garg.html *http://www.sociology.kpi.ua/wp-content/uploads/2014/06/Ranjit_Kumar-Research_Methodology_A_Step-by-Step_G.pdf* *https://books.google.com/books/about/Business_Research_Methods.html?id=-nk8MQAACAAJ*
This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.
Suggested Continuous Evaluation Methods: Class Performance/Practical Exam/Submission/Viva/Attendance
Course pre requisites: The eligibility for this paper is 10+2 with any subject
At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior Design.

3. DESIGN STUDIO-VI (PRACTICAL)

Programme/Class: Honors in Interior Design	Year: Fourth Year	Semester: 7th
INTERIOR DESIGN		
Course Code: BSCID-711	**Course Title: Design Studio-VI (Practical)**	

Course outcomes:

The student at the completion of the course will be able to:

- Observe, research, document, and apply ergonomic and anthropometric aspects of Interior Design with respect to individual spaces. Understand the importance of case studies, and learn to do so.
- To learn to transfer the conceptual idea into drawings & prepare technical design drawings for design problem.
- Detailed design implementation
- To apply the various theories and innovative techniques in design projects and also develop the final design from the conceptual theme.
- To learn the student about the fundamental of designing based on energy efficient building and practical application of the same in spatial planning for a Residence.

Credits: 4 (8)	**Core Compulsory**
Max. Marks: 100	**Min. Passing marks: 40**

Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 60

Unit	Topics	No. of Lectures = 60
I	**Introduction to Design Process** • Introduction of design problem. Lecture on basic design process including user needs, program analysis, area analysis, market survey, site analysis and research about energy efficiency techniques. • Discussion based on the existing exercise and the understanding of students.	2+0+ 0 =2
II	**Introduction to design Project – Energy Efficient Building Design for Residence (G+2)** • To introduce to students, the design of a building with complexities related to workspaces, services, structures, innovative techniques of energy efficient building for residence and site planning. • Literature/Case Studies &research work for energy efficient building. ➢ Understanding Project Brief/ Drawing of Spaces & Area/ Requirement and how to read a project brief. Which includes interior designing of anEnergy Efficient Building Design for residence. • Design Concept -Developing concepts for the design project. Layout Plans & drawings – Plan, Sectional Elevation, furniture layout, detailed interior drawings, furniture design details, services drawing, Isometric view and 3D Model.	1+0+ 57 = 58

Project: - model Submission in concern to design studio. [Develop to Energy Efficient Building Design for Residence (G+2)]

Suggested Readings:

S.No.	Book	Author	Edition	Publication
1	Material Revolution Sustainable and Multi-Purpose Materials for Design and Architecture	Dr. Sascha Peters	2011	Birkhauser Architecture
2.	Energy efficient buildings- Architecture.	Dean Hawkes	2003	W.W. Norton &

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5. MODEL MAKING

Programme/Class: Master in Interior Design	Year: First	Semester: 1st
INTERIOR DESIGN		
Course Code: MSDID-104PC1	Course Title: Model Making	

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Objective_

- To understand the use of sketch up to create various elements of building & to represent them graphically in 3 dimension.

Course outcomes:

The student at the completion of the course will be able to:

- Model object using a variety of techniques.
- Create 3D models using Autodesk 3DS Max.
- Design and apply material.
- Adjust basic lighting.
- To enhance the computing skills of the students.
- Develop an understanding of AutoCAD as a vital tool that aids the designer in visualizing, detailing, costing and presenting interior design projects.
- Understand the role of 3DS Max in the ongoing evolution of the practice of Interior design.

Credits:4 (8)	Core Compulsory
Max. Marks: 100	Min. Passing marks:40

Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P:

Unit	Topics	No. of Lectures=60
I	Introduction of Model Making ✓ This course aims to develop fabrication techniques and model building skills, making use of the commonly used materials and prototyping methods to build realistic ,3-dimensional working models. Students will have the chance to experiment with the commonly preferred equipment, tools and materials for model making.	10
II	Model Making for Energy Efficient building as designed in Design Studio ✓ have learned different types of models (i.e. mock-up models, white models, interactive models and prototypes) and for what purposes each of these models are being used. ✓ have learned the most commonly used model making methods, equipment, tools and materials. ✓ have practiced various model making techniques and have worked with various materials. ✓ be able to make model making decisions on their own, including what materials and production methods should be preferred for any given project. ✓ have practiced hands-on working techniques and craftsmanship skills. ✓ have experience working with rapid prototyping methods including CNC, laser cut and 3D printing.	10
III	3-dimensional working models. Project:-Model/Article Submission in concern to the Subject.(Develop 1 artistic articles)	40

