



**CURRICULUM  
FOR  
“BACHELOR IN  
INTERIOR DESIGN  
(B.ID.)”  
w.e.f. Academic Year 2021-'22**

*॥ तमसो मा ज्योतिर्गमय ॥*

**VISION**

To provide equal opportunities for value based global education for creating an Enlightened Society

**MISSION**

To establish and facilitate educational institutions in the region for providing affordable value based global education to all who aspire to study and to create opportunities to educators, social workers and philanthropists to serve society



**SARVAJANIK  
UNIVERSITY**

INCLUSIVE | INTEGRATED | INNOVATIVE

*creating an enlightened society...*

**UNIVERSITY OFFICE**

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Constituent Institute:

**INSTITUTE OF DESIGN, PLANNING &  
TECHNOLOGY  
(IDPT – SCET)**



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CIE- Continuous Internal Evaluation, SE-Summative Evaluation (Jury/Viva/Theory Exam), TEE-Term End Evaluation,  
UE- University Exams (Jury/Viva/Theory Exam)



**Course Curriculum**  
**Bachelor in Interior Design**

The Course Curriculum proposed and drafted by **Academic and Curriculum Committee of Interior Design** under the Faculty of Architecture, Design and Planning in the meeting held on 10-12-2021 and recommended to '**BOARD OF STUDIES**' for approval.

**Prof. Rikta Desai**  
**Chairman, Academic**  
**& Curriculum Committee**  
**Interior Design**

Place of the meeting  
**Sarvajani University Office**

  
**Sign**

The proposed Course Curriculum was approved by **Board of Studies (Architecture, Design & Planning)** under the Faculty of Architecture, Design & Planning in the meeting held on 10-12-2021 and was recommended to the '**FACULTY**' for approval.

**Prof. Bhavna Vimawala**  
**Chairman, BOS -**  
**Architecture, design &**  
**Planning**

Place of the meeting  
**Sarvajani University Office**

  
**Sign**

The Course Curriculum approved by the **Faculty of Architecture, Design & Planning** in the meeting held on 10-12-2021 and was recommended to '**ACADEMIC COUNCIL**' for approval.

**Prof. Bhavna Vimawala**  
**Chairman & Dean,**  
**Faculty of Architecture**  
**Design & Planning**

Place of the meeting  
**Sarvajani University Office**

  
**Sign**

The Course Curriculum approved by the '**Academic Council of Sarvajani University**' in the meeting held on 10-12-2021.

**Prof. Persi Engineer**  
**Chairman, Academic Council**  
**& Hon'ble Provost,**  
**Sarvajani University**

Place of the meeting  
**Sarvajani University Office**

  
**Sign**

- The approved curriculum is with effect from the Academic year 2021-22 and to be reviewed before 2024 - '25

# **BACHELOR IN INTERIOR DESIGN**

Colourtex School of Interior Design

**INSTITUTE OF DESIGN PLANNING & TECHNOLOGY**

**(IDPT)**

Sarvajani College of Engineering & Technology-SCET

**SARVAJANIK UNIVERSITY**

**SURAT-GUJARAT INDIA**

**September 2021**



## FACULTY OF INTERIOR DESIGN

### PRELUDE

The Sarvajanik Education Society has a presence for more than 112 years in South Gujarat region. With the formation of Sarvajanik University under the aegis of Sarvajanik Education Society (SES), a greater impact on the educational scenario is expected.

Sarvajanik School of Interior Design (SSID) under the aegis of Faculty of Architecture, SCET was instituted in 2013 and is a self-financed educational institute offering Autonomous Diploma in Interior Design and Advanced Autonomous Diploma course in Interior Design, recognised by Institute of Indian Interior Designers; Mumbai. Since then, Faculty of Interior Design, SSID has earned a place at both, national and international level, as one of the premier institutions imparting holistic education for aspiring interior designers. Six batches have already graduated from SSID –SCET. The alumni have made remarkable contributions at national and international level both in practice as well as academics. A high percentage of students opting for graduate education is a marker of success of the institute and points to igniting a passion for continued learning.

Faculty of Architecture, SCET, now with the new name, Institute of Design Planning & Technology (IDPT), of Sarvajanik University is all set to start its voyage for the new era by becoming a constituent of the Sarvajanik University. A student centric choice based approach is the foundation of the formulation of the course along with liberal studies education which will become the distinctive attribute that, IDPT, SCET offers its students. Holistic personality development as well as an informed professional in the field of design, sensible and sensitive to issues of sustainability, is ensured through rendering an application and outcome-based learning throughout the program.

### Bachelor in Interior Design program

IDPT of Sarvajanik University, will have full time 4 years course offering Bachelor of Interior Design. The syllabus of Interior Design Course has been designed with a vision to make the programme more learner centric, competent to global demands, relevant to time and context and inclusive of subjects of liberal studies and transdisciplinary electives. A rich blend of experience and expertise, and strong faculty strength, will



mentor students in an industry-partnered, project-based learning experience to address social, cultural, technological and environmental challenges associated with the design of contemporary interior environments – the spaces in which we live, learn, work and play – in a dynamic changing world.

The unique delivery package is formulated to enable teachers to impart education that ensures synthesis of information and application of knowledge to develop design capabilities through the completion of industry-partnered interior design studios, core subjects, and electives that will support in identifying, evaluating and communicating key areas of interest, skills and expertise which will together form a profile of one's practice, enabling to position oneself within the design profession.

In a world flooded with data and information the graduate of IDPT, SCET will be able to synthesize information and convert it to knowledge, through a process rich in critical thinking and appropriate expression in keeping with the benevolent and progressive Sarvajanik tradition of Inclusive education, Diversity of students, Inculcation of respect, Civic participation and Community inclusivity, shall be seeded in the young minds that meet here. The distribution of courses ensures progressive development of student potential. Humanities, Liberal studies and life skills, a plethora of professional and open electives promote trans-disciplinary learning. An Integrated approach synonymous with trans-disciplinary understanding is crucial to encourage Integrated and critical thinking, to build linkages between diverse academic inputs and practices. Students will utilize varied contradictory perspectives to understand current problems and positions contextually and seek integrated solutions to build a Happy Society, intrinsic to the stated Vision. Various professional ability and skill enhancement subjects are ensured to build a balanced syllabus. Such a syllabus for B. ID allows students to chalk out their own roadmap as per interests and emerge as unique and responsible interior designers with a keen sensibility for societal issues.

Innovation is valued as a catalyst to growth. Through innovative approaches to pedagogy, the transaction of curriculum will be based on the principle of joyful learning thereby achieving better learning outcomes. The aim of the program is to develop each budding designer's metacognitive skills, manage learning strategies and direct the learning processes towards meaningful design solutions.



**VISION:**

To strive towards creating responsive Built Environment and self-sustainable communities through 'Design Education' for creating a progressive and happy society

**MISSION:**

To excel with passion in Teaching-Learning, Research and Consultancy for shaping of innovative and ethical design professionals competent to negotiate and mitigate social complexities, environmental challenges and global concerns

**GRADUATE ATTRIBUTES:**

1. Socially responsible and environmentally conscientious.
2. Individuals with critical thinking ability and a passion to innovate.
3. Assume a decision-making role in the work sphere and be the agent of change.
4. Adaptable individuals with ability to update and relearn in a fast-changing world.
5. Able to identify and ameliorate social and humanistic concerns through design solutions.

**CORE VALUES:**

**Institution Values**

Equality  
Learner Centric Approach  
Nurturing creativity & Sensitivity  
Holistic Development  
Freedom & Discovery  
Interdisciplinary Collaboration  
Sustainability

**Individual Values**

Passion to Excel  
Adaptability  
Compassion for All  
Integrity  
Team Work  
Social Responsiveness  
Accountability

**PROGRAMME OUTCOME:**

1. To develop an ability to combine knowledge, in-depth analytical skills and critical thinking towards creating a holistic understanding.
2. To create leaders who function effectively both as individuals and team members in multidisciplinary settings.
3. Recognition of designers as important influencers in creation of a just and equitable society.
4. Synthesize the understanding of history, theory, art, practice and technology as well as social, political, economic, professional, legal and environmental issues and apply the knowledge creatively to design projects.



## GROUP OF SUBJECTS

Distribution of courses is done as per the framework provided by All India Council for Technical Education. The 5 broader areas in which the entire curriculum is divided ensures a holistic learning and not only intends to make a creative individual but also a technically skilled, socially responsible and environmentally aware design graduate. All the four years are given a theme and based on the same the learning is conducted.

First Year	Socially Responsive
Second Year	Critically Evolved
Third Year	Intellectually Competent
Fourth Year	Professionally Skilled

### A) Professional Core Courses

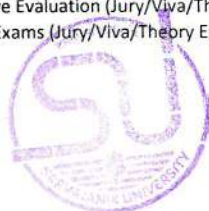
The professional core courses consist of Design studios and design expression as well as courses such as graphics and visual representation, furniture and product design, estimation, specifications and finally culminates into final year as research thesis and design thesis. The set of courses are formulated on choice based as well as application-based learning and a module-based system is adopted to expose students to variety of choices based on their inclination and strength. The semester learning will be divided into meticulously detailed modules that will be addressing specific topics to ensure that the student receives an in-depth understanding of the topic.

### B) Building Science & Applied Engineering

The technical backbone of design education, the courses as a part of BS&AE consists of Building Material, construction, specifically for Interior design as well as building services and systems; topics such as advanced interior materials and building performance are also key topics. The bundling of the three key components is the high feature of the course so as to have an integrated learning of these subjects. The semester wise courses are carefully formulated to make modules that give exposure to students on the theoretical aspects as well as its application in the design studios.

### C) Humanities – History, Theory & Culture and Liberal Studies

The two streams of humanities are very crucial to the design programme and are essential for developing a socially responsible and culturally aware graduate. The History, Theory and Culture stream specifically takes care of the topics related to History of design and Culture and also about various design theories. While the Liberal studies



and life skill looks at various multidisciplinary topics that are important for a holistic development and education. In liberal studies, 04 modules of 04 week each are identified per semester and the same will be delivered by subject experts. Core values such as Integrity, empathy and professional ethics are also included in formal learning to ensure a good character of the individual.

#### **D) Professional Ability & Skill Enhancement Courses**

The subjects identified are important to make the students skilful in various representations and communication skills as well as technological advancements such as Building Information Modelling. Apart from this the students will also be introduced to project management and will also be imparted the required skill set for conducting research. Professional training of 16 weeks is also an integral part of the curriculum.

#### **E) Professional & Transdisciplinary Open Electives**

Elective subjects are offered in a manner so that the student can have a custom roadmap to pursue their area of interest. The professional elective component will have electives related to enhancement of knowledge that is required for design discipline along with topics related to art, technology, interior design and conservation. The transdisciplinary open electives offer a wide range of electives in various sister institutions so as to give students an exposure to other disciplines. The idea of transdisciplinary open electives takes choice based learning a notch higher.

#### **Credit Distribution:**

	<b>Group of Subjects</b>	<b>%</b>
<b>A)</b>	<b>Professional Core Courses</b>	<b>47</b>
<b>B)</b>	<b>Building Science &amp; Applied Engineering</b>	<b>16</b>
<b>C)</b>	<b>Humanities &amp; Liberal Studies</b>	<b>10</b>
<b>D)</b>	<b>Professional Ability &amp; Skill Enhancement Courses</b>	<b>16</b>
<b>E)</b>	<b>Professional &amp; Transdisciplinary Open Electives</b>	<b>11</b>



**EXAMINATION SCHEME  
(PROPOSED)**

W.E.F. ACADEMIC YEAR 2021-2022



CIE- Continuous Internal Evaluation, SE-Summative Evaluation (Jury/Viva/Theory Exam), TEE-Term End Evaluation,  
UE- University Exams (Jury/Viva/Theory Exam)

## B. ID –I (SEM I)

Sr. No	Course Code	Course Name	Credits	Teaching Scheme			Examination Scheme			
				Lecture Hrs.	S/ W/ T Hrs.	Total Hrs.	Continuous Internal Evaluation (CIE)	Summative Evaluation (SE) (Jury/ Viva/ Theory Exam)	Term End Evaluation (TEE) (Jury/ Viva/ Theory Exam)	Total
1	2	3	4	5	6	7	8	9	10	
1.	BIID13101	Basic Design and Visual Arts I	10	-	10	10	500	200	150/300	500/1000
2.	BIID13102	Graphics and Visual Representation I	4	-	4	4	200	80	60/120	200/400
3.	BIID11103	Basics of Building Materials, Components and Structure	6	4	2	6	300	120	90/180	300/600
4.	BIID10104	Society and Culture I	2	2	-	2	100	40	30/60	100/200
5.	BIID10105	Liberal Studies and Life Skills I	2	2	-	2	100	100	-	100/200
6.	BIID16106	Communication Skills	2	-	2	2	100	40	30/60	100/200
7.	BIID14107	Professional Elective 1A	2	2	-	2	100	40	30/60	100/200
8.	BIID18108	Trans disciplinary Open Elective 1B	2	2	-	2	100	100	-	100/200
		<b>Total</b>	<b>30</b>	<b>12</b>	<b>18</b>	<b>30</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3000</b>

CIE- Continuous Internal Evaluation, SE-Summative Evaluation (Jury/Viva/Theory Exam), TEE-Term End Evaluation, UE- University Exams (Jury/Viva/Theory Exam)



## B. ID -I (SEM II)

Sr. No	Course Code	Course Name	Credits	Teaching Scheme			Examination Scheme			
				Lecture Hrs.	S/ W/ T Hrs.	Total Hrs.	Continuous Internal Evaluation (CIE)	University Exams (UE) Summative Evaluation (SE) (Jury/ Viva/ Theory Exam)	Term End Evaluation (TEE) (Jury/ Viva/ Theory Exam)	Total
1	2	3	4	5	6	7	8	9	10	
1	BIID13201	Basic Design and Visual Arts II	10	-	10	10	500	200	150/300	500/1000
2	BIID13202	Graphics and Visual Representation II	4	-	4	4	200	80	60/120	200/400
3	BIID11203	Building Materials, Systems and Environmental Studies	6	4	2	6	300	120	90/180	300/600
4	BIID10204	Society and Culture II	2	2	-	2	100	40	30/60	100/200
5	BIID10205	Liberal studies and Life Skills II	2	2	-	2	100	100	-	100/200
6	BIID16206	Communication Skills and Personality Development	2	-	2	2	100	40	30/60	100/200
7	BIID14207	Professional Elective 2A	2	2	-	2	100	40	30/60	100/200
8	BIID18208	Trans disciplinary Open Elective 2B	2	2	-	2	100	100	-	100/200
		<b>Total</b>	<b>30</b>	<b>12</b>	<b>18</b>	<b>30</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3000</b>

CIE- Continuous Internal Evaluation, SE-Summative Evaluation (Jury/Viva/Theory Exam), TEE-Term End Evaluation,  
UE- University Exams (Jury/Viva/Theory Exam)



**B. ID -II (SEM III)**

Sr. No	Course Code	Course Name	Credits	Teaching Scheme			Examination Scheme			
				Lecture Hrs.	S/ W/ T Hrs.	Total Hrs.	Continuous Internal Evaluation (CIE)	University Exams (UE)	Total	
	1	2	3	4	5	6	7	8	9	10
1.	BIID13301	Habitat Studio	10	-	10	10	500	200	150/300	500/1000
2.	BIID13302	Furniture and Product Design I	4	-	4	4	200	80	60/120	200/400
3.	BIID11303	Interior Materials, Systems and Services I	6	4	2	6	300	120	90/180	300/600
4.	BIID10304	History of Interior Design I	2	2	-	2	100	40	30/60	100/200
5.	BIID10305	Liberal Studies and Life Skills III	2	2	-	2	100	100	-	100/200
6.	BIID16306	Building Information Modelling	2	-	2	2	100	40	30/60	100/200
7.	BIID14307	Professional Elective 3A	2	2	-	2	100	40	30/60	100/200
8.	BIID18308	Trans disciplinary Open Elective 3B	2	2	-	2	100	100	-	100/200
		<b>Total</b>	<b>30</b>	<b>12</b>	<b>18</b>	<b>30</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3000</b>

CIE- Continuous Internal Evaluation, SE-Summative Evaluation (Jury/Viva/Theory Exam), TEE-Term End Evaluation, UE- University Exams (Jury/Viva/Theory Exam)



## B. ID -II (SEM IV)

Sr. No	Course Code	Course Name	Credits	Teaching Scheme			Examination Scheme			
				Lecture Hrs.	S/ W/ T Hrs.	Total Hrs.	Continuous Internal Evaluation (CIE)	University Exams (UE)	Total	
	1	2	3	4	5	6	7	8	9	10
1.	BIID13401	Utility/ Hospitality Studio	10	-	10	10	500	200	150/300	500/1000
2.	BIID13402	Furniture and Product Design II	4	-	4	4	200	80	60/120	200/400
3.	BIID11403	Interior Materials, Systems and Services II	6	4	2	6	300	120	90/180	300/600
4.	BIID10404	History of Interior Design II	2	2	-	2	100	40	30/60	100/200
5.	BIID10405	Liberal Studies and Life Skills IV	2	2	-	2	100	100	-	100/200
6.	BIID16406	Visual Narratives	2	-	2	2	100	40	30/60	100/200
7.	BIID14407	Professional Elective 4A	2	2	-	2	100	40	30/60	100/200
8.	BIID18408	Trans disciplinary Open Elective 4B	2	2	-	2	100	100	-	100/200
		<b>Total</b>	<b>30</b>	<b>12</b>	<b>18</b>	<b>30</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3000</b>

CIE- Continuous Internal Evaluation, SE-Summative Evaluation (Jury/Viva/Theory Exam), TEE-Term End Evaluation, UE- University Exams (Jury/Viva/Theory Exam)



## B. ID -III (SEM V)

Sr. No	Course Code	Course Name	Credits	Teaching Scheme			Examination Scheme			
				Lecture Hrs.	S/ W/T Hrs.	Total Hrs.	Continuous Internal Evaluation (CIE)	University Exams (UE) Summative Evaluation (SE) (Jury/ Viva/ Theory Exam)	Term End Evaluation (TEE) (Jury/ Viva/ Theory Exam)	Total
	1	2	3	4	5	6	7	8	9	10
1.	BIID13501	Retail Design Studio	10	-	10	10	500	200	150/300	500/1000
2.	BIID13502	Furniture and Product Design III	4	-	4	4	200	80	60/120	200/400
3.	BIID11503	Interior Materials, Systems and Services III	6	4	2	6	300	120	90/180	300/600
4.	BIID10504	History of Interior Design III	2	2	-	2	100	40	30/60	100/200
5.	BIID16505	Project Management	2	2	-	2	100	40	30/60	100/200
6.	BIID14506	Professional Elective 5A	2	2	-	2	100	40	30/60	100/200
		<b>Total</b>	<b>26</b>	<b>10</b>	<b>16</b>	<b>26</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2600</b>

CIE- Continuous Internal Evaluation, SE-Summative Evaluation (Jury/Viva/Theory Exam), TEE-Term End Evaluation, UE- University Exams (Jury/Viva/Theory Exam)



## B. ID -III (SEM VI)

Sr. No	Course Code	Course Name	Credits	Teaching Scheme			Examination Scheme			
				Lecture Hrs.	S/ W/T Hrs.	Total Hrs.	Continuous Internal Evaluation (CIE)	Summative Evaluation (SE) (Jury/Viva/Theory Exam)	Term End Evaluation (TEE) (Jury/Viva/Theory Exam)	Total
	1	2	3	4	5	6	7	8	9	10
1.	BIID16601	Professional Training	20	-	-	-	-	-	1000/2000	1000/2000
2.	BIID14602	Professional Elective 6A	2	-	-	-	-	-	100/200	100/200
		<b>Total</b>	<b>22</b>	-	-	-	-	-	-	2200



CIE- Continuous Internal Evaluation, SE-Summative Evaluation (Jury/Viva/Theory Exam), TEE-Term End Evaluation, UE- University Exams (Jury/Viva/Theory Exam)

**B. ID -IV (SEM VII)**

Sr. No	Course Code	Course Name	Credits	Teaching Scheme			Examination Scheme			
				Lecture Hrs.	S/ W/ T Hrs.	Total Hrs.	Continuous Internal Evaluation (CIE)	University Exams (UE)		Total
								Summative Evaluation (SE) (Jury/ Viva/ Theory Exam)	Term End Evaluation (TEE) (Jury/ Viva/ Theory Exam)	
1	2	3	4	5	6	7	8	9	10	
1.	BIID13701	Transformation Design Studio	14	-	14	14	700	280	210/420	700/1400
2.	BIID11702	Advanced Interior Materials, Systems and Services	6	4	2	6	300	120	90/180	300/600
3.	BIID10703	Heritage Conservation in Interiors	2	2	-	2	100	40	30/60	100/200
4.	BIID16704	Research Methods and Application	2	2	-	2	100	40	30/60	100/200
5.	BIID14705	Professional Elective 7A	2	2	-	2	100	40	30/60	100/200
		<b>Total</b>	<b>26</b>	<b>10</b>	<b>16</b>	<b>26</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2600</b>

CIE- Continuous Internal Evaluation, SE-Summative Evaluation (Jury/Viva/Theory Exam), TEE-Term End Evaluation, UE- University Exams (Jury/Viva/Theory Exam)



**B. ID -IV (SEM VIII)**

Sr. No	Course Code	Course Name	Credits	Teaching Scheme			Examination Scheme			
				Lecture Hrs.	S/ W/T Hrs.	Total Hrs.	Continuous Internal Evaluation (CIE)	University Exams (UE)		Total
								Summative Evaluation (SE) (Jury/ Viva/ Theory Exam)	Term End Evaluation (TEE) (Jury/ Viva/ Theory Exam)	
1	2	3	4	5	6	7	8	9	10	
1.	BIID13801	Design Thesis	20	-	20	20	1000	400	300/600	1000/2000
2.	BIID10802	Contemporary Trends and Philosophy	2	2	-	2	100	40	30/60	100/200
3.	BIID16803	Professional Practice and Office Management	2	2	-	2	100	40	30/60	100/200
4.	BIID14804	Professional Elective 8A	2	2	-	2	100	40	30/60	100/200
<b>Total</b>			<b>26</b>	<b>06</b>	<b>20</b>	<b>26</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2600</b>

**General Notes:**

L= Lecture, S= Studio, W= Workshop T= Tutorial

1. Minimum passing marks are **50% for Column no. 9 & 10**
2. It is compulsory to appear in the **Term End Examination (TEE)** to earn the respective credit for the course.
3. **Minimum 16 Credits** to be earned per semester to qualify for next semester
4. If a student is not able to earn credits, the same will have to attempted through **remedial examination** or in the next semester with special classes allotted during **summer term**, this will have to be done in guidance of the mentor appointed by the institution
5. Students are supposed to **select any one subject** from the list of Electives of each group (Professional & Transdisciplinary Open), these Electives will be offered based on the availability of expert and required no. of students.
6. **Related Study Programme (RSP)-** Study Tours / Independent Study Programme (Online Courses/ Workshops/Design Competition, etc.) will have to be done by the students in semester/year break as per the academic calendar, this is a pre-requisites for registration in next semester. Necessary prior approval will have to be taken from the course validation committee for the same.
7. **Minimum 03 Nos. of Study tours** will have to be completed by a student during the entire study duration to become eligible for graduation certificate.
8. **Liberal Studies & Transdisciplinary Open Elective Courses are Non-CGPA courses**, Earning Credits for the same is mandatory for programme completion but they will not be accounted towards SGPA /CGPA calculations.

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# COURSE CONTENT

CIE- Continuous Internal Evaluation, SE-Summative Evaluation (Jury/Viva/Theory Exam), TEE-Term End Evaluation,  
UE- University Exams (Jury/Viva/Theory Exam)



SARVAJANIK UNIVERSITY							
INSTITUTE OF DESIGN PLANNING & TECHNOLOGY							
Faculty	Interior Design			Programme	B.ID		
Year	I			Version	1.0		
Semester	I			Effective From	June 2021		
Course Code	BIID13101	Course Name		Basic Design and Visual Arts I			
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
10	-	10	10	500	200	150/300	500/1000

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

### Emphasis

The design studio is an important process, which aims to shape the design sensitivities of students and to develop their communicative abilities as well as their problem-solving skills. In the Foundation Design Studio, first-year architecture, interior and fine arts students are introduced to fundamental design principles, methods, visual judgment, and the creative process. Studio exercises are intended to provide hands-on practice in ordering a design inquiry and structuring conceptual and visual arguments.

### Course Outcome

After the completion of the studio the student will be able to develop a set of fundamental skills:

- Visual (seeing, looking, observing);
- Manual (making); and
- Intellectual (comparing, contrasting, abstracting, and assessing)

Students are introduced to a broad range of media and methods to help build confidence in their cognitive, conceptual, and technical skills. A significant component of the studio is dedicated to elements of design.

### Content

Students will explore the nature of design. Emphasis is given to the elements and principles of design and visual relationships between them. Students will develop skills in the application of diverse approaches to creative problem solving based on methodologies and conceptual frameworks in contemporary design processes through series of exercises.

Module	Description	Hours
Developing Visual Literacy	Learning visual language	28
	Outdoor sketching	
	Perspective drawing/ Freehand scaled drawings	
	Exploring various art materials like water colour, ink, pastels, acrylic etc.	
1.B	Warm-up exercise focused on	28

CIE- Continuous Internal Evaluation, SE-Summative Evaluation (Jury/Viva/Theory Exam), TEE-Term End Evaluation, UE- University Exams (Jury/Viva/Theory Exam)



		Disciplined observation, Iterative process, and Critical graphic and verbal interrogation of ideas.	
<b>II Introduction to Design Principle (Foundation)</b>		The fundamental principles of design -- Emphasis, Balance, Alignment, Contrast, Repetition, Rhythm, Proportion, Movement.	14
<b>III Introduction to Composition</b>	<b>2.A</b>	From Design Perspective- Approach to 3D Composition: The subjects of composition and order should move from two-dimensional considerations of shape, line, surface, and value, to three-dimensional investigations of form, space, light, motion/time, and colours.	12
	<b>2.A 1</b>	From Design Perspective- Approach to 2D Composition: Exploring the basic elements of design and creating 2 D compositions keeping the principles of Design in consideration.	6
<b>IV Composition</b>	<b>3.A</b>	Adding narratives to composition	36
	<b>3.A 1</b>	Introduction to colour theory- adding colours to composition	6

**References:**

1. Broadbent, G., 1973. Design in Architecture - Architecture and Human Science. John Wiley and Sons., New York.
2. Chauhan, P., 2005. Learning Basic Design. Rizvi College of Architecture, Mumbai.
3. Ching, F. D. K., 1997. Design Drawing. John Wiley & Sons., Hoboken
4. Ching, F. D. K., 2012. Architecture: Form, Space and Order. 3rd Ed. Hoboken: John Wiley & Sons
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6. Rasmussen, S., 1962. Experiencing Architecture. 2nd Rev. Ed. MIT Press, Cambridge.



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INSTITUTE OF DESIGN PLANNING & TECHNOLOGY							
Faculty	Interior Design			Programme	B.ID		
Year	I			Version	1.0		
Semester	I			Effective From	June 2021		
Course Code	BIID13102	Course Name	Graphics and Visual Representation I				
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
4	-	4	4	200	80	60/120	200/400

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

### Emphasis

The course focuses on “**Visual Literacy**” which enables students to represent ideas technically and with visual accuracy.

This course introduces students to the fundamental techniques of architectural drawing and development of appropriate manual and computer skills for visualization and technical representation of built forms in different types of drawings. The course also acts as a bridge building cognitive and motor skills & qualifies students to understand the importance of scale in drawings.

### Course Outcome

After completion of this course, the student will be able to develop a set of fundamental skills:

#### Manual Skills:

- Understand architectural drafting tools and their application
- Understand the concepts of architectural drawing techniques
- Read Architectural drawings (Plan, Section, Elevation)
- Understand scale, proportions and volume

#### Computer Skills:

- Understand the Software – AutoCAD and its application in the field of design

### Content

Architectural Drafting tools, line types, line intensity, Typography - Styles & Characters, Understanding Plans, Sections and Elevations followed by drawing methodology.

Modules	Description	Hours
I Manual Drafting Tools and Techniques	<ul style="list-style-type: none"> <li>• Introduction to drafting tools and its application.</li> <li>• Introduction to fundamental elements of drawing - lines, line type and intensity.</li> <li>• Developing &amp; exploring various techniques to use typography – styles and character</li> </ul>	8
II Scale and Proportions	<ul style="list-style-type: none"> <li>• Develop sense of scale and proportions of the given object/space/ form.</li> <li>• Develop understanding and applicability of scale in drawings</li> </ul>	4
III	<ul style="list-style-type: none"> <li>• Develop understanding of Design drawings - Plans,</li> </ul>	20

CIE- Continuous Internal Evaluation, SE-Summativ Evaluation (Jury/Viva/Theory Exam), TEE-Term End Evaluation, UE- University Exams (Jury/Viva/Theory Exam)



Drawing Literacy	Sections and Elevations. <ul style="list-style-type: none"><li>• Drafting technical drawings based on learnings of Module-I &amp; II</li></ul>	
IV AutoCAD Tools and Techniques	<ul style="list-style-type: none"><li>• Introduction to AutoCAD tools and its application</li><li>• Learning to draw in the AutoCAD software</li></ul>	8
V Drawing and Layering	<ul style="list-style-type: none"><li>• Introduction to Drawings – Plan, Section, Elevations</li><li>• Understanding the layer system, layer manager</li></ul>	20
VI Layouts & Plotting	<ul style="list-style-type: none"><li>• Introduction to Layouts – Panel Composition with various scales</li><li>• Understanding Scales, related line weights</li></ul>	4

**References:**

1. Ching, F. D. K., 2015. 'Drawing, Space, Form, Expression', John Wiley & Sons.
2. Dennis J. Hall, Nina M. Giglio, 'Architectural Graphic Standards', John Wiley & Sons.
3. K. Venugopal, 'Engineering Drawing and Graphics + AutoCAD', New Age International.



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Faculty	Interior Design			Programme	B.ID		
Year	I			Version	1.0		
Semester	I			Effective From	June 2021		
Course Code	BIID11103	Course Name	Basics of Building Materials, Components and Structure				
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
6	4	2	6	300	120	90/180	300/600

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

### Emphasis

The Emphasis of the course is to orient students towards various aspects of “**design execution**” through hands on workshops, field visits and observation-based exercises. The course introduces basic building materials, components of building assembly and fundamentals of structural systems. The focus is to familiarize students with commonly known building materials, understand their properties through practical working and learn about their various applications and further develop comprehensive understanding about building loads and concepts of load transfer with significance of each building component in structural system and its relationship with interior space.

### Course Outcome:

After completion of this course, the student will be able to,

- Identify and differentiate types of building materials with its properties & applications in building and in various forms of design.
- Identify building components from sub structure to super structure and understand the role of each building component in overall building assembly and structural system.
- Understand different types of loads on buildings, effects of load on building, load transfer in building, classify buildings on the basis of structural systems for load transfer and learn about behaviour of various structural components under loads
- Analyse a “Design decision situation” in the context of materials choice and its impact

### Content

- Introduction to basic building materials: clay/Cement/Sand/Lime/Bamboo/Glass/Plastic/Metals: their properties, application and manufacturing process.
- Introduction to building components (sub structure & superstructure): Foundation, plinth, wall, openings, sill, lintel, beam, column, slab, staircase (and its types), balcony, canopy, parapet, etc. and its role as structural/non-structural component
- Loads on building: Types and effects of loads and load transfer actions.
- Classification of buildings: Introduction to load bearing, frame and composite structure

CIE- Continuous Internal Evaluation, SE-Summative Evaluation (Jury/Viva/Theory Exam), TEE- Term End Evaluation, UE- University Exams (Jury/Viva/Theory Exam)



Modules	Description	Hours
<b>I Orientation</b>	<ul style="list-style-type: none"> <li>• Building Basics-1: Understanding “building” its types, functions and classification according to its purpose and usage of spaces further understanding building as an “integrated assembly of various components”, understanding building as “structure”, Relationship of building elements in defining interior space</li> <li>• Building Basics-2: History and evolution of building design &amp; construction technology, materiality of buildings</li> </ul>	<b>4</b>
<b>II Building components</b>	<ul style="list-style-type: none"> <li>• Components of Building: Concepts of substructure and superstructure, identifying different building components and their role in building assembly: foundation, plinth, beam, column, wall, stairs, openings (door, window, ventilators), sill, lintel, weather shed, parapet, balcony: understanding their interrelationship as a complete system</li> <li>• Load transferring systems: Introduction to load bearing, frame and composite structure</li> <li>• Classification of building components (with their purpose and selection criteria): Introduction to - types of staircases, types of walls, types of openings</li> </ul>	<b>8</b>
<b>III Basic Building materials</b>	<ul style="list-style-type: none"> <li>• Classification of Materials: different types of materials-natural/man-made, source of materials, use and application of different materials (Sand, Clay, Cement, Lime, Mortar, Bamboo, Wood, Stone, Glass, Plastic, Metals)</li> <li>• Properties of Materials: physical and chemical properties, manufacturing process, various tests to check strength of materials, different grades of materials, use and application of specific material</li> <li>• Application of Materials: Understanding application of materials in building as well in various forms of design.</li> </ul>	<b>20</b>
<b>IV Basics of Structure</b>	<ul style="list-style-type: none"> <li>• Building Loads: Types of loads on building, various types of load and its transfer actions.</li> <li>• Structural Components: Behaviour of building elements in different types of Structural systems, various structural and non-structural components (beams, columns, slab, staircase, balcony, canopy, weather shed, sill, lintel etc) and its significance in building interiors</li> </ul>	<b>16</b>
All modules shall be supported with relevant labs/market survey/workshops/model making as per the requirement of the content.		

CIE- Continuous Internal Evaluation, SE-Summative Evaluation (Jury/Viva/Theory Exam), TEE-Term End Evaluation, UE- University Exams (Jury/Viva/Theory Exam)



**References:**

1. Ambrose, James, 1991. Building construction Interior Systems, Van Nostrand Rein Hold, New York.
2. Ashcroft, Roland, 2017. Construction for Interior Designers, Rout Ledge, London and New York.
3. Bingelli, Corky, 2005. Building Systems for Interior Designers, A.S.I.D., John Wiley and Sons, INC, New Jersey.
4. Ballast, David Kent, 1996, Interior Construction and detailing for designers and Architects, AIA, Professional, Bemont, CA.
5. Corky Bingelli, 2015, Building systems for Interior Designers, Wiley
6. De Chiara et al. 2001. Interior Design and Space Planning, Mc Graw Hill, New York.
7. Ching,F.D.K., 2014. Building Construction Illustrated, John Wiley & Sons, Inc.
8. Ching,F.D.K., 2014. Interior Design Illustrated, John Wiley & Sons, Inc.
9. Minke, Gernot, 2013. Building with earth: Design and technology of a sustainable Architecture.Birkhauser Basel, Switzerland.
10. Rosenkranz et al., 2006. Construction Materials Manual, Birkhauser, Germany.
11. Coles, John,2015,The fundamentals of Interior Architecture,Fairchild Books.
12. Webber, Steven B., 2020. Interior Design Fundamentals, Fairchild Bloomsbury, New York.



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INSTITUTE OF DESIGN PLANNING & TECHNOLOGY							
Faculty	Interior Design			Programme	B.ID		
Year	I			Version	1.0		
Semester	I			Effective From	June 2021		
Course Code	BIID10104	Course Name	Society and Culture I				
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
2	2	-	2	100	40	30/60	100/200

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

### Emphasis

This course provides an overview of Civilizations, Societies and Cultures from Pre-Historic period to the present stage of development.

### Course Outcome:

At the end of the course students will be able to

- Analyse historical processes that shape individuals, societies and communities from early societies to Modern period.
- Describe influence of political ideology, social organizations, cultural perceptions and natural environment on events and narratives.
- Develop an understanding of global history
- Place events, persons, developments in space-time continuum

### Content

Introduction to Society and Culture:

Overview of development of society and cultures from pre-historic period to modern times; The history of the World in concurrent periods across the World.

Introduction to evolution of architecture in early settlements; Early settlements in terms of scale and complexity through a comparative study of Catalhoyuk, Mehrgarh, Banpo, Skara Brae.

The course will be divided between understanding of historical narrative and history of architecture not chronologically but depending on topics. It is necessary and justified to add sufficient flexibility, to include or exclude sub topics but the benefit of the learner is always the nucleus to the process. The content introduces learners to a broad yet detailed interdisciplinary approach towards analysis of selected historical structures/spaces and typologies in terms of form, functions, plans, hierarchy of spaces, building elements, building materials, construction technologies, ornamentation in the context of cultural, political and socio economic factors. With reference to civilizations and cultures, material culture and non-material culture i.e. political narrative, geography, climatic conditions, local resources, social stratification, religion and religious belief systems, architectural systems, urban planning, cities, visual arts, philosophy and dominant thought will be covered in adequate detail.



**References:**

1. Head, Tom, 2017. World History 101: From Ancient Mesopotamia and the Viking Conquests to NATO and WikiLeaks, an Essential Primer on World History. Adams Media, Avon, Massachusetts.
2. Kubba, Shamil, 1987. Mesopotamian Architecture and Town Planning. B.A.R., Oxford
3. Kuijt, Ian, 2002. Life in Neolithic Farming Communities. Kluwer Academic Publishers, New York.
4. Parker, Philip, 2017. World History: From the Ancient World to the Information Age. Eyewitness Companions, Dorling-Kindersley, London.
5. Thapar, Romila, 2002. Early India: From the Origins to AD1300. University of California Press, Berkeley.
6. Wilson, Peter, 1988. The Domestication of the Human Species. Yale University Press.



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Faculty	Interior Design			Programme	B.ID		
Year	I			Version	1.0		
Semester	I			Effective From	June 2021		
Course Code	BIID10105	Course Name		Liberal Studies and Life Skills I			
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
2	2	-	2	100	100	-	100/200

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

### 1. Social & Cultural Etiquette

Social and Cultural etiquette are the codes of behaviour that rule different cultures – in other words, what's acceptable and what isn't in a society.

Etiquette is about kindness, it is about being friendly, it is about being polite, it is about integrity, and it is about good manners. Social and Cultural etiquette would help students to know how to behave and conduct themselves in different environments. Social and Cultural etiquette is not about being perfect, or being prim and proper, it's not about your social class, profession or how rich or well educated you are. Social and Cultural etiquette makes people comfortable and at ease, it shows that we value and respect others.

Social and Cultural etiquette would promote kindness, consideration, and humility in students. Social and Cultural etiquette would give students the confidence to deal with different situations in life, it would give them life skills. It would enhance student's personality; it would help to eliminate discourteous behaviour and also would help students to be sensitive to others feelings and rights.

Having good manners is not just about 'please' and 'thank you'. It is about how one presents oneself, how one should behave, how one should speak, how one should treat others and most importantly how one should think.

### 2. Self-Exploration & Personality Building

The more you understand yourself and your motivations, the more informed and productive your life and career search process will be. Self-exploration is the first step. Start by reflecting on your interests, values, skills, and personality traits, as well as key experiences you've enjoyed. Research shows that people most satisfied in their careers are those who are working in jobs that closely align with these areas. Personality is a combination of qualities that form your distinctive character. These influence how you see, experience, and interact with the world.

Personality development helps you develop an impressive personality and makes you stand apart from the rest. Personality development also plays an essential role in improving one's

communication skills. Individuals ought to master the art of expressing their thoughts and feelings in the most desired way.

### **3.Maintenance and Repairing**

Basic maintenance and repairing skills are necessary for safeguarding your general wellbeing. By inspecting your home and automobiles regularly, cleaning, and repairing it, you will have the assurance that you and your family is safe.

Repair of all electrical issues such as malfunctioning electric appliances and exposed wiring. Performing regular maintenance and handling minor repairs as required will minimize the possibility of expensive repairs. Most appliances, objects of use need to be inspected regularly, cleaned, and changed. Emergency plumbing services are essential for effectively dealing with leaks to prevent flooding and structural damage.