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Suggested Readings:

Sr. No.	Book	Author	Edition	Publication
1.	Model Making: A Basic Guide	Martha Sutherland	September 17th, 1999	W. W. Norton & Company
2.	Model Making: Manufacturing Techniques for ProductDesign.	Lefteri	Chris (2012).	Laurence King Publishing, London.
3	Model Making.	Werner	Megan (2011).	New York, USA: PrincetonArchitectural Press
4.	Product Design.	Rodgers, P. and Milton	A. (2011).	London. Laurence King Publishing.

https://dianesbooks.com/book/9780393730425

https://taller4a.files.wordpress.com/2015/11/making-it.pdf

https://www.amazon.in/Model-Making-Architecture-Brief-Werner/dp/1568988702

https://www.sanfoundry.com/best-reference-books-model-making/

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:
Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is Bachelors in Interior Design with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior design & detail drawings with the help of 3d Model.

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	Engineering and Environment			Company

Suggested Digital Platform:
https://www.energy.gov/energysaver/efficient-home-design
https://www.archdaily.com/886414/8-new-energy-efficient-materials-architects-should-know

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:
Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior design.

5. Research project (PR)/ Dissertation -I (PRACTICAL)

Programme/Class: Research in Interior Design	**Year: Fourth**	**Semester: 7th**
INTERIOR DESIGN		
Course Code: B.Sc ID-713	**Course Title: Research Project- I** (Synopsis)	

Course outcomes:
By the end of the course, students should be able to:

1. Select a focused and relevant research topic within the Textile design and textiles domain.
2. Conduct thorough research by analyzing scholarly articles, research papers, and other relevant sources.
3. Synthesize information to develop a well-structured research report.
4. Demonstrate advanced critical thinking skills through the analysis and interpretation of research literature.
5. Apply ethical principles and academic rigor in research and reporting.

Credits: 6 (12)	**Core compulsory**
Max. Marks: 100	**Min. Passing marks: 40**

Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 0-0-0=

Unit	Topics	No. of Lectures=90
I	**Introduction and Topic Selection** • Overview of the course objectives, expectations, and assessment criteria. • Guided discussion on selecting a suitable research topic and refining research questions. • Formulation of research proposals and approval of topics.	20
II	**Literature Review and Source Analysis** • Understanding scholarly articles and research papers: types, credibility assessment, and citation practices. • In-depth exploration of existing research relevant to selected topics. Identifying key theories, concepts, methodologies, and research gaps.	25
III	**Research Methodology and Data Collection** • Exploration of research methodologies, both quantitative and qualitative, applicable to fashion design and textiles. • Formulation of research methodologies tailored to individual research questions. • Ethical considerations and strategies for data collection.	23
IV	**Final Presentations and Submission** • Each student presents their research findings to the class, followed by Q&A sessions. • Submission of the final research report, reflecting revisions based on presentation feedback.	22

Recommended Resources:

- Online academic databases (e.g., JSTOR, IEEE Xplore, Science Direct).
- Fashion and textile research journals.
- Textile and fashion-related conferences and symposiums.

Mandatory for all the students of Textile designing Course.

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Suggested Continuous Evaluation Methods: • Class Performance/Practical Exam/Submission/Viva/Attendance
Course pre requisites: The eligibility for this paper is Bachelor in Textile Design
At the End of the whole syllabus any remarks/ suggestions: Students will be able to conduct comprehensive research

6. INTERNSHIP-II(PRACTICAL)

Programme/Class: B.Sc. in Interior Design	Year: Third	Semester: 7th
INTERIOR DESIGN		
Course Code: BSCID-714	Course Title: Internship (Practical)	

Course outcomes:

- To gain practical experience in real -world interior design projects.
- Develop a professional portfolio of completed design work.
- Enhance communication and presentation skills.
- Gain insights into the day-to-day responsibilities for an interior designer.
- Explore various design styles and materials area trends in the field.
- Acquire valuable feedback and mentorship from experienced designers.
- Improve time management and problem-solving abilities