Repairs undertaken helps in emergency situations as well as in daily life when professional technical help is not available right away.

### **4. Team Building**

Team building activities are essential to establishing a good work culture where students enjoy coming to work, collaborate easily and trust each other. Team building is the process of turning a group of students from diverse backgrounds into a cohesive team—a group of people organized to work together to accomplish their purpose and goals.

Note: Four modules of 04 weeks each will be offered for life skill course.



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Faculty	Interior Design			Programme	B. ID.		
Year	I			Version	1.0		
Semester	I			Effective From	June 2021		
Course Code	BIID16106	Course Name	Communication Skills				
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
2	-	2	2	100	40	30/60	100/200

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

### Emphasis

The course emphasis is on developing effective communication skills through improved reading, speaking and listening skills based on interactive exercises and experience-based curriculum. The focus is on understanding and applying various techniques and strategies in oral and written contexts for improved skills. The course aims to build confidence in speaking situations, write lucidly using appropriate vocabulary and grammar and to listen for comprehension. It aims to hone both verbal and non-verbal communication.

### Course Outcome

After completion of this course, the student will be able to:

- Demonstrate a better understanding of the communication process by identifying, explaining and applying strategies as they relate to a variety of contexts (interpersonal, group, public and professional)
- Display competence in oral, written and visual communication
- Identify ways to constructively manage speaking anxiety and apply methods while presenting in public
- Describe strategies for non-verbal interpretation and expression skills.
- Identify and apply strategies for listening with attention
- Demonstrate the ability to write fluently while making an optimum use of correct vocabulary and grammar
- Demonstrate improved interpersonal skills by identifying and developing a repertoire of strategies in oral and written contexts.

### Content

The course focuses on effective communication skills in both verbal & non-verbal forms.

Modules	Description	Hours
I Speaking Module	<ul style="list-style-type: none"> <li>• Significance of Communication skills</li> <li>• Communication Process - significant features involved</li> <li>• Personal Introduction</li> <li>• Retention and reproduction of texts</li> </ul>	04

CIE- Continuous Internal Evaluation, SE-Summative Evaluation (Jury/Viva/Theory Exam), TEE-Term End Evaluation, UE- University Exams (Jury/Viva/Theory Exam)



	<ul style="list-style-type: none"> <li>• Debates, Public speaking &amp; Questioning skills</li> <li>• 7 steps to effective messages &amp; other activities</li> </ul>	
<b>II Reading Module</b>	<ul style="list-style-type: none"> <li>• Reading process - four basic steps</li> <li>• The art of effective reading -its types</li> <li>• Overcome common reading obstacles</li> <li>• Reading for better Comprehension</li> <li>• Building vocabulary</li> </ul>	04
<b>III Listening</b>	<ul style="list-style-type: none"> <li>• Types of listening &amp; good listening practices</li> <li>• Summary of spoken texts</li> <li>• Writing from oral instructions</li> <li>• Listening games / Activities</li> </ul>	04
<b>IV Writing Module</b>	<ul style="list-style-type: none"> <li>• Paragraph Writing – Re-order paragraphs and sequential ordering</li> <li>• Creative writing – blogs/movie reviews, letters &amp; paragraphs</li> <li>• Building arguments</li> <li>• Common grammatical mistakes, usage of grammar</li> </ul>	06
<b>V Non-verbal</b>	<ul style="list-style-type: none"> <li>• Communicating through Pictorial representations, illustrations, spatial arrangements of words, interpreting gestures, body language, facial expressions</li> <li>• Interactive exercises</li> </ul>	04

**References:**

1. Kumar, Sanjay, LataPushp, 2015. Communication Skills. Oxford University Press, New Delhi
2. Suresh Kumar, E, 2012. Communication Skills and Soft skills. Pearson, New Delhi



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INSTITUTE OF DESIGN PLANNING & TECHNOLOGY							
Faculty	Interior Design			Programme	B.ID.		
Year	I			Version	1.0		
Semester	I			Effective From	June 2021		
Course Code	BIID14107	Course Name		Professional Elective 1 A			
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
2	2	-	2	100	40	30/60	100/200

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

### 106.1 Origami Kirigami

Origami, from ori meaning "folding", and kami meaning "paper" (kami changes to gami due to rendaku)) is the art of paper folding, which is often associated with Japanese culture. Origami folders often use the Japanese word kirigami to refer to designs which use cuts. Main motive for proposing this elective is it engages students and enhances their skills -- including improved spatial perception and logical and sequential thinking. In a nutshell, Origami is good for design students as it develops –eye hand co-ordination, sequencing skills, maths reasoning, spatial skills, memory, but also patience and attention skills, mental concentration. All of this combined stimulates the brain – especially when BOTH hands are being used at the same time.

### 106.2 Print Making

Printmaking elective is designed to amplify a student's artistic interests and understanding of the process, and to support the development of a personal artistic vision. This elective span both traditional and contemporary techniques including fluid art, etching, relief, lithography, monotype, screen, book arts, photo-processes, and digital printmaking. In this elective, visual representation would be emphasized, and all exercises focus on formal visual issues and resolving visual ideas. Through a coordinated sequence of exercises, students will synthesize their conceptual and technical skills with various mediums and study the application of various printmaking techniques.

### 106.3 Typography

Typography is the art of manipulating the visual form of language to enrich and control its meaning. It's an essential area of skill and knowledge for graphic designers. Typography predates modern graphic design by around 500 years; it is rich in rules, conventions, and esoteric terminology—but it remains an exciting space for invention and expression.

In this elective, students would learn exploration of basic principles of typography. Emphasis is on interrelationships of letter, word, line, page and the logical evolution of the grid as a structural device. The elective would emphasize techniques and ideas that influence meaning through the



visual design of letterforms and words. The structure of type would be explored through series of exercises in two- and three-dimensional media.

#### 106.4 Textiles, Natural Dye & Printing

Nature is an unequalled colour palette, which runs through the entire visible spectrum, from the green of the trees to the blue of the sky. In this elective course, in first part students will learn to dye fibres and fabrics with natural pigments. Further, student would start with dyeing skeins and other natural fibres, using plant pigments first, then soil and clays, flowers and, finally, indigo. Student would teach to prepare the fibres for dyeing, separate the samples and capture the information of each of these and other pigments. In second part, student would learn various composition possibilities of coloured textiles done in first part of this elective.

Note: The above electives are suggestive and alternative or additional electives can be offered from time to time by the institute.



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Faculty	Interior Design			Programme	B.ID.		
Year	I			Version	1.0		
Semester	I			Effective From	June 2021		
Course Code	BIID18108	Course Name		Transdisciplinary Open Elective 1 B			
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
2	2	-	2	100	100	-	100/200

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

Note:

- A comprehensive List of the Transdisciplinary Open electives to be offered by other institutes of Sarvajanik University to students of Faculty of Interior Design, IDPT, will be available on Sarvajanik University Website.

CIE- Continuous Internal Evaluation, SE-Summative Evaluation (Jury/Viva/Theory Exam), TEE-Term End Evaluation,  
UE- University Exams (Jury/Viva/Theory Exam)



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Faculty	Interior Design			Programme	B.ID.		
Year	I			Version	1.0		
Semester	II			Effective From	June 2021		
Course Code	BIID13201	Course Name	Basic Design and Visual Arts II				
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
10	-	10	10	500	200	150/300	500/1000

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

### Emphasis

Emphasis is on two-dimensional representation of three-dimensional forms; development of basic skills in architectural design drawing and 3D modelling. Through experiential hands-on design exercises, this studio will focus on the development of space/composition through the composition of tectonics and stereotomic assemblies. Rumbling between physical models, narrative statements, and drawing explorations, context inspired design processes will stress on analysis, abstraction, and refinement through peer and self-critique.

### Course Outcome

At the end of the course the student will be able to:

- Develop a set of fundamental skills
- Learn to implement, assess, and revise formal organizational strategies within 2D and 3D compositions.
- Learn to assess the impact that various 2D and 3D investigative methods have on intuitive and systems design thinking.
- Learn to develop an appreciation for craftsmanship in 2D and 3D methods of design exploration.

### Content:

This studio will introduce the five fundamentals of design: space, order, tectonics, site and use, layered and reinforced through a series of design exercises. Fundamental spatial explorations, particularly focused on climate and site will be explored in conjunction with basic topics of scale, proportion, composition, ergonomics, context, approach, arrival, threshold, sequence, flexibility, and circulation through project-based exercises in the design studio.

Modules	Description	Hours
I Introduction to Design Principle (Advanced)	Theoretical inputs in Advanced design Principles. Small hands-on exercises based on it.	28
II Visual Analysis of Form	When given a complex form to analyse, students will be able to construct analytical models and drawings. For those hands-on exercises will be used for developing understanding on Intersection, layering, overlapping of	56

CIE- Continuous Internal Evaluation, SE-Summative Evaluation (Jury/Viva/Theory Exam), TEE- Term End Evaluation, UE- University Exams (Jury/Viva/Theory Exam)



	geometric and organic forms. Students will be able to construct 3D Tectonic models and 2D graphic representation and a defined scale.	
<b>III Introduction to Anthropometry</b>	Study and documentation of human dimensions in various postures (applied form), their relation to everyday utilities. Critical analysis of ergonomic aspects of space planning.	28
<b>IV Introduction to Measure drawings</b>	This module would introduce students to elements of architecture through understanding of Measured Drawing of existing small human habitat. Importance of contextual factors in Architectural design e.g. orientation, ventilation, adequate protection from rain, dust, insects etc.,	28
<b>V Approach to real scale design</b>	When given an architectural program and contextual information, students will be able to implement a design process circling between exploration, self-critique, and refinement; and entertain various design proposals by challenging the hierarchy of plans, sections, and models.	28

**References:**

1. Ching, F. D. K. 2012. Architecture: Form, Space and Order, 3rd Ed. Hoboken: John Wiley & Sons.
2. Pandya, Y., 2007. Elements of Space making. Mapin, Ahmedabad
3. Paul, A. J., 1994. The Theory of Architecture—Concepts & themes. Van Nostrand Reinhold. New York.
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Faculty	Interior Design			Programme	B.ID.		
Year	I			Version	1.0		
Semester	II			Effective From	June 2021		
Course Code	BIID13202	Course Name	Graphics and Visual Representation II				
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
4	-	4	4	200	80	60/120	200/400

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

### Emphasis

The course focuses on “**Volumetric Understanding, Rendering and Diagrams**” which enables students to represent ideas in third dimension. This course introduces students to the fundamental techniques of architectural drawing and develops appropriate manual and computer skills for visualization and technical representation of built forms in different types of drawings. The course also helps in building cognitive and motor coordination skills. The course also enables students to represent designs in 2D and 3D rendered drawings.

### Course Outcome

After the completion of this course, the student will be able to:

#### Manual Skills:

- Draw technically correct Plans, Sections, Elevations
- Understand scale, proportions and volume in detail with respect to built forms & buildings
- Understand concept of perspective & sociography in design & architecture
- Understand, explore and apply various rendering techniques

#### Computer Skills:

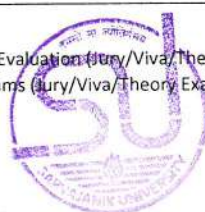
- Understand and apply Software – Adobe Illustrator, Sketch Up and its application in the field of design
- Render architectural 2D and 3D drawings as per global standards respecting technicality of drawings along with understanding of panel/sheet composition concepts.
- Generate analytical diagrams like zoning, inter-relationship, connectivity, circulation, site response, etc.

### Content:

Understanding space perception and representation techniques along with concept of perspective drawings, sectional volumetric drawings in manual and computer skills. Exploring Sketch Up software for volumetric understanding and shadow analysis. Technical representation of design drawings – plan, sections, elevations.

Rendering Techniques will have Manual Rendering exploring various medium of rendering (Inking, Colours, etc.), rendering techniques like Stippling, Hatching, Scribbling, etc. and digital rendering exploring rendering in Adobe Illustrator.

CIE- Continuous Internal Evaluation, SE-Summative Evaluation (Jury/Viva/Theory Exam), TEE-Term End Evaluation, UE- University Exams (Jury/Viva/Theory Exam)



Modules	Description	Hours
I Space Perception	<ul style="list-style-type: none"> <li>Understanding Concepts of perspective, built volume perception</li> <li>Explore volume/ mass using Sketch Up</li> </ul>	8
II Technical Drawing Set	<ul style="list-style-type: none"> <li>Drafting plans, sections, elevations. (Manual)</li> </ul>	8
III Adobe Illustrator	<ul style="list-style-type: none"> <li>Introduction to Adobe Illustrator tools and its application</li> <li>Explore rendering, diagram making and sheet/panel composition</li> </ul>	20
IV Rendering	<p><b>Manual Rendering:</b></p> <ul style="list-style-type: none"> <li>Exploring various medium of rendering (Inking, Colours, etc.)</li> <li>Rendering techniques like Stippling, Hatching, Scribbling, Etc.</li> </ul> <p><b>Digital Rendering:</b></p> <ul style="list-style-type: none"> <li>Application of Illustrator for rendering</li> </ul>	10
V Google Sketch Up	<ul style="list-style-type: none"> <li>Introduction to Google Sketchup tools and its application</li> <li>Explore 3D modelling</li> <li>Understanding shadow analysis, Sciography considering climatic considerations</li> </ul>	18

**References:**

1. Arthur L. Gup till, 2011. 'Rendering in Pen and Ink'. Watson-Gup till Publications.
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Faculty	Interior Design			Programme	B.ID.		
Year	I			Version	1.0		
Semester	II			Effective From	June 2021		
Course Code	BIID11203	Course Name		Building Materials, Systems and Environmental Studies			
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
6	4	2	6	300	120	90/180	300/600

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

#### Emphasis:

The emphasis of this course is to learn **“materiality in design”**. The course introduces Brick, Stone and Wood as primary building construction materials and develops a comprehensive understanding about design of buildings based on material property, size and shape. The focus is to understand masonry and frame construction, their finishing techniques along with its relationship with building form, aesthetics and space definition. Concepts of stress, strain to be understood with reference to properties of materials along with understanding of various structural systems based on form and span. Also, the pragmatic relationship between spatial planning, materials choices and construction technology is to be emphasized by recognizing climate as a major determinant of overall building design and form.

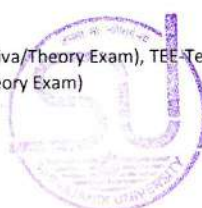
#### Course Outcome:

After completion of this course, the student will be able to,

- Understand different types of bricks, stones and wood, their physical and structural properties and application as a construction material
- Learn about techniques of dealing with brick, stone and wood for various purposes including joinery and finishing details
- Understand various structural systems and components with reference to material properties, form, span and space definition
- Understand various parameters of designing climate responsive buildings and its relationship with interior space planning and design

#### Content:

- I. Introduction to basic building materials: Brick, Stone, Wood: properties and behaviour of materials, different types/classification of brick, stone and wood, available sizes, terminologies, brick masonry construction, stone masonry construction, wood frame construction, composite construction, joinery and connections, finishing materials, their application and details.
- II. Building Components: Understanding construction of different building components in different materials and its relationship with interior space as space making/functional/design elements.



<p>III. Basics of Structures: Understanding various structural systems with reference to form, types, load transfer action under gravity &amp; lateral load, material, connections and span</p> <p>IV. Climate Responsive Building Design: Understanding the relationship between Natural environment and Built environment, effect of climate on habitat, shelter and environment, significance of materials and construction technology for climate responsive design, indoor environment and its design aspects.</p>		
Modules	Description	Hours
I Construction with Bricks	Brick and brick masonry construction: Brick and its types, properties and characteristics, sizes and manufacturing process, terminologies, types of bonds, brick masonry construction, mortar and finishes (plastering, jointing, pointing, coping etc.), Exposed Brick masonry and its challenges	12
II Construction with Stone	Stone and stone masonry construction: Stone and its types, properties and characteristics, quarrying and manufacturing process, different types of stone masonry construction like Random Rubble, Coursed Rubble, Ashlar, etc., significance of mortars, finishing of stone masonry (plastering, jointing, pointing, coping etc.)	12
III Construction with Wood	Wood- Frame construction: (i)Wood as Building Material: its physical properties and uses, defects, decay and preservation, seasoning. Industrial timbers, (ii)Wooded Frame construction: Understanding Timber frame construction for structural and non-structural building components: post & beam construction, floors, pitched roofs, partitions, openings (door/window), staircases with joinery and connections details,	12
IV Basics of Structure	Introduction to form and span based structural systems like arch, dome, vault, shell, folded plate, truss, space frame, Tensile membrane structures, deployable structures etc. and use of different materials like adobe, bamboo, brick, stone, RCC, steel, Timber, metal, ferrocement, etc in deriving form-based systems. Understanding layers of various structural systems and its relationship with interiors space formation.	16
V Climatic Studies	Introduction to concepts of climate, weather and seasons. Terminologies in climate and classification of climatic zones. Understanding Macroclimate and Microclimate, sun path movement and wind patterns and its effects on buildings and Importance of horizontal and vertical shading devices in a building.	12
All modules shall be supported with relevant labs/market survey/workshops/model making as per the requirement of the content.		



**References:**

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8. Ching F.D.K., Interior Design Illustrated, John Wiley & Sons, Inc.
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10. Parsons, Christiner, 1996, Marble, stone and granite: A source of book of styles and materials, Apple, London.
11. Rosenkranz et al., 2006. Construction Materials Manual, Birkhauser, Germany.
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INSTITUTE OF DESIGNPLANNING & TECHNOLOGY							
Faculty	Interior Design			Programme	B.ID.		
Year	I			Version	1.0		
Semester	II			Effective From	June 2021		
Course Code	BIID10204	Course Name	Society and Culture II				
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
2	2	-	2	100	40	30/60	100/200

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

### Emphasis

The emphasis is on approaching the built environment and space differentiation as critical features located in a broad social and cultural context. It stresses the cultural & political context from which settlement & structure arise. The emphasis is on challenging pre conceptions, developing visual intelligence and learning to read architecture as a shared cultural expression that registers and transcends time & space as all created structures embody a culture's complex aspiration within material creation. The course will provide introduction to Architectural typologies and terminologies.

### Course Outcome:

At the end of the course students will be able to

- Compare eras and regions of primary human settlements in order to define enduring issues.
- Understand how communities, places, spatial relationships create historic change.
- Describe influence of social organisation, cultural perception & natural environment on societies and civilization.
- Trace the development and dispersal of religion in the Indian sub-continent with special reference to Buddhism.

### Content

Understanding of factors influencing society, culture and resultant architecture; River valley civilizations of Nile & Indus with emphasis on Structures; Mesopotamian society and its creative articulation in architecture. Inception and dispersal of Buddhism; Early Buddhist, Cave & Rock cut architecture in India; Characteristics of Chinese architecture with reference to religion society, natural environment & belief system: study of types like temples, palaces, houses & cities of China.

The course will be divided between understanding of historical narrative and history of architecture not chronologically but depending on topics. It is necessary and justified to add sufficient flexibility, to include or exclude sub topics but the benefit of the learner is always the nucleus to the process. The content introduces learners to a broad yet detailed interdisciplinary approach towards analysis of selected historical structures/spaces and typologies in terms of form, functions, plans, hierarchy of spaces, building elements, building materials, construction technologies, ornamentation in the context of cultural, political and socio economic factors. With reference to civilizations and cultures, material culture and non-material culture i.e. political

CIE- Continuous Internal Evaluation, SE-Summative Evaluation (Jury/Viva/Theory Exam), TEE-Term End Evaluation, UE- University Exams (Jury/Viva/Theory Exam)



narrative, geography, climatic conditions, local resources, social stratification, religion and religious belief systems, architectural systems, urban planning, cities, visual arts, philosophy and dominant thought will be covered in adequate detail.

**References:**

1. Jia, Lanpo, 1980. Early Man in China. Foreign Languages Press, Beijing
2. Kostof, Spiro, 1995. A History of Architecture: Settings and Rituals. Oxford University Press, New York
3. Kubba, Shamil, 1987. Mesopotamian Architecture and Town Planning. B.A.R., Oxford
4. Mitra, Debala, 1980. Ajanta. Archaeological Survey of India, New Delhi
5. Oates, Joan, 1979. Babylon Ancient People and Places. Thames & Hudson, London
6. Possehl, Gregory, 1993. Harappan Civilization: A recent perspective. American Institute of Indian Studies, Columbia
7. Sarkar, H., 1966. Studies in Early Buddhist Architecture in India, Munshiram Manoharlal, Mumbai
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9. Steinhardt, Nancy Shatzman, 2002. Chinese Architecture. Yale Univ. Press, New Haven CT
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11. Trachtenberg, Marvin, 2002. Architecture, From Prehistory to Postmodernity. Abrams, New York



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Faculty	Interior Design			Programme	B.ID.		
Year	I			Version	1.0		
Semester	II			Effective From	June 2021		
Course Code	BIID10205	Course Name	Liberal Studies and Life Skills II				
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
2	2	-	2	100	100	-	100/200

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

### 1. Sociology

Various aspects of our behaviour, perceptions, and belief systems are impacted by our society. Studying sociology is beneficial both for the individual and for society. By studying sociology students will learn how to think critically about social issues and problems that confront our society. The module will introduce the social dimension of architecture as an aspirational response to cultural and economic realities of a community.

### 2. Psychology

The built environment has direct and indirect effects on human psychology. It has an impact on our senses, mood, emotions, motivations, judgments, decisions, health, and participation in physical activity and community life. Having a good built environment is important because it can give better performance, less distraction, and occupants comfort and satisfaction. With the majority of designed spaces being occupied by people, it can be assumed that a key indicator of the success of a design depends on how the space influences the human behaviour within that space. Studying Psychology enriches students by understanding human behaviour much better, with all its social interaction, language, communication, motivation, emotions, and decision making.

### 3. Voluntary Actions

Volunteering is an essential part of preparing students to "take responsibility as open minded, principled citizens in a global community." While performing such voluntary actions/ services, students have the opportunity to see first-hand just how much their work can have an impact on the world. Students can opt for volunteer services locally at food shelves, animal shelters, in old age homes, differently abled children schools and even at orphanages. They get to interact with people who have vastly different backgrounds, and learn patience and empathy as they develop a global perspective. It will help them to become sensitive to less privileged sections of community.

### 4. Environmental Awareness

Environmental awareness provides important opportunities for students to become engaged in real world issues that transcend classroom walls. They can see the relevance of their classroom studies to the complex environmental issues confronting our planet and they can acquire the skills they'll need to be creative problem solvers and powerful advocates. Environmental awareness is a process that allows individuals to explore environmental issues, engage in problem solving, and



take action to improve the environment. As a result, individuals develop a deeper understanding of environmental issues and have the skills to make informed and responsible decisions.  
Note: Four modules of 04 weeks each will be offered for life skill course.



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Faculty	Interior Design			Programme	B. ID		
Year	I			Version	1.0		
Semester	II			Effective From	June 2021		
Course Code	BIID16206	Course Name	Communication Skills and Personality Development				
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
2	-	2	2	100	40	30/60	100/200

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

<p><b>Emphasis</b></p> <p>The course focuses on sharpening Communication Skills as an essential soft skill in the professional world and acquiring traits of a positive Personality. This course introduces students to essentials of successful professional communication in varied situations and contexts. The personality domain recognises the importance of developing an integrated sense of personal identity, a positive sense of self and a personal code of ethics.</p>		
<p><b>Course Outcome</b></p> <p>After completion of this course, the student will be able to:</p> <ul style="list-style-type: none"> <li>Distinguish among various levels of organisational communication and communication barriers while developing an understanding of the communication process.</li> <li>Stimulate critical thinking by developing lucid writing skills</li> <li>Identify reasons for perceptual errors and overcome the same</li> <li>Demonstrate improved interpersonal skills by identifying and developing a repertoire of strategies for improved communication effectiveness and demonstrate strategies in oral and written contexts.</li> <li>Demonstrate positive group communication exchanges</li> <li>Apply appropriate communication skills across settings, purposes, and audiences</li> <li>Set personal growth targets and meet them using projection techniques</li> <li>Build positive self - esteem</li> <li>Inculcate qualities of a good team member as well as function as a team leader</li> <li>Negotiate complexities of professional and familial environment through improved interpersonal relationships.</li> </ul>		
<p><b>Content</b></p> <p>The course focuses on both verbal &amp; non-verbal communication skills and personality development through interactive exercises and experience-based learning.</p>		
Modules	Description	Hours
I <b>Self-Exploration &amp; Interpersonal Relationships</b>	<ul style="list-style-type: none"> <li>Self-Exploration - Reflecting on interests, values, skills, and personality traits, as well as key experiences</li> <li>Confidence Building &amp; Credibility</li> <li>Assertiveness and Self Confidence Training- Master techniques to overcome nervousness and speak with confidence</li> </ul>	12

CIE- Continuous Internal Evaluation, SE-Summative Evaluation (Jury/Viva/Theory Exam), TEE-Term End Evaluation, UE- University Exams (Jury/Viva/Theory Exam)



	<ul style="list-style-type: none"> <li>• Emotional Intelligence (EQ) -Articulate emotions using the right language</li> <li>• Recognition and dealing with difficult behaviour in others</li> <li>• Setting achievable goals in-line with personal values</li> <li>• Define and practice self-management, self-awareness, self-regulation, self-motivation and empathy</li> <li>• Forms of Interpersonal Relationships -Building Trust and Credibility</li> </ul>	
<p>II</p> <p><b>Group Dynamics &amp; Team Building</b></p>	<ul style="list-style-type: none"> <li>• Types of listening &amp; good listening practices - Summarize Spoken Text / Dictation</li> <li>• Conversations, Dialogues, and Debates</li> <li>• Group Discussions - Leading &amp; Motivating</li> <li>• Relate emotional intelligence to the workplace. Use the concepts and techniques in the workplace</li> </ul>	12
<p>III</p> <p><b>Communication Skills</b></p>	<ul style="list-style-type: none"> <li>• Active Listening Training</li> <li>• Inter Cultural Communication &amp; Public Speaking - The art of persuasion, situational dialogues &amp; role play.</li> <li>• Non-Verbal Training</li> <li>• Paraphrasing</li> <li>• Effective use of tone &amp; method for speaking on the spot</li> <li>• Creative Writing - Technical proposals, business writings, reports, resumes etc.</li> </ul>	8

**References:**

1. Kumar, Sanjay, LataPushp, 2015. Communication Skills. Oxford University Press, New Delhi
2. Suresh Kumar, E, 2012. Communication Skills and Soft skills. Pearson, New Delhi.



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Faculty	Interior Design			Programme	B.ID.		
Year	I			Version	1.0		
Semester	II			Effective From	June 2021		
Course Code	BIID14207	Course Name	Professional Elective 2 A				
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
2	2	-	2	100	40	30/60	100/200

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

### 206.1 Architectural Photography

All design students could prosper by learning to see light and how light alters the visual impact of built forms. Just as drawing allows students to refine their vision and perspective teaches how we see, the camera allows for yet another discipline to organically create with form and light.

This elective would teach students to create successful images of exterior architecture, interior architectural design, as well as architectural models. The student would become a highly competent creative digital photographic image creator with accurate exposure, proper colour correction, and excellent printing output. They will successfully use specific digital tools for the architectural image to correct distortion and capture mixed lighting with multiple exposures. Students would also learn basic editing for post processing.

### 206.2 Traditional & Contemporary Crafts

The objective is to impart an all-round and holistic education that will also preserve their own cultural assets, traditions. This elective has been introduced to expose students to learn, practice, and evaluate traditional and contemporary craft techniques.

As part of this elective, students will learn about traditional and contemporary crafts, and produce products that are both functional and decorative. Students will explore the tools and techniques used by local Gujarat cultures, especially folk arts and, tribal contemporary art practices. Students will gain a greater appreciation for craft objects and for the skill and craftsmanship required to produce a variety of crafts.

### 206.3 Sculpture

Sculpture involves space, materials, techniques, and ideas. It is an art of the extraordinary, as well as the everyday. This elective is an introduction to sculptural concepts and processes. It is focused on hands-on learning and critical thinking. The course is built upon exercises that introduce basic means of producing sculptural art while emphasizing aesthetic choices and critical evaluation. Students will be introduced to a variety of materials, their properties, and characteristics, while developing basic technical skills and an increased awareness of both aesthetic and conceptual choices as related to understanding of sculpture.



#### 206.4 Wall Murals & Graffiti

This elective is designed to gain a greater understanding of the relationship that exists between the arts and the community. Through presentations, readings, group discussions, site visits, and hands on exercises students will explore the many ways in which the arts impact the community as well as how the community impacts the arts. The main objective of this elective is for students to explore and develop their ideas visually and interrogate the impact of public art in communities, based on context and site specificity.

In terms of skills it will enable students to control scale, colour, elements of form, specific techniques. It will help them develop proposals into actual projects.

Note: The above electives are suggestive and alternative or additional electives can be offered from time to time by the institute.



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Faculty	Interior Design			Programme	B.ID		
Year	I			Version	1.0		
Semester	II			Effective From	June 2021		
Course Code	BIID18208	Course Name	Transdisciplinary Open Elective 2 B				
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
2	2	-	2	100	100	-	100/200

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

Note:

- A comprehensive List of the Transdisciplinary Open electives to be offered by other institutes of Sarvajanik University to students of Faculty of Interior Design, IDPT, will be available on Sarvajanik University Website.

CIE- Continuous Internal Evaluation, SE-Summative Evaluation (Jury/Viva/Theory Exam), TEE-Term End Evaluation, UE- University Exams (Jury/Viva/Theory Exam)



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INSTITUTE OF DESIGN PLANNING & TECHNOLOGY							
Faculty	Interior Design			Programme	B.ID		
Year	II			Version	1.0		
Semester	III			Effective From	June 2021		
Course Code	BIID13301	Course Name		Habitat Studio			
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
10	-	10	10	500	200	150/300	500/1000

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

### Emphasis

The studio emphasizes on understanding cultural idioms and complexities of a family into the dwelling. Emphasis of the studio is to achieve space optimisation, efficiency and desired user experiences in various scales of habitats. Studio will also focus on detailing of elements of spaces, functionality, user friendly solutions and contextually relevant design. The studio will revolve around juxta positioning of the elements of spatial design, optimisation, creating decent liveable spaces and integrating materiality. The attention will be on choice-based learning modules through peer learning and self-critique methodologies to develop a more inclusive and critically evolved understanding. The studio will also emphasize on teaching detailing and representation of the proposed design.

### Course Outcome

After completion of this course, the student will be able to:

- Understand habitat/dwelling design with respect to cultural features and user's choices
- Learn exploration of elements of design for efficient space planning
- Understand Space optimization and use of appropriate components.
- Learn application of appropriate Material explorations and detailing
- Carry out logical applications of space derivations and detailing of services.
- Understand interior aesthetics in relation to space planning.

### Content

The studio will imbibe the essence of an experiential space called home where humans live to get emotionally charged with a sense of bliss, excitement and simplicity. A habitat comprising the notions of space designs curated with care and warmth; where the everyday life takes an inspired form with a deep personal feeling. The studio will concentrate on designing meaningful spaces which reflect the identity of the inhabitants. There will be two modules or choice-based methodology to achieve a wide range of attitudes to design. The exercises will involve explicit learning modes to incorporate emotional and cultural expressions in the design. The outcomes of the studio will lead students to a series of learning like definition of a habitable space, understanding of synergies of space planning and creating modest as well flexible living environments. Students will use various model making methods to explore design.

CIE- Continuous Internal Evaluation, SE-Summativ Evaluation (Jury/Viva/Theory Exam), TEE-Term End Evaluation, UE- University Exams (Jury/Viva/Theory Exam)



Modules	Description	Hours
I Enriching Living Environments	<b>Enriching Living Environments</b> <ul style="list-style-type: none"> <li>• Study and analysis of various interior design parameters to understand cultural and social aspects of design.</li> <li>• Exploration of spatial elements for designing experiential spaces</li> <li>• Design deliberations of enhancement of spaces with respect to innovative ambiances of spaces in living environments.</li> <li>• Designing and detailing smaller components within the spaces to align with user needs and aspirations.</li> </ul>	
II Elemental notions in residential Interiors	<b>Elemental notions in residential Interiors</b> <ul style="list-style-type: none"> <li>• Understanding various elements with respect to space, scale, volume, materiality and its application.</li> <li>• Deriving an overall theme of the project through philosophical or cultural nuances which reflects the user's identity.</li> <li>• Exploring the design from micro to macro scale by designing various theme-based elements in a living environment.</li> <li>• Detailed designing with respect to materials and finishes which aligns with selected themes/styles/concept/philosophy.</li> </ul>	

**References:**

1. Chris Grimley, 2018. Mimi Love, The Interior Design Reference & Specification book – Everything an interior designer needs to know every day,
2. Courtney Nystuen, Maureen Mitton, 2006. Residential Interior Design: A Guide To Planning Spaces
3. Erin Gates, 2014. Elements of style: Designing a home & a life
4. Frank Ching, 1987. Interior design illustrated
5. Innovative Indian Interiors – New trends in Apartments, Pent houses and villas.
6. Joseph De Chiara, Julius Panero, and Martin Zelnik, 1991. Time-saver Standards for Interior Design and Space Planning
7. Lauren Liess, 2015. Habitat: The Field Guide to Decorating



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INSTITUTE OF DESIGN PLANNING & TECHNOLOGY							
Faculty	Interior Design			Programme	B.ID		
Year	II			Version	1.0		
Semester	III			Effective From	June 2021		
Course Code	BIID13302	Course Name		Furniture & Product Design I			
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
4	-	4	4	200	80	60/120	200/400

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

#### Emphasis:

The course focuses on understanding furniture and product in relation to design/style, evolution, typology, anthropometry, ergonomics & its functionality at a residential scale. Course focuses on stimulating students towards innovative design concepts with respect to offered studio modules which shall be harmonized with the process of design and detailing comprehensively. The intention of the course is to enable students to visualise and execute the processes related to residential furniture & product design from its inception to its implementation. Prime focus shall be to learn the fundamentals of residential furniture design with respect to its functionality and respective intricacies. Emphasis shall be on exploring various components like: structure, joinery mechanism, materials, finishes & furnishing of the respective furniture typologies.

#### Course Outcome:

With the successful completion of the course, student will be able to

- Understand the furniture & product typology in coherence - harmony with the language of built spaces.
- Understand scale, functionality & aesthetics with respect to residential interior spaces.
- Design innovative furniture & products, integrating the knowledge of anthropometry, ergonomics, materials & mechanism.
- Learn various design theory and identify the important role of the furniture designer in contemporary global society.
- Understand the basics of design budgeting & marketability.

#### Content

The Course will direct students to understand and develop various typologies of furniture & product typologies in relation to the offered design studio activities. The interventions shall integrate design by understanding behaviour of humans and subsequently designing suitable furniture & products in residential spaces.

The studio will help the students to understand the fundamentals of furniture design with respect to its use. The studio will focus on Design overview, detailing, tools & technical know-how, develop innovative and trendy typologies concerning the design studio elements & activities. Students will be able to analyse the space, user experience with cognitive ability to understand and address the trend, marketability & human comfort of the designed furniture / product

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typology in residential spaces. The outcome achieved could be in a graphical form, technical representations, & design drawing sets (2-dimensional & 3-dimensional), working models & prototypes.		
Modules	Description	Hours
I Design Fundamentals	Orientation & development of the skills, concepts and creative thinking needed to design a product & furniture for residential use & comfort.	16
II Conceptualisation	Developing the fundamental principles of design, learning drawing techniques, practical workshop skills/model making skills as a tool to represent design idea and concepts, understanding prototyping of design for multiple production, developing research skills with the help of expert Lectures and seminars by professional designers allowing to explore entrepreneurial aspirations.	16
III Design Process	Application of learning of Computer Aided Design softwares, latest industry standard tools, graphic design and visualization tools for design development process. Exploring possibilities of practical execution of designs through model makings, workshop and hands on experiments	16
IV End Product	Refinements in design, developing details and creating the product that is "market ready", presentation of the design products to industry clients for field engagement. Self-directed projects will allow one to explore the design / making process and hands on experiences on material & processes in depth	16

## References:

1. Asensio, Paco, 2002. Product Design
2. Bramston David, 2009. Basic Product Design Vol.-2 Material Thoughts
3. Busch, 1984. Akiko, Product Design: International Award-Winning Designs for the Home and office
4. Cerver, 1998. Francisco Asensio, New Modern Furniture Design
5. EissenKooos, (SteurRoselien.), 2007. Sketching: Drawing Techniques for Product Designers,
6. Lefteri, Chris, 2007. Making IT: Manufacturing Techniques for Product Design
7. Morris Richard, 2009. Fundamentals of Product Design
8. Postell Jim, 2007. Furniture Design,
9. Scevola, Annamarica, 199. Contemporary Italian Product Design
10. Tsuru, Kyuko, Elements & Total Concept of Urban Street Furniture Design
11. Vision Interactive Systems, 2007. Office Furniture Designs
12. Vision Interactive Systems, 2007. Home Furniture Designs



SARVAJANIK UNIVERSITY							
INSTITUTE OF DESIGN PLANNING & TECHNOLOGY							
Faculty	Interior Design			Programme	B.ID		
Year	II			Version	1.0		
Semester	III			Effective From	June 2021		
Course Code	BIID11303	Course Name	Interior Materials, Systems & Services I				
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
6	4	2	6	300	120	90/180	300/600

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

### Emphasis

The emphasis of this course is to introduce **“Hard Materials”** that have versatile and varied application in building design and to understand their impact on interior space perception and aesthetics. The focus is to learn about types and classification, manufacturing processes, finishing processes, uses and application techniques, maintenance aspects, and design integration for conventional materials like Concrete, Stone (natural and artificial), tiles, and by-products of wood. The Course further introduces Plumbing and Sanitation as fundamental building services along with its technical, design and execution aspects. The thrust of the course shall be on **“applied learning”** through site visits, market survey, case studies and design application.

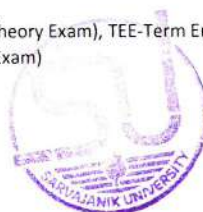
### Course Outcome

After completion of this course, the student will be able to,

- Identify and classify different hard materials
- Recognize concrete as a versatile building material, various surfaces finishes of concrete and its relationship with interiors
- Distinguish different types of stones (natural/artificial) and different types of tiles, its quarrying/manufacturing processes and its application in building design for various purposes like flooring/cladding along with its impact on interiors
- Understand wood and by-products of wood, its manufacturing process, surface finishes, joinery details and its application in building design for various purposes like flooring/cladding along with its impact in interiors
- Comprehend use of concrete, stone and wood in designing specific elements like opening, staircase etc.
- Understand Significance of designing plumbing and sanitation services for buildings and its integration in design
- Integrate knowledge gained through this course in design studio project

### Content

- Concrete and its application: Materiality of concrete, Concrete mix and properties, Factors affecting strength of concrete, application in building design, casting of concrete, finishes for concrete and significance of formwork for exposed concrete
- Stone and Tiles: different types and classification, manufacturing process, physical, chemical and structural properties, sizes, specifications and market availability, various structural/non-structural/functional application in building design and interiors, criteria to select the appropriate material for specific use.