Credits:4(8)	Core Compulsory
Max. Marks: 100	Min. Passing marks:

Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P=60

Unit	Topics	No. of Lectures Total=60
I	**Practical Training (Internship)** • Student shall work for a period of 45 days in an office of Architect/Interior Designer/Product Designer approved by the institution. • Student shall be submitting weekly work report • Student shall be submitting critical appraisal of built projects • Student shall be submitting documentation of architectural details and site supervision of built projects. • Student will also have to submit the research as per the supervision by the Guide. • Learn to effectively document the acquired industrial exposure as well as know-how of latest trends and working tools and techniques.	

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.
Suggested Continuous Evaluation Methods: Class Performance/Practical Exam/Submission/Viva/Attendance
Course pre requisites: The eligibility for this paper is 10+2 with any subject
At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior Designs.

SEMESTER VIII

1. UNIVERSAL DESIGN (THEORY)

Programme/Class: Honors in Interior Design	Year: Fourth	Semester: 8th
INTERIOR DESIGN		
Course Code: BSCID-801	Course Title: Universal Design (Theory)	

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Course outcomes:
The student at the completion of the course will be able to:

- To learn about inclusive design.
- To understand the principles of universal design.
- To understand the problems faced by both and design for comfort.
- To learn about the benefits of universal design.

Credits: 3	Core Compulsory
Max. Marks: 100	Min. Passing marks: 40

Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: = 45

Unit	Topics	No. of Lectures=45
1	**Introduction** • Terminology • Concepts about Universal Design. • Awareness of the concept of in design education Universal Design	10+1+ 0 = 11
2	• Importance of Universal Design in planning • Principles of Universal Design	9+1+ 0 = 10
3	**Ergonomic & Universal Design, Universal Design, human adaption ability**	13+1+ 0 = 14
4	**Characteristic of Universal Design** • Benefits & Application of Universal Design	9+1+ 0 = 10

Suggested Readings:

1. Universal Design - Creating Inclusive Environments by E Steinfeld
2. Universal design Handbook 2nd Edition by WOLFGANG F. E. P REISER is Emeritus Professor of Architecture. University of Cincinnati

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:
Class Performance/Practical Exam/Submission/Viva/Attendance

Course prerequisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to Understanding the principles of universal design. To understand the problems faced by both and design for comfort.

2. CLIMATOLOGY (THEORY)

Programme/Class: Honors in Interior Design	Year: Fourth	Semester: 8th
INTERIOR DESIGN		
Course Code: BSCID-802	Course Title: Climatology (Theory)	

Course outcomes:
The student at the completion of the course will be able to:

- Understanding the basic elements of climatology.
- Understanding the building by laws to create comfortable living.
- To understand the basic guiding elements to design as per the climate of the region.
- To understand the importance for human comfort in interior space through natural elements.
- To understand the basic guiding elements to design as per the climate of the region.

Credits: 3	Core Compulsory
Max. Marks: 100	Min. Passing marks: 40

Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 45

Unit	Topics

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1	**Introduction-** • Global Climatic factors. • Elements of Climate, impact, and issues of climatic balance in traditional and contemporary built environments	6+0+0=6
2	**Site & building design** • Site Selection. • Site Planning. • Building Orientation and Placement. • Effect of Landscaping	8+0+0=8
3	**Sun & building design** • Orientation of sun, sun control. • Basic Principles of Heat Transfer. • heat flow within the buildings. • Day lighting, design of opening and shading devices. • Climate and material choices, colour and textile choices for interior spaces.	10+0+0=10
4	**Wind & building design.** • Wind effect • Air Flow Pattern. • Ventilation Techniques. • Air movement around the buildings.	8+0+0=8
5	**Bio-Climatic Approach:** • Human Comfort. • Thermal Comfort Factors. • Physiological comfort. • Bioclimatic Requirements. • Relation of climatic elements to comfort. • Impact of External forces on Building	8+0+0=8
6	**Building by-laws,** • Terminology. • local laws, Norms, fire norms, law enforcement agencies etc.	5+0+0=5

Suggested Readings:

1. koine Berger, O. Tropical climate.
2. Krishan, Arvind. Climate Responsive Architecture.
3. Brown, G.Z. Sun Wind & Light.
4. Olgyay, V. design with Climate.
5. Yeang, Ken. Designing with Nature: The Ecological basis for Architecture Design.