<p>III. By-products of wood: basic understanding of by-products of wood, and its types, manufacturing process and its finishing techniques and methods, multiple uses of such products. criteria to select the appropriate material for specific use.</p> <p>IV. Building Services: Introduction to plumbing and sanitation as basic building services, understanding various types of plumbing and drainage systems and its components, understanding design, technical and execution aspects, fundamentals related to kitchen and toilet layout and preparation of execution drawings.</p>		
Modules	Description	Hours
<p><b>I</b> <b>Concrete</b></p>	<p>I. Materiality of concrete, ingredients of concrete, physical, chemical and structural properties, plain concrete and reinforced concrete, casting techniques, significance of formwork, finishes for concrete elements(plastering/colouring/cladding), exposed concrete and its impact on interior space, challenges of design in case of exposed concrete</p> <p>II. Versatility of concrete, concrete for form making, for designing space making elements like columns, ceilings, flooring, staircase etc., concrete and reinforced cement concrete as structural material, understanding structural grid in building and in interior space and its significance</p>	<p>8</p>
<p><b>II</b> <b>Stone</b></p>	<p>I. Introduction to different types and sub-classifications of Natural Stone (Marble, Granite, sand stone, lime stone-kota stone, slate, quartzite, Basalt, Travertine, Laterite etc.) with their characteristics, quarrying, processing, manufacturing and finishing processes and techniques/methods of fixing/joining with required tools/chemicals/adhesives for that, cost and maintenance aspects</p> <p>II. Introduction to artificial stones, characteristics, their manufacturing processes, techniques/methods of fixing/joining</p> <p>III. understanding various applications of stones in interior design</p>	<p>12</p>
<p><b>III</b> <b>Tiles</b></p>	<p>I. Introduction to tile as a building material, various types of tiles (classification based on materials like clay tile, ceramic tile, mosaic tile, concrete tiles etc, based on use like wall tiles, cladding tiles etc), manufacturing and finishing processes and techniques/methods of fixing/joining with required tools/chemicals/adhesives for that, cost and maintenance aspects</p> <p>II. Understanding various application of tiles in interior design</p>	<p>12</p>
<p><b>IV</b> <b>By Products of Wood</b></p>	<p>I. Introduction to various by products of Wood, its types (engineered wood, artificial wood, plywood, block boards, particle boards, MDF etc), manufacturing process, characteristics and differences</p> <p>II. Finishing materials and techniques for various wood products as laminate/veneer/chemical coatings etc., durability and maintenance aspects, available sizes and specifications.</p> <p>III. Understanding application and execution details of different products for various purposes like</p>	<p>16</p>



	partitions/furniture/ceiling/panelling etc and finishing details.	
<b>V Building Services</b>	<p>I. General Introduction about subject, plumbing &amp; sanitation, City level water supply, treatment, storage &amp; distribution, Building level water supply, storage &amp; distribution</p> <p>II. Plumbing and sanitation requirement in different types of buildings, Various types of building plumbing &amp; drainage system, materials for components of plumbing/drainage system (pipes, valves, traps etc), accessories (taps, faucets, sanitary wares, fittings, fixtures), understanding design aspects, technical aspects and execution aspects</p> <p>III. Designing toilet and kitchen layout: integration of aesthetics and functional aspects, understanding requirements and components, advance systems, modern fittings and fixtures, significance of service ducts, preparing overall service layouts for buildings and for specific space</p> <p>IV. Water efficient design: Water saving techniques, Rain water harvesting</p>	16
All modules shall be supported with relevant labs/market survey/workshops/model making as per the requirement of the content.		

**References:**

- 1 Bureau of Indian standards, 2000.National Building code of India, Bureau of Indian Standards
- 2 Deolalikar S.G. 1995.Plumbing: Design and Practice, Tata McGraw hill pub
- 3 Francis Ching D.K., Building Construction Illustrated
- 4 Parsons, Christiner, 1996, Marble, stone and granite: A source of book of styles and materials, Apple, London.
- 5 Treloar, R.D., 2009. Plumbing Encyclopaedia, Wiley-Blackwell, United Kingdom.
- 6 Treloar R.D. 2012. Plumbing Encyclopaedia, Wiley-Academy
- 7 Willianson, et al., 1999. Wood Engineering and construction Handbook, Mc Graw- Hill, New York.



SARVAJANIK UNIVERSITY							
INSTITUTE OF DESIGN PLANNING & TECHNOLOGY							
Faculty	Interior Design			Programme	B.ID		
Year	II			Version	1.0		
Semester	III			Effective From	June 2021		
Course Code	BIID10304	Course Name		History of Interior Design I			
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
2	2	-	2	100	40	30/60	100/ 200

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

### Emphasis

The course objective is to gain knowledge to two faces of the same space i.e. Architecture & Interior. The course examines Greece & Rome as cultures of major significance in consciousness of Western civilization. The course also examines links between early Christian and Byzantine period. The emphasis is on gaining knowledge of development of architecture & space design as a complex dialogue between needs of the time, technology & cultural aspiration. The course will give an introduction to Indian space design that was deeply religious in its spirit; it examines early influence of religion like Buddhism/Jainism in space design. The course also examines religion as a key force in development of structures and interior spaces in Europe and India.

### Course Outcome:

At the end of the course students will be able to

- Develop an overall understanding in the fields of the history of art, architecture & interior.
- Recognize social, political & religious influences in the designed environment.
- Understand progression of design response to new materials & technologies.
- Demonstrate knowledge of the history of classical interiors & architecture.
- Track the development of Christianity and its attendant structures and interior spaces thereof during early Christian and Byzantine periods.
- Identify features of Christian religious architecture & its influence on furniture of the medieval period.
- Understand furniture characteristics & typologies of classical & medieval period.
- Understand evolution of religious articulation beginning with rock-cut caves.
- Trace the development of Hindu & Jain temples form, evolution, motifs and decorative elements.

### Content

Introduction to architectural and engineering achievements of the Classical world; Assessment of major materials & construction techniques of Greece & Rome; Tracks cultural influence across period from early Greek to imperial Romans; Transformation of ceremonial as well as domestic Greek furniture and its adaptation by Romans; Christianity as a determinative aspect in architecture, design & art of medieval period in Europe; Outline of Architecture & Furniture during Byzantine, Romanesque & Gothic periods; Rock-cut cave architecture & interior ornamentation study through various examples in India; Inception & development of Hindu & Jain temple form with respect to planning principles & design elements; Development of regional styles of Hindu temples in India and manifestations thereof.

CIE- Continuous Internal Evaluation, SE-Summative Evaluation (Jury/Viva/Theory Exam), TEE-Term End Evaluation, UE- University Exams (Jury/Viva/Theory Exam)



**References:**

1. Blakemore Robbie, 2006, History of Interior Design & Furniture-From Ancient Egypt to Nineteenth Century Europe, John Wiley & Sons, Inc., New Jersey.
2. Kasu Ahmed, 2005, An Introduction to art, craft, science, technique & profession of Interior Design, Ashish Book Centre, Mumbai.
3. Mark Hinchman, 2009, History of Furniture – A Global View, Fairchild Books, New York.
4. Pile John &Gura Judith, 2014, A History of Interior Design, Laurence King Publishing, Canada.
5. Simon Yates, Constance Eileen King & Mark Bridge, 1997, An Encyclopaedia of Furniture, Quantum Books Ltd., London.



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INSTITUTE OF DESIGN, PLANNING & TECHNOLOGY							
Faculty	Interior Design			Programme	B.ID		
Year	II			Version	1.0		
Semester	III			Effective From	June 2021		
Course Code	BIID10305	Course Name		Liberal Studies and Life Skills III			
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
2	2	-	2	100	100	-	100/200

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

### 1. History of Arts

History of Art means the visual arts which may be defined as any activity or product made by humans in a visual form for aesthetical or communicative purposes, expressing ideas, emotions or, in general, a worldview. This elective course emphasizes a deep conceptual understanding of art historical concepts. Students will develop the essential skills of visual and contextual analysis. By examining works of art from diverse cultures and the relationships among these works, students develop an understanding of global artistic traditions. This elective would cover.

- Understanding of the basic terms, facts, and concepts in art history
- Comprehension of the progress of art as fluid development of a series of styles and trends that overlap and react to each other as well as to historical events
- Recognition of the basic concepts inherent in each style, and the outstanding exemplars of each.

### 2. Traditional Indian Arts

Indian folk artistry is uniquely recognized all over the world not only for richness of aesthetics but also as indicators of age-old habitual belief. Different religions, sects and beliefs have co-existed throughout Indian traditional life. The rural society's needs for art and craft objects are supplied by the local artists and craftsmen which are mainly of three types viz ritualistic, utilitarian and individualistic.

There are many kinds of ritualistic traditional art like Patachitra, Pichvai, Alpana, Kolam etc. Decorative wood carving, embroidery, basket work, earthen ware etc. are among the typical utilitarian folk art. These are made by rural artists without any formal training, and most of these designs are repeated generation after generation. After studying this elective, the learners will be able to:

- Describe the background and region of Traditional Arts of India.
- Identify the different regional traditional arts forms of India.
- Explain the medium, techniques and styles of these traditional arts.
- State the designs and motifs used in folk art.

CIE- Continuous Internal Evaluation, SE-Summative Evaluation (Jury/Viva/Theory Exam), TEE-Term End Evaluation,  
UE- University Exams (Jury/Viva/Theory Exam)



### 3. Art Appreciation

The purpose of Introduction to Art appreciation is to provide students with an understanding of the diverse ways in which cultures construct and represent their realities. Through thematic examination of both historical and contemporary art, students will acquire formal analysis skills to describe works of art and techniques of art production. Further building upon formal analysis, students will critically interpret and contextualize visual art forms.

Through this course, students would learn how to understand art by analysing it from several points of view. Subjects and symbolism, historic and cultural context (the “what” of a work), materials and techniques, elements and design principles (the “how” of a work), all come into play. Considering the “whys” behind works of art, however, may further enrich their appreciation of art.

### 4. Film Appreciation

This course would provide an introduction to the narrative and stylistic techniques used in filmmaking in order to more fully understand how meaning is constructed, conveyed, and interpreted in film. In a participatory interactive format, students would critically explore thought-provoking films and the creative approaches behind them, actively engaging with each work and developing their informed perspective through sessions, facilitated discussion, readings, movie screening and activities, and online blogs. Students will also explore areas and aspects of film criticism like genre studies, mythic structures and some of landmark modern and postmodern examples of world cinema.

Note: Four modules of 04 weeks each will be offered for life skill course.



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INSTITUTE OF DESIGNPLANNING & TECHNOLOGY							
Faculty	Interior Design			Programme	B.ID		
Year	II			Version	1.0		
Semester	III			Effective From	June 2021		
Course Code	BIID16306	Course Name	Building Information Modelling				
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
2	-	2	2	100	40	30/60	100/200

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

### Emphasis

The course focuses on "3D Modelling and Building Information Modelling" which enables students to represent ideas in third dimension and study Building and Interior spaces simulations. The course introduces students to the fundamental techniques of creating 3D model with all relevant technical data. The course also enables students to analyse technical data, understand estimation, energy consumption, wind analysis, etc. The course develops appropriate computer aided skills for visualization and technical representation of built forms and interior elements of spaces in different types of drawings.

### Course Outcome

After completion of this course, the student will be able to:

- Visualise and explore architecture and interior spatiality in volume, built mass, materiality simultaneously.
- Understand life cycle of a building/ interior design project from planning, design, construction and operations.
- Generate technical drawings – Working drawings.

### Content:

#### Revit Architecture Basics:

- Exploring the User Interface
- Revit Elements and Families
- Fundamentals of interior space design with elements available.
- Application in interior design with respect to various elements.

#### Basics of the Building Model:

- Creating and Modifying Levels and Modifying Grids
- Adding Structural System
- Creating a Basic Floor Plan
- Editing Tools
- Using pre-loaded families and generating-modifying families

#### Generating Estimation and Working Drawing:

- Generating Estimate, block cost and Working drawing
- Understanding printing layouts, sheets, etc.

CIE- Continuous Internal Evaluation, SE-Summative Evaluation (Jury/Viva/Theory Exam), TEE-Term End Evaluation, UE- University Exams (Jury/Viva/Theory Exam)



<b>Rendering:</b> <ul style="list-style-type: none"> <li>• Modifying model and setting up views for Rendering</li> <li>• Animation</li> </ul>		
<b>Interior space Simulation:</b> <ul style="list-style-type: none"> <li>• Basics of interior space simulations with respect to energy.</li> <li>• Basics of lighting design and illumination levels</li> <li>• Understanding heat/thermal diagrams</li> </ul>		
Modules	Description	Hours
I Exploring Software	<ul style="list-style-type: none"> <li>• Understanding applicability of software</li> <li>• Learning tools and its application</li> <li>• Learn to analyse site features like level differences, volume differences, undulations, positioning of services, etc.</li> </ul>	8
II Building modelling	<ul style="list-style-type: none"> <li>• Learning to create floor plans with all required technical inputs like material, structural system, and all building elements.</li> <li>• Introducing various wall, ceiling and floor elements with respective material finishes.</li> </ul>	10
III Technical Output	<ul style="list-style-type: none"> <li>• Learn to extract technical data like estimation, material quantity, construction phases, etc.</li> <li>• Learn to generate working drawings</li> <li>• Learn to set sheets, panels in different scales</li> </ul>	8
IV Rendering	<ul style="list-style-type: none"> <li>• Learn to set views</li> <li>• Learn to render animation</li> </ul>	6

**References:**

1. Autodesk Revit (BIM) tutorials for Interior design, Autodesk.
2. Lance Kirby, Eddy Krygiel, Marcus Kim, 'Mastering Autodesk Revit', Wiley, 2017



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INSTITUTE OF DESIGN PLANNING & TECHNOLOGY							
Faculty	Interior Design			Programme	B.ID		
Year	II			Version	1.0		
Semester	III			Effective From	June 2021		
Course Code	BIID14307	Course Name		Professional Elective 3 A			
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
2	2	-	2	100	40	30/60	100/200

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

### 306.1 Basics of Animation

Basics of Animation is an elective course for traditional animation. This elective would provide students the fundamental skills to produce traditional animation and the knowledge of the principles of animation to be built upon in subsequent courses leading up to the Portfolio course. Students can also apply skills learned in this class in other areas including motion graphics, stop motion and computer-generated animation. This elective is based around examination of concepts, characters and storyboards for basic animation production with major emphasis on creating movement and expression utilizing traditional or electronically generated image sequences. This elective would include design, storyboarding, stop-motion and character animation. This will give students a working knowledge of animation techniques necessary to design animation sequences.

### 306.2 Pottery

This elective would introduce students to experiment with pottery craft. Emphasis will be placed on the design elements; line, shape, texture, and colour. Focus will be on the hand building techniques; pinch, coil and slabs. Functional as well as sculptural applications will be explored. Introduction to traditional and historical pottery and ceramic arts will be incorporated into the studio experiences. Students will be introduced to the craft of wheel thrown pottery on a limited basis. Various glaze and decoration techniques for finishing work will be introduced in later classes.

Note: The above electives are suggestive and alternative or additional electives can be offered from time to time by the institute.



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Faculty	Interior Design			Programme	B.ID		
Year	II			Version	1.0		
Semester	III			Effective From	June 2021		
Course Code	BIID18308	Course Name		Transdisciplinary Open Elective 3 B			
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
2	2	-	2	100	100	-	100/200

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

Note:

- A comprehensive List of the Transdisciplinary Open electives to be offered by other institutes of Sarvajanik University to students of Faculty of Interior Design, IDPT, will be available on Sarvajanik University Website.



CIE- Continuous Internal Evaluation, SE-Summative Evaluation (Jury/Viva/Theory Exam), TEE-Term End Evaluation, UE- University Exams (Jury/Viva/Theory Exam)

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INSTITUTE OF DESIGN PLANNING & TECHNOLOGY							
Faculty	Interior Design			Programme	B.ID		
Year	II			Version	1.0		
Semester	IV			Effective From	June 2021		
Course Code	BIID13401	Course Name		Utility/Hospitality Studio			
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
10	-	10	10	500	200	150/300	500/1000

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

### Emphasis

The studio focuses on creating an innovative association between utility of space and interior aesthetics through understanding of form, function and design attributes. Spatial planning and design interventions for **hospitality, commercial, recreational and small-scale retail sectors** places shall be taken into account to understand the utilitarian nature of interior design. The studio emphasizes on exploring the new and futuristic trends in profitable design of such spaces along with explorations of new materials and technologies with respect to the nature of the spatial design project. Further the course also focuses on revealing the significance of contextual, cultural, economic domain in the design and perception of such utilitarian projects. The studio will also emphasize on teaching the detailing and representation of the proposed design.

### Course Outcome

With the successful completion of the course student will be able to:

- Understand different types of utility-based projects and design optimisation for the same
- Learn integration of functional and aesthetic values in design to achieve finest performance of the space
- Study and analyse existing design trends and typologies for inculcating better understanding of the programmatic content of the project.
- Synthesise principles and elements of spatial design with programmatic requirements and thereby to achieve a define design language.
- Understand materials, finishes and its application to create a visually pleasing and functionally efficient interior environment.

### Content

This studio will discuss the possibilities of exploring elements of designing which will respond to the requirements derived from the nature of the problem. These elements of design can play a vital role in shaping up the idea with respect to spatial organisation, volumetric expressionism, scale, materiality, integrating services etc. This studio will introduce a design thinking process to find solutions for the utilitarian nature of spaces in the built environment. The modules/tasks planned in the studio will enhance the learning of explorations into forms, scales, innovations in materials; social human aspects etc.

The learning process will enable the students to apply learned fundamental principles to multiple three-dimensional forms, structures, and products. Students will use various model making methods. Students will address the current context of the design of flexible spaces as they practice critical thinking, research, problem solving, and aesthetic refinement.

CIE- Continuous Internal Evaluation, SE-Summative Evaluation (Jury/Viva/Theory Exam), TEE-Term End Evaluation, UE- University Exams (Jury/Viva/Theory Exam)



Modules	Description	Hours
<b>I</b> <b>Synthesis in Form, space and Design</b>	<b>Synthesis in Form, space and Design</b> <ul style="list-style-type: none"> <li>• Study of various spatial forms of design as per given nature of the project to understand its complexity and efficiency.</li> <li>• Focus on learning various standard space optimisation strategies in design with respect to probable projects like hotels, banks, corporate spaces, health care centres etc.</li> <li>• Explorations of innovative forms within the spaces from various scales of components as a form of design expression.</li> <li>• Designing and detailing with respect to appropriate materials and finishes, construction and services.</li> </ul>	80
<b>II</b> <b>Exploring Utilitarian Mannerisms</b>	<b>Exploring Utilitarian Mannerisms in Interior design</b> <ul style="list-style-type: none"> <li>• Understanding the current trends in Utilitarian public spaces to derive more innovative solutions for future.</li> <li>• Exploration of dynamism in interior space design with respect to projects like restaurants, hospitality spaces, schools, multifunctional studios, co-working offices etc.</li> <li>• Focus on exploring new aspects of design to create more effective environments in commercial/public spaces.</li> <li>• Designing and detailing with respect to appropriate materials and finishes, construction and services.</li> </ul>	80

**References:**

1. Alfred Baucom, 2011.Hospitality Design for the Graying Generation
2. Alexi Marmot, Joanna Eley, 2000.Office Space Planning: Designs for Tomorrow's workplace
3. Cindy Allen, 2012. Best of Hospitality
4. Helen Parton, Kerstin Zumstein, 2011.Total Office Design: 50 Contemporary Workplaces
5. Jain Malkin, 1992. Hospital Interior Architecture: Creating Healing environments for patients
6. Mary Lou Bakker, 2012.Space Planning for Commercial Office Interiors
7. Olga Reid, Drew Plunkett, 2013.Detail in Contemporary Hotel Design
8. PilarChueca, 2007.Office Interiors



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INSTITUTE OF DESIGN PLANNING & TECHNOLOGY							
Faculty	Interior Design			Programme	B.ID		
Year	II			Version	1.0		
Semester	IV			Effective From	June 2021		
Course Code	BIID13402	Course Name		Furniture & Product Design II			
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
4	-	4	4	200	80	60/120	200/400

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

### Emphasis

The course concentrates on perceiving furniture and product in relation to design attributes & its functionality in utility based interior spaces. Course emphasises on exploring thought-provoking ideas through critical thinking and design detailing in offered studio projects. Further, this will drive students towards creating innovative design concepts with studio modules which shall synchronize the process of design and detailing. The purpose of the course is to enable students to visualise & execute the processes related to furniture & product design. Key focus is on understanding vital concepts like modular design, flexible furniture assemblies, foldable/retractable products and prototyping. Emphasis shall be on exploring various components like: structure, joinery mechanism, materials, finishes & furnishing of the respective furniture /product typologies. The course will also focus on understanding furniture and product design in utilitarian interior spaces from inception to application.

### Course Outcome

After completion of this course, the student will be able to,

- Understand the furniture & product typology in coherence - harmonizing with the language of viable spaces.
- Understand scale, functionality & aesthetics with respect to hospitality/utility interior spaces.
- Design innovative furniture & products, integrating the knowledge of anthropometry, ergonomics, materials & mechanism.
- Understand the processes of modularity in furniture design to achieve flexibility.
- Understand the basics of design budgeting & marketability.
- Understand Design theory and identify the important role of the furniture designer in a contemporary global society.
- Design furniture/system for space by applying knowledge of digital technology and create prototype.

### Content

The Course shall guide students to understand and develop various typologies of furniture & product typologies in relation to the offered design studio activities. The interventions shall integrate design by understanding behaviour of humans and subsequently designing suitable furniture & products in commercial/institutional/public spaces.

The studio shall focus on Design overview, detailing, tools & technical know-how, to develop innovative and trendy typologies concerning the design studio elements & activities. Students shall be able to analyse the space, user experience with Cognitive ability to understand and

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UE- University Exams (Jury/Viva/Theory Exam)



address the trend, marketability & human comfort of the designed furniture / product typology. The outcome achieved could be in a graphical form, technical representations, & design drawing sets (2-dimensional & 3-dimensional), working models & prototypes.

Modules	Description	Hours
<b>I Design Fundamentals</b>	Orientation & development of the skills, concepts and creative thinking needed to design a product & furniture for residential use & comfort.	16
<b>II Conceptualisation</b>	Developing the fundamental principles of design, learning drawing techniques, practical workshop skills/model making skills as a tool to represent design idea and concepts, understanding prototyping of design for multiple production, developing research skills with the help of expert Lectures and seminars by professional designers allowing to explore entrepreneurial aspirations.	16
<b>III Design Process</b>	Application of learning of Computer Aided Design softwares, latest industry standard tools, graphic design and visualization tools for design development process. Exploring possibilities of practical execution of designs through model makings, workshop and hands on experiments	16
<b>IV End Product</b>	Refinements in design, developing details and creating the product that is "market ready", presentation of the design products to industry clients for field engagement. Self-directed projects will allow one to explore the design / making process and hands on experiences on material & processes in depth	16

#### References:

1. Ashby Mike, Johnson Kara, Materials and Design: The Art and Science of Material Selection in Product Design
2. Asensio, Paco, 2002.Product Design
3. Bramston David, Basic Product Design Vol.-2 Material Thoughts, 2009.
4. Busch, Akiko, 1984. Product Design: International Award-Winning Designs for the Home and office
5. Cerver, Francisco Asensio, 1998. New Modern Furniture Design
6. EissenKooos,(SteurRoselien.), 2007.Sketching: Drawing Techniques for Product Designers
7. Lefteri, Chris, 2007. Making IT: Manufacturing Techniques for Product Design
8. Morris Richard, 2009.Fundamentals of Product Design
9. Postell Jim, 2007. Furniture Design
10. Scevola, Annamarica, 1999. Contemporary Italian Product Design
11. Tsuru, Kyuko, Elements & Total Concept of Urban Street Furniture Design
12. Vision Interactive Systems, 2007.Office Furniture Designs
13. Vision Interactive Systems, 2007. Home Furniture Designs



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INSTITUTE OF DESIGN PLANNING & TECHNOLOGY							
Faculty	Interior Design			Programme	B.ID		
Year	II			Version	1.0		
Semester	IV			Effective From	June 2021		
Course Code	BIID11403	Course Name		Interior Materials, Systems and Services II			
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
6	4	2	6	300	120	90/180	300/ 600

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

#### Emphasis

The emphasis of this course is on describing the role of materials in defining “interior aesthetics” by exploring the characteristics of materials like surface finish and texture, opacity and transparency, porosity and softness etc., and understanding its impact on interior space perception. The focus is to learn about selection criteria of materials for various interior components and elements of space making by knowing the properties of materials along with its types and classification, manufacturing processes, finishing processes, fixing methods and techniques, maintenance aspects, and design integration. The wide palette of materials like metal, glass, gypsum, polymer-based materials is explored here. The Course further introduces Lighting, Electrification and HVAC systems as fundamental building services along with its technical, design and execution aspects. The thrust of the course shall be on “applied learning” through site visits, market survey, case studies and design application.

#### Course Outcome

After completion of this course, the student will be able to,

- Explore the wide palette of materials and their different forms and types that can be used in interior space design
- Learn about multiple use of same material in interior space design
- Explore the possibility of designing same component/element in different materials and understand the interesting outcome with reference to aesthetical perceptions
- Understand significance of lighting design for efficiency of interior space and design lighting layout for the given space
- Develop electrical layout for the given space with understanding of technical aspects
- Understand different type of HVAC systems, its technical aspects and integration in interior space design
- Integrate knowledge gained through this course in design studio project

#### Content

- I. Introduction to metals, glass, gypsum and polymer-based materials (UPVC, Acrylic, Synthetic materials) understanding their properties, behaviour, variety of availability (form/size) and potentials as well limitations for designing elements and components of interiors.
- II. Understanding various fixtures/fittings, techniques for constructing ceiling systems, panelling systems/ partition systems and other design components using metals, glass, gypsum and polymer-based materials.

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<p>III. Understanding lighting design for building interiors and learning various technical and execution aspects for preparing electrical layout</p> <p>IV. Understanding HVAC systems, its types, technical aspects and design interiors for building interiors.</p>		
Modules	Description	Hours
<b>I Metals</b>	<p>Introduction to different types of metals (aluminium, copper, brass, zinc, lead) its properties, characteristics and manufacturing process. Versatility of metals and varied forms of availability for various purposes and uses in interior design like panels, sandwich panels, plats, fixtures and fittings for openings, partitions, ceiling flooring, wall cladding, furniture, installations etc.</p> <p>Understanding methods and techniques to work with metal and various finishes on metal surfaces.</p>	10
<b>II Glass</b>	<p>Introduction to Glass as a building material, properties, characteristics and manufacturing process, various types, sizes, versatility of uses and application in interior design for various purposes like partitions, openings, panelling, staircases, installations etc.</p> <p>Understanding methods and techniques to work with glass and various finishes on glass surfaces and its impact on interior space.</p>	10
<b>III Gypsum</b>	<p>Introduction to Gypsum as one of the widely used materials mainly in interior design, understanding its manufacturing process, sizes and form of availability, (gypsum blocks/gypsum panels and its types) use of gypsum products mainly for surface finish and acoustical purposes as ceiling and wall panels, partition panels etc.</p> <p>Installation techniques and methods, support assembly and surface finishes.</p>	10
<b>IV Polymer based material</b>	<p>Introduction to polymer-based surface materials like plastic, UPVC, acrylic, and other synthetic materials, understanding its properties, behaviour, availability, cost, sizes, shapes, finishes etc for interior components, elements, and products used in interior space designs.</p> <p>Use of polymer-based products as coating material along with its textures.</p>	10
<b>V Systems and Applications</b>	<p>Understanding methods and techniques of constructing ceiling systems, wall panelling systems, partition systems using metals/glass/gypsum boards/Acrylic panels etc along with its finishes. (design /hands on exercise in relation to design studio project)</p>	10
<b>VI Building Services- Electrification and HVAC</b>	<p>Introduction to lighting as an important aspect of interior design, various types of lighting required for various purposes and significance of creative lighting in interior design.</p> <p>Understanding Electrification as an important building service and tool to achieve desired lighting environment. Understanding electrical supply and other technical aspects of electrification in building/interior design, different types of wires and cables used in electrification, other accessories like DB, MB, MCB, switches, sockets,</p>	16



	<p>plug points etc. and its execution through efficient electrical layout.</p> <p>Introduction to technical aspects of preparing electrical layout, standard terms and symbols of electrical layout, designing electrical layout for a given space</p> <p>Basic understanding of HVAC systems and its significance in interior space design, functional and technical requirements of HVAC for different functions and purposes, technical terms and definitions</p> <p>Different types of heating-ventilating systems, its components and installation methods</p> <p>Different types of Airconditioning systems, its components and installation methods</p> <p>Preparation of HVAC layout and integration with overall design</p>	
<p>All modules shall be supported with relevant labs/market survey/workshops/model making as per the requirement of the content.</p>		

**References:**

1. Balkow, et al. 1999, Glass construction Manual, Birhauser Basel, Boston, Berlin.
2. Bureau of Indian standards, 2000.National Building code of India, Bureau of Indian Standards
3. Entwistle, Jill, 2012. Detail in Contemporary lighting design, Laurence King, London
4. Grehant, Bernard, 2013. Acoustics in Buildings, Thomas Telford, London.
5. Hall Fred, 2009.Building Service Handbook, Elsevier
6. Hall Frederick E., 2016. Building Services and Equipment Vol.- 1,2,3, Routledge
7. Hand book of designing and installation of services in building complex- high rise buildings by VK Jain, Jain, Publication. Khanna Publishers, New Delhi Khanna Publishers, New Delhi.
8. Kaltenbach, Frank, 2004. Translucent materials Glass, Plastic, Metals, Birkhauser, Munich Germany.
9. Koltas, Dimitris, 2016. Materials Manual and New Possibilities: Glass, Metal, Wood, Plastic Concrete, Link Books, Barcelona Spain.
10. Lefteri, et al., 2004. Metals Materials for inspiration design, Roto Vision, Switzerland.
11. Meyhofer, Drik, 2008. Magic metal building of steel, Aluminium, copper and Tin, Braun, Berlin.
12. Nelson Gordon, 1995.Architecture of Building services, B.T.Batsford
13. Uppal, S L ., 1996.Electrical Wiring, Estimating and Costing, Khanna Publishers



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INSTITUTE OF DESIGN PLANNING & TECHNOLOGY							
Faculty	Interior Design			Programme	B.ID		
Year	II			Version	1.0		
Semester	IV			Effective From	June 2021		
Course Code	BIID10404	Course Name		History of Interior Design II			
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
2	2	-	2	100	40	30/60	100/200

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

### Emphasis

The emphasis is on movements central to the periods of European Renaissance and Enlightenment, formulation of new typologies, artist & designers' response to new materials, techniques & technology as well as personal aspiration. It also covers development of visual arts with respect to changes in regimes of representation and media. The emphasis is also on overviewing developments in Europe & Asia from 18<sup>th</sup> century onwards with focus on major architectural movements & furniture developments central to the development of Modern period with design principles and analysis. The course also examines the advent of Islam and its influence in India.

### Course Outcome

After completion of this course, the student will be able to,

- Identify diverse geographical world traditions, social-political-cultural factors, historical periods, works of art & space design, their producers, and users.
- Understand the sequence of Renaissance, Baroque Rococo styles in succession.
- Recognize salient features due to changing perception and personal visions of Designers & Artists.
- Understand furniture characteristics & typologies of Renaissance & post renaissance period.
- Understand socio cultural, economic developments in the post-industrial world.
- Summarise changes in design thoughts and styles marking the advent of modernism.
- Identify common threads and differing conception of modern design around the globe.
- Understand few influential styles of the period e.g., Neoclassical, Empire, Victorian, Second Empire, Queen Anne, Art Nouveau style with art & craft movement.
- Understand significance of Islamist expansion in the Indian subcontinent through its decorative arts, and architecture.

### Content

The Renaissance in Italy and age of Enlightenment with focus on Renaissance, Baroque & Rococo in sacred & secular buildings through selected works in the field of Art and Design; Political, social & economic consequences of rapid Industrialisation in the world; Modern movements through selected examples; Thought and articulation in design during Modern period; Survey of sacred, commemorative, secular architecture and decorative arts in Islamic world during Sultanate & Mughal periods.

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**References:**

1. Blakemore Robbie, 2006, History of Interior Design & Furniture-From Ancient Egypt to Nineteenth Century Europe, John Wiley & Sons, Inc., New Jersey.
2. Kasu Ahmed, 2005, An Introduction to art, craft, science, technique & profession of Interior Design, Ashish Book Centre, Mumbai.
3. Mark Hinchman, 2009. History of Furniture – A Global View, Fairchild Books, New York.
4. Pile John &Gura Judith, 2014. A History of Interior Design, Laurence King Publishing, Canada.
5. Simon Yates, 1997. Constance Eileen King & Mark Bridge, An Encyclopaedia of Furniture, Quantum Books Ltd., London.



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INSTITUTE OF DESIGN PLANNING & TECHNOLOGY							
Faculty	Interior Design			Programme	B.ID		
Year	II			Version	1.0		
Semester	IV			Effective From	June 2021		
Course Code	BIID10405	Course Name		Liberal Studies and Life Skills IV			
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
2	2	-	2	100	100	-	100/200

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

### 1 Public Speaking

This course would be an introduction to speech communication which emphasizes the practical skill of public speaking, including techniques to lessen speaker anxiety, and critical skills to enhance speaker presentations. Its goal is to prepare students for success in typical public speaking situations and to provide them with the basic principles of organization and research needed for effective speeches. This course should cover following aspects of public speaking.

- Plan and prepare speeches that inform, persuade, or fulfil the needs of a special occasion and juries.
- How to outline speeches in a logical and thorough fashion.
- Analysis of audience and design of speeches accordingly.
- Evaluate speeches based on a variety of verbal and non-verbal criteria;
- Understand and explain the communication process.

### 2 Communication Design

Communication Design course includes the latest knowledge and technology focused on the future direction of visual communication and its diverse practices. This course should touch upon basics of graphic design, advertising, corporate branding, product packaging, publishing, web design. Students should gain basic understanding of communication design across a broad range of media. Students should gain exposure for the communication imperative in a commercial environment and learn how to respond confidently to design problems.

### 3 Branding and Marketing

In today's market scenario, almost any product can be transformed into a commodity with the aid of branding, replication, and marketing it for success. In this course, students will learn basics of branding and marketing. Effective Case studies will be used to develop analytical and brand management skills. Lectures and discussions on change management will provide requisite skills to implement brand marketing initiatives. By the conclusion of the course, participants will understand the key variables to successful Branding and marketing.

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#### 4 Creative writing, Journalism and Mass communication.

This course has been intended to equip students with the essential skills needed for creative writing, Journalism and mass communication.

- The course seeks to equip students for creative writings, journalism and mass communication through a hands-on approach to data gathering, editing and the design aspects of production.
- To provide students with a grounding in local/national/global realities with a view to enriching their competence/readiness for the field, and to enable them to be responsible, socially-aware practitioners of knowledge.
- To provide students with a thorough grounding in the expressive possibilities of the language, and to build through practice a comprehensive awareness of representation through narrative.

Note: Four modules of 04 weeks each will be offered for life skill course.



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Faculty	Interior Design			Programme	B.ID		
Year	II			Version	1.0		
Semester	IV			Effective From	June 2021		
Course Code	BIID16406	Course Name	Visual Narratives				
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
2	-	2	2	100	40	30/60	100/200

**Note:** Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

### Emphasis

The course focuses on "refining representational skills with computer aided designing tools" which enables students to express ideas in 2dimensional & 3dimensional length.

In addition to this the course also focuses on being imaginative in communicating one's own design in varied photorealistic techniques.

This course introduces students with the vital techniques of creating design with illustration, photo editing, multi-page layout and collaboration tools that accelerate project setup, creation, review and output with all relevant technical data.

### Course Outcome

With the successful completion of the course student will be able to:

- Understand elements of Digital Graphics.
- Understand, inform, convince & entertain Art in varied ways.
- Visualise and explore design graphically in abstraction & materiality simultaneously.
- Explore various mediums to express art
- Integrate graphics and art with design
- Visualize proper technical representation of graphics & design expressions in built forms.

### Content

This introductory course is designed to introduce students to the basic functionality and user interface of Adobe InDesign & other graphic developing softwares.

InDesign:

- Overview & basic functionality of the User Interface
- InDesign Elements and Families
- Fundamental techniques of the software.
- Creating/ modifying graphics, logos, symbols, shapes & layouts
- Customise the workspace/ editing tools
- Use various styles/effects/format text & work with the colour swatches
- Using various workspace pre-sets.



Modules	Description	Hours
I Exploring Software	<ul style="list-style-type: none"><li>• Understanding applicability of software</li><li>• Learning basic tools and building a basic InDesign Document</li><li>• Learn to analyse &amp; use techniques to customise the workspace/ modify the layout</li></ul>	16
II Fundamentals of Art & composition & its integration in design	<ul style="list-style-type: none"><li>• Learn to use various effects &amp; to create graphics</li><li>• Managing objects and layers using various styles</li><li>• To know how pre-flight &amp; package the design</li><li>• Learn to use techniques to design aesthetically pleasing graphics/art/design which also could be integrated in the built environment.</li></ul>	16

**References:**

- 1 Marcus Kim, 2017. Handbook/tutorial on Adobe, 'Mastering Autodesk InDesign', Wiley



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INSTITUTE OF DESIGN PLANNING & TECHNOLOGY							
Faculty	Interior Design			Programme	B.ID		
Year	II			Version	1.0		
Semester	IV			Effective From	June 2021		
Course Code	BIID14407	Course Name	Professional Elective 4 A				
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
2	2	-	2	100	40	30/60	100/200

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

#### 406.1 Film Making & Editing

This elective course serves as an introduction to the art of film making and post-production. Students would be exposed to the theory and practice of various editing styles in order to gain a better understanding of how stories are constructed in the editing room. Through demonstrations and hands-on experience, students learn advanced editing techniques. To further enhance projects, students would create small documentaries. Strong emphasis is placed on post-production techniques that improve the sound and image quality of the videos. Footage is provided for all exercises and projects. However, students are given the option to shoot new material for their final projects if desired.

#### 406.2 Wall Décor

This elective aims at providing the basis of wall décor concepts, certain principles, which help in maintaining a balance between various elements such as wall and floors. Wall décor has become as significant as any other elements of the any interior design projects in form of adding a splash of colour through paintings, wallpaper, frames, etc. gives a new identity to space. A well define wall provides a perfect finishing to the room. It completes the space and also helps to weave the story together. Wall art or a decor is a great finishing element that can enhance the appearance of the space to look elegant and not just functional. Space management is an important aspect not only pertains to the area of the floor but also includes the wall area and need keen attention to wall décor, to create an impact. The main objective of this elective is for students to explore and develop important basic designing skills and equips students to decide appropriate wall décor or the artwork on the wall with precise setting with creativity and imagination with an ideal focus of attention for the space.

Note: The above electives are suggestive and alternative or additional electives can be offered from time to time by the institute.



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Faculty	Interior Design			Programme	B.ID		
Year	II			Version	1.0		
Semester	IV			Effective From	June 2021		
Course Code	BIID18408	Course Name		Transdisciplinary Open Elective 4 B			
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
2	2	-	2	100	100	-	100/200

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

Note:

- A comprehensive List of the Transdisciplinary Open electives to be offered by other institutes of Sarvajani University to students of Faculty of Interior Design, IDPT, will be available on Sarvajani University Website.

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INSTITUTE OF DESIGN PLANNING & TECHNOLOGY							
Faculty	Interior Design			Programme	B.ID		
Year	III			Version	1.0		
Semester	V			Effective From	June 2021		
Course Code	BIID13501	Course Name		Retail Design Studio			
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
10	-	10	10	500	200	150/300	500/1000

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

### Emphasis

The studio will focus on understanding the dynamic trends of **retail and commercial** interior design of large Scale. The studio will emphasize on acquiring detailed know how about the nature of commercial spaces in relation to client's vision in ways that are practical, profitable, trendy and stylish, based on functionality and safety without compromising visual aesthetics. The intention is to make the student aware about complexities related to space planning, prototyping, marketing and branding. Throughout the course of the studio the emphasis will be on traversing through entire design process, from first sketches to computer renderings. Detailed input sessions of basic theoretical and technical training, as well as cultural contextual-economic background, the necessary elements in the creation of interior designs for commercial and retail spaces, will be provided. The studio shall focus on exploring a step beyond the traditional language of retail and learn how to design intellectually, absorbing, emotionally, philosophically and create visually inspiring spatial experiences for retail design.