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:
Class Performance/Practical Exam/Submission/Viva/Attendance

Course prerequisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to Understanding the basic elements of climatology and building bylaws to create comfortable living.

3. DESIGN STUDIO-VII (PRACTICAL)

Programme/Class: Honors in Interior Design	Year: Fourth Year	Semester: 8th
INTERIOR DESIGN		
Course Code: BSCID-811	**Course Title: Design Studio-VII (Practical)**	

Course outcomes:

The student at the completion of the course will be able to:

- Learn to integrated all the above learning into creative design output and give comfortable design for the differently abled persons.
- To include a deeper understanding of inclusive design principles, increased awareness of the specific needs and challenges faced by differently abled children, improved problem-solving skills to address those needs.
- To enhance empathy towards creating accessible and supportive environment.

Credits: 4 (8)	Core Compulsory

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Max. Marks: 100	Min. Passing marks: 40

Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: =60

Unit	Topics	No. of Lectures = 60
I	**Introduction to Design Process** • Introduction of design problem • Lecture on basic design process including user needs, program analysis, area analysis, market survey, site analysis and research about energy efficiency techniques. • Discussion based on the existing exercise and the understanding of students.	2+0+ 0 =2
II	**Introduction to design Project – Primary school for Differently abled Child** • To introduce to students, the design of a building with complexities related to workspaces, services, structures, innovative techniques for differently abled Child School. • Literature/Case Studies &research work for energy efficient building. ➢ Understanding Project Brief/ Drawing of Spaces & Area/ Requirement and how to read a project brief. Which includes interior designing according to differently abled Child? • Design Concept -Developing concepts for the design project. Layout Plans & drawings – Plan, Sectional Elevation, furniture layout, detailed interior drawings, furniture design details, services drawing, Isometric view and 3D Model.	1+0+ 57 = 58

Suggested Readings:

S.No.	Book	Author	Edition	Publication
1	Human dimension and interior space	Julius Panero and matin Zelnik	1979	Watson-Guptill, New York
2.	Residential Interior design for the elderly and physically challenged.	Gaur G.Ray & Lavanya Bachwal	2012	Shroff
3.	How to create interior for the Disabled	Jane Randolph cary	1st edition 1978	Pantheon

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design for differently abled.

Suggested Continuous Evaluation Methods:
Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior design.

4. RESEARCH PROJECT-II, DISSERATATION (PRACTICAL)

Programme/Class: Research Interior Design	Year: Fourth	Semester: Eight

Interior Design

Course Code: BSCID-812	Course Title: Research Project- II (Dissertation)

Course outcomes:

- By the end of the course, students should be able to:
- Select a focused and relevant research topic within the Interior Design.
- Conduct thorough research by analyzing scholarly articles, research papers, and other relevant sources.
- Synthesize information to develop a well-structured research report.
- Demonstrate advanced critical thinking skills through the analysis and interpretation of research literature.
- Apply ethical principles and academic rigor in research and reporting.

Credits:6 (12)	Core compulsory
Max. Marks: 100	Min. Passing marks: 40

Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 60-0-0=

Unit	Topics	No. of Lectures=90

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I	**Introduction and Topic Selection** • Overview of the course objectives, expectations, and assessment criteria. • Guided discussion on selecting a suitable research topic and refining research questions. • Formulation of research proposals and approval of topics.	15
II	**Literature Review and Source Analysis** • Understanding scholarly articles and research papers: types, credibility assessment, and citation practices. • In-depth exploration of existing research relevant to selected topics. • Identifying key theories, concepts, methodologies, and research gaps.	15
III	**Research Methodology and Data Collection** • Exploration of research methodologies, both quantitative and qualitative, applicable to fashion design and textiles. • Formulation of research methodologies tailored to individual research questions. • Ethical considerations and strategies for data collection.	15
IV	**Data Synthesis and Analysis** • Principles of effective presentation design. • Synthesizing collected data to draw meaningful conclusions. • Analytical techniques and tools used to interpret research findings. • Identification of patterns, trends, and insights within the research literature.	15
V	**Final Presentations and Submission** • Each student presents their research findings to the class, followed by Q&A sessions. • Submission of the final research report, reflecting revisions based on presentation feedback.	15
VI	**Reflection and Future Implications** • Students reflect on their research journey and its implications for their future careers. • Discussion on the role of research in fostering critical thinking, innovation, and advancement in the Interior Design industry.	15

Recommended Resources:

- Online academic databases (e.g., JSTOR, IEEE Xplore, Science Direct).
- Interior Design research journals.
- Interior Design-related conferences and symposiums.