### Course Outcome

After completion of this course, the student will be able to,

- Understand the dynamic tactics used by leading retail brands and their design philosophies.
- Study and analyse of current trends in commercial and retail design practices which might lead to testing, rethinking, and reworking the retail experience in an intensive design project.
- Learn creative and conceptual thinking in relation to popular culture to translate ideas into practical design.
- Explore into wide ranging principles of designing experiential spaces considering point of sales, display storage, window display and lighting systems.
- Carry out in depth expeditions into behavioural attitudes to engage customers by using advanced communication design in such spaces.

### Content

The design trends in this era are fast moving and inherently linked to the leading edge of popular culture in fashion, music and the visual arts. The intensive nature of the modules will encourage ideational and pragmatic thinking, helping to acquire knowledge with meaningful deliberations to develop creative skills for such complex design problems. The designed modules of studio will lay the ground to absorb various methodologies, prototyping techniques as well as a detailed understanding use of sustainable materials. The learnings methods will include highly intensive

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practical tasks, collaborative team work, workshops, seminars, site visits and opportunities to connect with various retail designers.

Students will undertake various stages of design like understand the category/brand; explore the possibilities based on the design brief, innovative spatial organisations, Prototyping and material and furniture, product design and integration of services. The course will also incorporate fundamentals of budgeting, estimation, costing and specifications for any project as an integral part of post design processes.

Modules	Description	Hours
<b>I</b> <b>Immersive spatial realities in retail design</b>	<b>Immersive spatial realities in retail design</b> <ul style="list-style-type: none"> <li>• Learning spatial dynamics of retail design in relation to the given project.</li> <li>• Creation of engaging experiences in retail designs by explorations of innovative ways of space, form, theme, styles, expressions etc.</li> <li>• Deriving new forms in spatial planning and organisations with respect to given project.</li> <li>• Designing lively and immersive spaces for better user experiences.</li> </ul>	60
<b>II</b> <b>Detailing in Design</b>	<b>Detailing in Design – assembly, surfaces and synchronisation.</b> <ul style="list-style-type: none"> <li>• Taking forward the spatiality and design features of the previous module, the student shall learn and design the detailed components in design.</li> <li>• Explorations into various assemblies of materials, finishes, structures, services and prototyping.</li> </ul>	60
<b>III</b> <b>Understanding Practicality</b>	<ul style="list-style-type: none"> <li>• Understanding estimation, budgeting, costing and specifications for the entire project</li> </ul>	40

#### References:

1. Brendan MacFarlane, 2018.Store Design: Experience-based Retail
2. Brendan MacFarlane, 2018.Stylish Retail Store Interiors
3. Christine M. Piotrowsk, 2012.Designing Commercial Interiors
4. David Kent Ballast, 1994.Interior Construction & Detailing for Designers and Architects
5. Drew Plunkett, Olga Reid, 2012.Detail in Contemporary Retail Design
6. Eugèni Pons, 2014.The Commercial Interior Book
7. Martin M. Pegler, 2015.Designing the Brand Identity in Retail Spaces
8. Mary Lou Bakker, 2012.Space Planning for Commercial Office Interiors
9. Otto Riewoldt, Jennifer Hudson, 2000.Retail Design
10. Stephen Anderson, Lynne Mesher2019. Retail Design



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INSTITUTE OF DESIGN PLANNING & TECHNOLOGY							
Faculty	Interior Design			Programme	B.ID		
Year	III			Version	1.0		
Semester	V			Effective From	June 2021		
Course Code	BIID13502	Course Name		Furniture & Product Design III			
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
4	-	4	4	200	80	60/120	200/400

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

#### Emphasis:

The course will focus on analysing furniture design in retail interior spaces with respect to its form, function and aesthetic value. The intention is to draw students' attention towards understanding the nature of spaces in retail design and to maximise its applicability at a larger scale. The principal focus of the course is to derive innovative design concepts which align with the offered design studio modules. The emphasis will also focus on developing efficient prototypes in furniture and product design for suitable retail interiors. The intention of the course is to enable students to visualise and execute the processes related to furniture & product design with concerns like multiplicity and scale of use. Emphasis shall be on exploring various trends & futuristic materials and techniques for interactive retail environments which will have better aesthetic sense as well functional effectiveness.

#### Course Outcome:

After completion of this course, the student will be able to,

- Understand the furniture & product typology in coherence - harmonizing with the language of viable spaces.
- Understand scale, functionality & aesthetics with respect to hospitality/utility interior spaces.
- Design innovative furniture & products, with various commodities like apparels, showroom products, hypermarket assemblies, small retail businesses etc.
- Understand the basics of design for mass production and ease of functioning.
- Understand the properties of new innovative materials with respect to structure, flexibility and longevity.

#### Content:

The course will indulge into exploring various design parameters applicable for commercial retail interior design. The course shall direct students to understand and develop various innovative prototypes in furniture & product design based on the offered design studio. The course will develop exercises which will derive furniture & products in retail spaces through behavioural science and human comfortability quotient. The course shall emphasis on design overview, detailing, tools & technical know-how, to develop innovative and up-to-the-minute typologies concerning the design studio elements & activities. Students shall be able to analyse the space,



user experience with perceptive ability to understand and address the trend, marketability & human comfort of the designed furniture / product typology. The modules of the courses will explore modular design assemblies in the context of retail design and mass customisation for design.

The outcome achieved could be in a graphical form, technical representations, & design drawing sets (2-dimensional & 3-dimensional), working models & prototypes.

Modules	Description	Hours
<b>I Design Fundamentals</b>	Orientation & development of the skills, concepts and creative thinking needed to design a product & furniture for residential use & comfort.	16
<b>II Conceptualisation</b>	Developing the fundamental principles of design, learning drawing techniques, practical workshop skills/model making skills as a tool to represent design idea and concepts, understanding prototyping of design for multiple production, developing research skills with the help of expert Lectures and seminars by professional designers allowing to explore entrepreneurial aspirations.	16
<b>III Design Process</b>	Application of learning of Computer Aided Design softwares, latest industry standard tools, graphic design and visualization tools for design development process. Exploring possibilities of practical execution of designs through model makings, workshop and hands on experiments	16
<b>IV End Product</b>	Refinements in design, developing details and creating the product that is "market ready", presentation of the design products to industry clients for field engagement. Self-directed projects will allow one to explore the design / making process and hands on experiences on material & processes in depth	16

#### References:

1. Cerver, Francisco Asensio, 1998. New Modern Furniture Design
2. Postell Jim, 2007. Furniture Design
3. Tsuru, Kyuko, Elements & Total Concept of Urban Street Furniture Design
4. Vision Interactive Systems, 2007. Office Furniture Designs,
5. Vision Interactive Systems, 2007. Home Furniture Designs



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INSTITUTE OF DESIGN PLANNING & TECHNOLOGY							
Faculty	Interior Design			Programme	B.ID		
Year	III			Version	1.0		
Semester	V			Effective From	June 2021		
Course Code	BIID11503	Course Name		Interior Material, System & Services III			
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
6	4	2	6	300	120	90/180	300/600

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

### Emphasis

The emphasis of this course is to introduce “soft materials” and its design application. The course introduces different types of Textiles-Fabrics and its uses for various functional purposes in interior design like furnishings, finishing, insulation, installations, coverings etc. including methods of use and aspects of creativity. The course also develops understanding about different types of “wet materials” i.e., types of plasters, paints, textured surface finishes, adhesives, chemical coatings etc. and its suitability for different conditions. As part of services, the course includes systems of vertical and horizontal movement such as elevators, escalators, travelator etc and its spatial integration with reference to space requirement and programme need. Another important thrust of the course is to develop a sound understanding about “fire safety in buildings”, covering all design, technical and execution aspects.

### Course Outcome

After completion of this course, the student will be able to,

- Identify different types of textile/fabrics and understand its varied applications in interior design
- Learn about different types of surface finishes, their characteristics and suitability for application
- Understand various types of vertical and horizontal movement systems and its integration in spatial design
- Recognize importance of fire safety in buildings and understand its design, technical and execution aspects
- Integrate knowledge gained through this course in design studio project

### Content:

- I. Textiles and fabrics: introduction to different types of textiles and fabrics, history of use as design element, application of fabrics for various purposes based on the type of fabric like thickness, fall, creativity potential in terms of colour, design and texture
- II. Wet materials: introduction to different types of surface finishes for solid walls like types of plasters, paints, textured surface finishes, adhesives, chemical coatings etc., along with suitability of application, water proofing/damp proofing chemicals and its application
- III. Introduction to different systems of vertical and horizontal movement in buildings like lifts, escalators, conveyor belt etc., their components, technical requirements and design

CIE- Continuous Internal Evaluation, SE-Summative Evaluation (Jury/Viva/Theory Exam), TEE-Term End Evaluation, UE- University Exams (Jury/Viva/Theory Exam)



integration		
IV. Introduction to different types of fire safety systems, its components, technical requirements and design integration		
Modules	Description	Hours
I Textile and Fabrics	Textiles in interiors: history and introduction, different types of textiles and fabrics with their characteristics, use and application of textiles and fabrics in interiors for various purposes: curtains, tapestry, carpets, rugs, liners, bed covers, bed backs etc., based on the type of fabric like thickness, fall, creativity potential in terms of colour, design and texture use of textile for insulation (wall coverings/floor coverings), explorations with textiles and fabrics: art installations, space coverings, drapes etc.	16
II Wet Materials	Introduction to different types of surface finishes for solid walls like types of plasters, paints (chemical based/water based), textured surface finishes, adhesives, chemical coatings etc., along with suitability of application, methods and techniques of application, water proofing/damp proofing chemicals and its application Surface finishes and indoor air quality: aspects of energy efficiency and green interiors Costing and specifications	16
III Vertical and Horizontal Movement systems	Introduction to different types of elevators based on sizes and technical specifications, use of different types of elevators for different types of buildings, components of elevators, space requirements, technical detailing, automation, and power supply needs. Different types of escalators/travelator based on its size and specifications, use of different types of escalators for different types of buildings (large commercial, public transit spaces, airports, multiplexes etc.)components of escalators, space requirements, technical detailing, automation, and power supply needs. case study of different types of buildings to understand different types of elevators/escalators and design integration, understanding standards for provision of lifts/elevators /escalators based on use and occupancy.	10
IV_ Fire Safety	Importance of Fire safety in buildings, causes of fire in buildings, design measures to avoid fire hazard, study of NBC for designing fire escape routes, fire staircase, corridor size based on use and occupancy, fire safety norms for different types of buildings understanding combustible and non-combustible materials, fire rating of materials, suitability of materials based on fire safety requirements Different types of firefighting systems, its components, technical	16

CIE- Continuous Internal Evaluation, SE-Summative Evaluation (Jury/Viva/Theory Exam), TEE-Term End Evaluation, UE- University Exams (Jury/Viva/Theory Exam)



	requirements, installation methods and design integration case study of different types of buildings to understand different types of elevators/escalators and design integration	
All modules shall be supported with relevant labs/market survey/workshops/model making as per the requirement of the content.		

**References:**

1. Barnard, et al.. 2014. Indian Textiles, Thames and Hudson, United Kingdom.
2. Braddock, et al. 1998. Techno Textiles revolutionary fabrics for fashion and design, Thames and Hudson, London.
3. Bureau of Indian standards, 2000.National Building code of India, Bureau of Indian Standards
4. Croome, Clements Derek, 2007. Intelligent Buildings Design, Management and operation, Thomas Telford, London.
5. Hall Fred, 2009.Building Service Handbook, Elsevier
6. Jobston, Ann, 2000. The Quilters book of Design, NTC/Contemporary Publishing, Hong Kong
7. Nielson, Karlaj, 2007. Interior Textiles Fabrics, Application and Historic Style, Hoboken, New Jersey.



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INSTITUTE OF DESIGN PLANNING & TECHNOLOGY							
Faculty	Interior Design			Programme	B.ID		
Year	III			Version	1.0		
Semester	V			Effective From	June 2021		
Course Code	BIID10504	Course Name	History of Interior Design III				
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
2	2	-	2	100	40	30/60	100/200

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

#### Emphasis

The emphasis is on overviewing developments in the world after 19<sup>th</sup> century. Further emphasis on major architectural movements & furniture development trends central to Modern & Post-Modern period with design principles and analysis. Canonical architects, designers, building, products & movements to be studied in detail.

#### Course Outcome:

After completion of this course, the student will be able to,

- Understand the developments of modern world in a historical context.
- Understand the developments context from continuation of modernism.
- Be aware about philosophy, life & work of master Architects/designers through their space planning & furniture/product design.
- elaborate changes in Indian Architecture & Design with advent of colonial powers.
- understand the quest for development of Indian Architecture and Design post-independence.

#### Content

Political, social & economic consequences of rapid changes in the world; Modern movements through selected examples; Thought and articulation in design during Post Modern period; Study of some master designers work around the globe; Pre & Post Independence developments in India.

#### References:

1. Blakemore Robbie, 2006, History of Interior Design & Furniture-From Ancient Egypt to Nineteenth Century Europe, John Wiley & Sons, Inc., New Jersey.
2. Kasu Ahmed, 2005, An Introduction to art, craft, science, technique & profession of Interior Design, Ashish Book Centre, Mumbai.
3. Hinchman Mark, 2009, History of Furniture – A Global View, Fairchild Books, New York.
4. Marcus George, 2005, Masters of Modern Design – A critical Assessment, The Monacelli Press, New York.
5. Pile John &Gura Judith, 2014, A History of Interior Design, Laurence King Publishing, Canada.

CIE- Continuous Internal Evaluation, SE-Summative Evaluation (Jury/Viva/Theory Exam), TEE-Term End Evaluation,  
UE- University Exams (Jury/Viva/Theory Exam)



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Faculty	Interior Design			Programme	B.ID		
Year	III			Version	1.0		
Semester	V			Effective From	June 2021		
Course Code	BIID16505	Course Name		Project Management			
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
2	2	-	2	100	40	30/60	100/200

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

#### Emphasis:

To introduce students to problems and techniques of Project management problems & techniques in the field. To develop an understanding regarding the economics and finance of the project with respect to its timeline. To introduce students to the importance of resource management and recent trends.

#### Course Outcome:

After completion of this course, the student will be able to,

- understand the Principles of Management with Advanced Research Techniques.
- develop successful strategies for the implementation of Project Management Techniques.
- understand the performance of projects and process.
- work successfully with community, public, private institution and individuals.

#### Content

Understanding of project management, Site Management and Construction Management, The Role of Interior Designer, Importance of the bar chart, CPM and PERT in project management, Planning, scheduling and financial management of the project.

Understanding various softwares used in Project management.

Modules	Description	Hours
<b>I Introduction</b>	<ul style="list-style-type: none"> <li>▪ Introduction of Management. It's Need, Importance &amp; Purpose</li> <li>▪ Introduction to the site Management</li> <li>▪ Introduction of basic terminologies, roles and responsibilities of Interior Designer</li> <li>▪ Understanding of different phases of Interior Design Project.</li> </ul>	8
<b>II Project Methods</b>	<ul style="list-style-type: none"> <li>▪ Exploration of different project delivery methods.</li> <li>▪ Understanding of Construction Management</li> <li>▪ Understanding methods of PERT &amp; CPM.</li> <li>▪ Bar Chart, , Critical event, critical activity, critical path and semi critical path, Non critical activity, float, types of floats.</li> <li>▪ Professional Communication</li> </ul>	10
<b>III Methodology of</b>	<ul style="list-style-type: none"> <li>▪ Planning &amp; Scheduling Tools Single &amp; Overlapping relationship</li> </ul>	6

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<b>Project management</b>	<ul style="list-style-type: none"><li>▪ Project Files or Job Books</li><li>▪ Specification</li><li>▪ Contract Documents</li></ul>	
<b>IV Project Integration</b>	<ul style="list-style-type: none"><li>▪ Integration of different type of work-sanitation, flooring, civil, steel reinforcement, woodwork. Etc.</li><li>▪ Employment, work distribution, salary of workers. Project Cost management- applying for loan, sanctions &amp; money distribution.</li></ul>	4
<b>V Resource Management</b>	<ul style="list-style-type: none"><li>▪ Understanding of Financial Statements and Their Analysis, Like Balance Sheet, Profit &amp; Loss Account</li><li>▪ Human Resources Management</li><li>▪ Introduction to basic software related to Project Management.</li></ul>	4

**References:**

1. Malhotra Ram. Architecture & Computer
2. Jain B.K. Cad & Interiors
3. Chilkara K.K. Construction Project Management
4. Chaudhary S. Project Management



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INSTITUTE OF DESIGN PLANNING & TECHNOLOGY							
Faculty	Interior Design			Programme	B.ID		
Year	III			Version	1.0		
Semester	V			Effective From	June 2021		
Course Code	BIID14506	Course Name		Professional Elective 5 A			
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
2	2	-	2	100	40	30/60	100/200

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

### 506.1 Colour Psychology

Colours are not just about aesthetics. Color and Space are fundamentally interrelated. Colours influence our intellectual and imaginative abilities. It is very important to enhance students' holistic understanding of sensitivity and perception around colours, relating with interior. The colours in a space have enormous effect on the moods of the users, directly affecting their day today routine and lifestyles. This elective is designed to strengthen a student's creative interests and understanding of the process and will be specifically looking at enhancing understanding of insights about colours through leanings from history, culture, nature, science and cognitive psychology, relating them with spatial perceptions in Interiors. It will further allow exploring the practical and application aspects equipping students to be able to make informed decisions in projects/designs while using the element of color.

### 506.2 Textiles in Interiors

In interior design, the term textile refers to any product that's woven or made of fabric. Textiles are important in interior design because they can help set a tone or bring elements together for a very finished appearance and these products are used in a variety of application include carpets and rugs, curtains, cushions, upholstered furniture and even items like towels and bed linens. Hence it is importance to familiarize the students on textile materials that can be used in interior Design and have an awareness of the classification, varied types of fabrics, textiles and fabric art, application of textile in a creative/thematic design project and to have knowledge and understanding of the functional and aesthetic requirements of textiles for a range of applications. The subject will cover broadly Textile arts and crafts, traditional and modern materials, patterns, surface designs, furnishings-types of furnishings, selection of material, design based on aesthetics, function and properties, care and maintenance and various uses etc.

**Note:** The above electives are suggestive and alternative or additional electives can be offered from time to time by the institute.



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Faculty	Interior Design			Programme	B.ID		
Year	III			Version	1.0		
Semester	VI			Effective From	June 2021		
Course Code	BIID16601	Course Name		Professional Training			
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
20	-	-	-	-	-	1000/2000	1000/2000

**Emphasis**

Professional training shall be undertaken during semester VI in the office of an Architect or an Interior Designer, duly approved by the institution. During this internship of 16 weeks student shall engage with work with a design practice and get trained under architects registered with COA or Interior Designer registered with IUID. Submission of 16 weeks work shall be in the form of compilation of weekly report & a portfolio, which is mandatory along with a completion certificate from firm at the end of training Stage wise examination will be conducted for assessment of practical exposure given to the student.

**Course Outcome**

After completion of this, the student will be able to:

- Understand the way interior design process evolves considering building structure & services issues to create the final output.
- Understand interrelationship between the working system of office & site correspondence, through drawings preparation at office and its execution on site.
- Get exposure in the field & understand the way design projects are carried out in offices.
- Enhance their skills of office & project management and team work to enhance their capability and employability.

**Content**

Student should be involved in office for various aspects of work mentioned below:

- Designing and detailing of project including discussions with consultants, clients & suppliers.
- Office experience with respect to preparation of presentation/execution/detailing drawings, 3D views, model, Space performance analysis, tender, research or any other compilation and documentation work.
- Periodic site visits should include to enhance the skills of observation, coordination with various agencies & supervision of ongoing project at site.

**Evaluation modules**

(shall be subdivided into examination sessions)

Submission of 16 weeks work shall be in form of compilation of weekly report & a portfolio is mandatory along with a completion certificate from firm at the end of training. Along with this, three-stage evaluation will be done through 18 hours (6 hours X 3 Days) examination.