Mandatory for all the students of Interior designing Course.

Suggested Continuous Evaluation Methods:

- Class Performance/Practical Éxam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is Bachelor in Interior Design

At the End of the whole syllabus any remarks/ suggestions: Students will be able to conduct comprehensive research

5. 3Ds MAX

Programme/Class: Honors in Interior Design	Year: Forth	Semester: 8th
INTERIOR DESIGN		
Course Code: BSCID-813	Course Title: 3Ds MAX	

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Course outcomes:

The student at the completion of the course will be able to:

- Model object using a variety of techniques.
- Create 3D models using Autodesk 3DS Max.
- Design and apply material.
- Adjust basic lighting.
- To enhance the computing skills of the students.
- Develop an understanding of AutoCAD as a vital tool that aids the designer in visualizing, detailing, costing and presenting interior design projects.
- Understand the role of 3DS Max in the ongoing evolution of the practice of Interior design.

Credits:4 (8)	**Core Compulsory**
Max. Marks: 100	**Min. Passing marks:40**

Total No. of lectures-Tutorials-Practical (in hours per week): L-T-P: 60

Unit	Topics	No. of Lectures=60
I	**Introduction of 3Ds Max** • Overview of 3DS Max software and its applications • Navigate the 3DS Max user interface and workspace • Familiarization with the user interface and navigation controls • Customizing the workspace for efficient modeling • Graphite Modeling tools set • Command pane	1-0-7=8
II	**Basic Modeling Techniques** • Creating and manipulating basic geometric primitives • Using transformation tools (move, rotate, scale) to modify objects • Understanding coordinate systems and pivot points	1-0-3=4
III	**Polygon Modeling** • Introduction to polygonal modeling techniques • Extrusion, beveling, and chamfering • Working with edge loops and smoothing groups	1-0-3=4
IV	**Introduction to Architectural and Interior/Exterior Modeling** • Overview of architectural and interior/exterior modeling in 3D • Principles of architectural design and spatial planning • Understanding blueprints, floor plans, and elevations • The slate material editor, Material types and Shade	1-0-9=10
V	**Advanced Modeling Techniques** • Creating complex architectural struct ures (stairs, railings, etc.) • Modeling interior elements (furniture, fixtures, etc.) • Detail modeling for interior/exterior objects and features	1-0-7=8
VI	**Interior Modeling and Detailing** • Modeling interior spaces (rooms, hallways, etc.) • Placing furniture and interior fixtures • Adding basic interior details and decorations	1-0-7=8
VII	**Introduction to Lighting for Interior lighting** • Three-point lighting • 3DS Max lighting • Lighting the still life in the Interior space • Selecting the shadow type • Atmospheres and effects, Light lister	1-0-9=10
VIII	**Exterior Modeling and Landscape** • Modeling exterior environments (buildings, landscapes, etc.) • Creating exterior architectural elements (roofs, facades, etc.) • Adding basic exterior details and natural elements	1-0-7=8

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Suggested Readings:

Sr. No.	Book	Author	Edition	Publication
1.	Principles Of Computer Programming	V. Rajaraman.		Prentice Hall of India
2.	Auto CAD Reference Manual		1998	Autodesk UNC

This Major (Course Paper) is compulsory for all the students those are taking admission in the course of Interior Design.

Suggested Continuous Evaluation Methods:
Class Performance/Practical Exam/Submission/Viva/Attendance

Course pre requisites: The eligibility for this paper is 10+2 with any subject

At the End of the whole syllabus any remarks/ suggestions: Students will be able to illustrate advance Interior design & detail drawings with the help of AutoCAD software.

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Meerut