CIE- Continuous Internal Evaluation, SE-Summative Evaluation (Jury/Viva/Theory Exam), TEE-Term End Evaluation, UE- University Exams (Jury/Viva/Theory Exam)



Modules	Description	Hours
I Day/Stage I	Preparation of design drawings through Conceptual process with understanding of program and presentation drawings.	6
II Day/Stage II	Preparation of execution drawing will be evaluated to show their understanding on various Furniture / Flooring / Ceiling / Building services aspects.	6
III Day/Stage III	Preparation of detail drawings will be evaluated like as detailing of furniture / partitions etc. along with its finishes, fixtures, application etc.	6



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Faculty	Interior Design			Programme	B.ID		
Year	III			Version	1.0		
Semester	VI			Effective From	June 2021		
Course Code	BIID14602	Course Name		Professional Elective 6 A			
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
2	-	-	-	-	-	100/200	100/200

#### Experiential learning (Hands on workshop /summer school)

The intention of this course is to give exposure to experience-based learning for the enhancement of knowledge/skills/professional attributes. Students are expected to undertake a workshop/summer school/training programme of minimum seven days to learn various physical/digital working tools/methods and to explore various platforms. The emphasis is on hands on learning that impact on designer's ability to understand various real-world situations and practical aspects. A completion certification is mandatory to earn the credits of the course.

**Note:** The above electives are suggestive and alternative or additional electives can be offered from time to time by the institute.



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Faculty	Interior Design			Programme	B.ID		
Year	IV			Version	1.0		
Semester	VII			Effective From	June 2021		
Course Code	BIID13701	Course Name		Transformation Design Studio			
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
14	-	14	14	700	280	210/420	700/1400

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

### Emphasis

The studio will concentrate on understanding the domain of Interior Architecture with corresponding learning fields of adaptation, reuse, preservation and retrofitting functions. The studio will outline the importance of documenting and analysing spatial components of existing structure for a meaningful transformation as a functional space. The studies will draw inspirations from the existing rich historical and cultural contextual languages which shall evoke the memories of the past. The intention of the studio process is to instil sensible approach-based design thinking. The studio emphasizes on various constructive theories and practices encompassing the principles of adaptive reuse. The impetus of the studio will be to strike a balance between various approaches of adaptive interventions with sustainable materials in a designated context.

### Course Outcome

After completion of this course, the student will be able to,

- Understand concept of Adaptive Reuse and Spatial Transformation.
- Learn various methods of documenting, analysing and re-inventing the functionality of spaces.
- Explore various methods of intervention with contextually relevant programmes.
- Undergo creative and conceptual thinking processes with respect to determinants of design.
- Carry out extensive research and application of appropriate materials used for interventions in historical context.
- Explore appropriate material and technologies to demonstrate the design.

### Content

The interventions in the spaces having physical and cultural context often need to constitute a balance between adaptive functionality and conservation systems. The studio will examine the potential of usage of the selected structure to derive a program relevant to the current trends in the market. The studio will have rigorous documentation and analytical exercises to map out the existing structure in detail. The main intent of the studio is to design an introvert space within the spatial and structural limitations of an existing structure complementing the cultural heritage of a space.

The studio tasks consist of sessions to develop relevant design understanding and detailing of openings, transitional elements of inside-outside, systems of lighting and ventilations, materials for ambiances etc. Structure and material application will be explored as an integral part of interior design.



Modules	Description	Hours
I Functional Continuum	<p><b>Functional Continuum – Exploring various design attitudes in historical context.</b></p> <ul style="list-style-type: none"> <li>Documenting the existing historical structure in detail with respect to space, structure, elements of aesthetics, cultural identity etc.</li> <li>Understanding the cultural and architectural identity of the place and space, students shall be deriving an appropriate program suitable to the available built spaces.</li> <li>Inquiry into various innovative adaptive re-use design approaches with minimum alterations with the given space.</li> <li>Exploring design philosophies into spatial organisations with respect to material finishes, aesthetics and ambiances, retaining cultural identity and enhancing spatial grandeur.</li> </ul>	112
II Adaptive Anomalies	<p><b>Adaptive Anomalies – Context/Concept/Content</b></p> <ul style="list-style-type: none"> <li>Documenting the existing historical structure in detail with respect to space, structure, elements of aesthetics, cultural identity etc.</li> <li>Learning various design parameters from various reference projects for understanding the philosophy of design.</li> <li>Decoding and integrating the dichotomy of existing space as well as proposed design through logical interventions through elements of space making.</li> <li>Creating a dialogue between the design concept/philosophy, the content for design and contextual identity of the space/building.</li> <li>Designing and detailing with respect to appropriate materials and finishes, construction and services.</li> </ul>	112

**References:**

1. BiePlevoets, Koenraad Van Cleempoel, 2019. Adaptive Reuse of the Built Heritage: Concepts and Cases of an Emerging Discipline
2. Chris van Uffelen, 2017. Rough Past Meets New Design
3. Françoise AstorgBollack, 2013. Old Buildings, New Forms: New Directions in Architectural Transformations
4. Graeme Brooker, 2016. Adaptation Strategies for Interior Architecture and Design
5. Kathryn Rogers Merlino, 2018. Building Reuse: Sustainability, Preservation, and the Value of Design
6. Paul Meurs, MarinkeSteenhuis, Reuse, 2017. Redevelop and Design: How the Dutch Deal with Heritage
7. Sally Stone, 2019. UnDoing Buildings: Adaptive Reuse and Cultural Memory
8. Stella Papanicolaou, 2019. Buildings Reimagined: A Dialogue between Old and New



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INSTITUTE OF DESIGN PLANNING & TECHNOLOGY							
Faculty	Interior Design			Programme	B.ID		
Year	IV			Version	1.0		
Semester	VII			Effective From	June 2021		
Course Code	BIID11702	Course Name		Advanced Interior Materials, Systems and Services			
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
6	4	2	6	300	120	90/180	300/600

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

#### Emphasis:

The emphasis of this course is to explore “**advanced and innovative materials**” and its application in interior design. The course focuses on Understanding materials with specific properties like flexibility/elasticity/tensegrity etc., their use with reference to definite purpose and relationship with overall design. The course further stresses upon Study of green materials, green products, green building rating systems and significance of healthy interiors integrating human-centred approach with new creative solutions, balancing aesthetics, product performance, sustainability and ease of manufacturing in design. The thrust of the course is “**research and application**”. The content for building services includes understanding acoustics, its significance in design, specific materials and installation methods. Building automation and its impact on energy efficiency is also introduced as part of this course.

#### Course Outcome:

After completion of this course, the student will be able to,

- Develop curiosity to know about new and innovative materials through research and inquiry
- Understand the need and significance of “developing material palate” that is appropriate to new demand as well as suitable to future needs, considering life cycle assessment and environmental impact
- Understand about concept of green interiors and its attributes
- Learn about materials/systems that are specifically used for acoustical performance of building and its relationship with interior design
- Learn about building automation systems / intelligent building systems and its impact on building performance and energy efficiency
- Integrate the knowledge gained through this course in design studio project

#### Content:

- I. Research study to understand new and advance materials having specific properties like flexibility, elasticity, tensegrity etc. (tensile fabrics, concrete canvas, polymer-based materials)
- II. Understanding “Green Materials” and “Green Products”: eco-friendly materials and

CIE- Continuous Internal Evaluation, SE-Summative Evaluation (Jury/Viva/Theory Exam), TEE-Term End Evaluation,  
UE- University Exams (Jury/Viva/Theory Exam)



<p>products, life cycle assessment and environmental impact of materials, recycled materials, reusability of materials, upcycling and downcycling of materials, "Green Interiors" and "IGBC Green Interior Rating Systems"</p> <p>III. Understanding Acoustics as an important aspect of interior design, different materials and their form of availability, methods and techniques of acoustical treatment for walls, floors and ceiling</p> <p>IV. Building Automation and various technologies, applications and systems of automation, impact of building automation in energy efficiency.</p>		
Modules	Description	Hours
<b>I Advance and Innovative materials</b>	Understanding "innovative" materials with reference to material property and characteristics, understanding application in any form of design (research-based module)	8
<b>II Green Material</b>	<p>Understanding concept of "Green Materials", Eco-Friendly Materials, manufacturing process, potential application of green materials, concept of 3R: Reduce, Reuse and Recycle, Life Cycle Assessment of materials, Environmental Impact of materials.</p> <p>(Example of green materials: coco tiles, tiles made of leather scrap, fabric wall tiles, strand woven bamboo flooring, cork flooring, reclaimed wood, recycled metal, bio-glass, jute fibres, low or no-VOC paints etc.)</p> <p>Note: The materials listed above are just suggestive; the module is flexible to accommodate latest development in research and innovation in material science.</p>	16
<b>III Green Interiors and Green interiors rating system</b>	<p>Introduction to concept of "Green Interiors", Various parameters to achieve green interiors, Understanding IGBC Green interior rating systems.</p> <p>Case study of "Green Interior" projects</p>	8
<b>IV Building Acoustics</b>	<p>Introduction to the acoustics. Understanding of basic terminology, Behaviour of sound in enclosed spaces, its reflection of sound, nature of reflection from plane, convex and concave surfaces, sound diffraction, absorption of sound, sound absorption coefficient, reverberation, sound absorbents, porous materials, panel or membrane absorbers and cavity or Humboldt resonators, role of functional absorbers.</p> <p>Application of the Thermal and sound insulation materials: mineral wool, unbounded rock and slag wool, polyurethane forms (PUF) etc., installation techniques and systems.</p>	16
<b>V Building Automation</b>	Introduction to Home Automation. Understanding of different types of the sensors, actuator and wiring method for the	16

	automation. Definition of the smart home and understanding the integration of different services and equipment with automation.	
All modules shall be supported with relevant labs/market survey/workshops/model making as per the requirement of the content.		

**References:**

1. Addington, et al. 2005, Smart materials and technologies for the architecture and design profession, Elsevier, Burlington
2. Bureau of Indian standards, 2000.National Building code of India, Bureau of Indian Standards
3. Cowan, James., 2000.Architectural Acoustics Design guide, McGraw hill.
4. Crocker, Malcolm J. 1998.Hand Book of Acoustics, John wiley& Sons
5. Farrelly et al., 2012. Materials and interior Design, Laurence King, London.
6. Grehant, Bernard., 1996.Acoustics in Buildings, Thomas Telford
7. Moxon, Sian, 2012. Sustainability in Interior Design, Laurence King, London.
8. Nelson Gordon, 1995.Architecture of Building services, B.T.Batsford



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Faculty	Interior Design			Programme	B.ID		
Year	IV			Version	1.0		
Semester	VII			Effective From	June 2021		
Course Code	BIID10703	Course Name		Heritage Conservation in Interiors			
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
2	2	-	2	100	40	30/60	100/200

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

### Emphasis

The emphasis of the course is to introduce various concepts of heritage conservation like restoration, rehabilitation & adaptive use specifically with reference to historic building interiors along with the theory & history of preservation. Further it develops an understanding about significance of heritage building interiors and approaches to deal with different heritage interiors appropriate to the context, style and functions.

### Course Outcome:

At the end of the course students will be able to

- Understand interior design styles of heritage buildings under various historical influences such as values, beliefs, symbolism and ideas shaping art and design
- Identify attributes and elements of heritage building interiors
- Learn about methods of preservation and conservation for heritage building interiors.
- Integrate the knowledge gained through this course in design studio project

### Content:

Conservation of heritage and historically important buildings, Approaches of Restoration, Rehabilitation, Adaptive reuse, Levels of intervention, Identification of different construction techniques, Art and craft involved in making of interior space, Revival of old building techniques and finishes, Principles of conservation, Interior components of the buildings and techniques of construction and inferring them.

Case studies of Adaptive Reuse, Documentation of existing heritage interiors.

### References:

1. A world guide to traditional techniques by Naqsh
2. BaisMitraja, Thakkar Jay & Dixit Samrudha, 2018, Sahaj : Vernacular Furniture of Gujarat, CEPT University Press, Ahmedabad.
3. Cohen Nahoum, 1999. Urban conservation. MIT Press
4. Mark Hinchman, 2009, History of Furniture – A Global View, Fairchild Books, New York.
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Published by Directorate General, Central Public Works Department

CIE- Continuous Internal Evaluation, SE-Summative Evaluation (Jury/Viva/Theory Exam), TEE-Term End Evaluation,  
UE- University Exams (Jury/Viva/Theory Exam)



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INSTITUTE OF DESIGN PLANNING & TECHNOLOGY							
Faculty	Interior Design			Programme	B.ID		
Year	IV			Version	1.0		
Semester	VII			Effective From	June 2021		
Course Code	BIID16704	Course Name		Research Methods and Application			
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
2	2	-	2	100	40	30/60	100/200

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

### Emphasis

This course introduces students to the research process, through critical exploration of published research, relevant to their field of interest. The course provides the understanding and use of the research terminology and integrates the elements of the research process within quantitative, qualitative, and mixed scientific methods approaches.

### Course Outcome

After successful completion of the course, the student will be able to:

1. Employ qualitative, quantitative, and mixed research methodologies to conduct research in interior design.
2. Apply the research process to problems in interior design and planning.
3. Master the literature in students' particular area of interest.
4. Design a research study using relevant approach and methods.
5. Critically read, interpret, and evaluate research proposals and publications.

### Content

Modules	Description	Hours
I	Introduction to Research and Academic Writing	2
II	Writing a Critical Review - Structure of a Critical Review	4
III	Research Structure - Content of the Scientific Work	2
IV	Developing the Research Problem Statement - Elaboration of Topic-Question-Working Hypothesis	4
V	Elaboration of Research Statement - Research Questions and Hypotheses	2
VI	Critical Review of a Scientific Article	4
VII	Writing the Literature Review	4
VIII	Methods in Scientific Research	2
IX	Developing the Research Proposal - Preparing the Proposal Draft for Research Synopsis for Dissertation OR Design Thesis	4
X	Writing a Scientific Research Article	4

CIE- Continuous Internal Evaluation, SE-Summative Evaluation (Jury/Viva/Theory Exam), TEE-Term End Evaluation, UE- University Exams (Jury/Viva/Theory Exam)



**References:**

1. Kate L. Turabian. 2007. A Manual for Writers of Research Papers, Theses, and Dissertations. Chicago Style for Student and Researchers, 7th edition. The University of Chicago Press.
2. Linda Groat, David Wang. 2013. Architectural Research Methods. Second Edition. Wiley.
3. Margaret Cargill, Patrick O'Connor. 2009. Writing Scientific Research Articles. Strategy and Steps. Wiley Blackwell.
4. Research Leap Manual on Academic Writing / <https://researchleap.com/research-leap-manual-academic-writing/>
5. Steven R. Terrell. 2016. Writing A Proposal for your Dissertation. Guidelines and Examples. The Guilford Press.



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Faculty	Interior Design			Programme	B.ID		
Year	IV			Version	1.0		
Semester	VII			Effective From	June 2021		
Course Code	BIID14705	Course Name		Professional Elective 7A			
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
2	2	-	2	100	40	30/60	100/200

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

### 706.1 Energy Efficiency in Interiors

Energy efficiency means using less energy to perform the same task – that is, eliminating energy waste. Interior design focuses on functionality but, energy efficiency is also conscious choice means that it doesn't use unnecessary energy, it reduces emissions, and utilizes renewable energy resources in turn, gives owners healthier and cleaner living spaces and it also provided cost-effective solutions. It is important to improve a building's energy efficiency, mainly by reducing the amount of energy needed for heating, lighting, running appliances, from air circulation to heating and cooling etc. and by providing renewable, non-carbon-based energy to the building. This elective course will provide students with knowledge of opt for a greener option, design for low environmental impact, waste reduction, longevity and flexibility, and healthy environments to incorporate energy efficiency and sustainable interior design.

### 706.2 Heritage Conservation in interior design

Protecting the historical, cultural, built heritage, conserving the local traditional and cultural values of communities for future generations present a real challenge. Hence it is important to create awareness about the rich cultural heritage and understand the importance of conserving the heritage in modern context. The objective of the course is to introduce the theory & history of heritage preservation, conservation and management with emphasis on restoration, rehabilitation & adaptive use of historic building interiors in present context. The students will gain understanding of the spaces, volumes, materials, surfaces, constructive aspects, actual and past functions and configurations, degradation, etc. as a result of continuous modification through time. It is also very important to understand the legal regulations on conservation, National and international methods of interior conservation, restoration, role of conservation agencies like ASI, INTACH, etc. This elective course would give overview of the various aspects of Rehabilitating interiors in historic buildings, complete process involved and detailing through case Study on restored Interiors, analysis of existing and restored complex for the change in activities, conservation and restoration of structures and interiors.

Note: The above electives are suggestive and alternative or additional electives can be offered from time to time by the institute.

CIE- Continuous Internal Evaluation, SE-Summative Evaluation (Jury/Viva/Theory Exam), TEE-Term End Evaluation, UE- University Exams (Jury/Viva/Theory Exam)



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INSTITUTE OF DESIGN PLANNING & TECHNOLOGY							
Faculty	Interior Design			Programme	B.ID		
Year	IV			Version	1.0		
Semester	VIII			Effective From	June 2021		
Course Code	BIID13801	Course Name		Design Thesis			
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
20	-	20	20	1000	400	300/600	1000/2000

**Note:** Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

### Emphasis

The course demonstrates students' ability of synthesizing learnings of spatial design, art and creativity, material science, building systems, applied engineering, liberal studies and humanities through a capstone project, which displays inventive and critical thinking abilities and skills developed through the course.

Developing design brief, proposal and justifying the project involves research, analysis and clarity in thought process. Interior Design Thesis focuses on handling complexities of the projects through research outcomes and critical thinking to achieve spatial resolutions, volumetric explorations, systems, services, material explorations, innovative construction details, etc.

### Course Outcome

After completion of this course, the student will be able to,

- Understand the topic by detailed research and develop an appropriate project premise.
- Develop functional programme appropriate to the chosen context.
- Develop design philosophy through critical thinking
- Develop appropriate design solution integrating aesthetical, functional and technical aspects including material explorations
- Detail out various micro components of interior spaces with respect to furniture, materials, finishes and décor palettes.



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Faculty	Interior Design			Programme	B.ID		
Year	IV			Version	1.0		
Semester	VIII			Effective From	June 2021		
Course Code	BIID10802	Course Name		Contemporary Trends and Philosophy			
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
2	2	-	2	100	40	30/60	100/ 200

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

### Emphasis

The emphasis is on an overview of developments in 20<sup>th</sup> century, social change and advances in technology that have reshaped the world, altered its planning & execution. Exploration of 21<sup>st</sup> century trends.

### Course Outcome:

After completion of this course, the student will be able to,

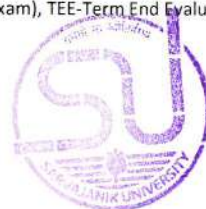
- understand the developments of 20<sup>th</sup> century.
- understand developments affecting interior design in the 21<sup>st</sup> century.
- understand philosophy & work of recent canonical designers through their space planning & furniture/product design.
- identify new fields of design.

### Content

Movements like post modernism, High-tech, Deconstructivism and minimalism etc. through selected examples; Thought and articulation in design during Post Modern period; Study of some master designers' work around the globe; Introduction to sustainability, Green Design, Social Welfare, Globalism etc. in emerging design world.

### References:

1. Kasu Ahmed, 2005, An Introduction to art, craft, science, technique & profession of Interior Design, Ashish Book Centre, Mumbai.
2. Marcus George, 2005, Masters of Modern Design – A critical Assessment, The Monacelli Press, New York.  
Mark Hinchman, 2009, History of Furniture – A Global View, Fairchild Books, New York
3. Pile John &Gura Judith, 2014, A History of Interior Design, Laurence King Publishing, Canada.



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INSTITUTE OF DESIGN PLANNING & TECHNOLOGY							
Faculty	Interior Design			Programme	B.ID		
Year	IV			Version	1.0		
Semester	VIII			Effective From	June 2021		
Course Code	BIID16803	Course Name		Professional Practice and Office Management			
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
2	2	-	2	100	40	30/60	100/200

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

### Emphasis

This subject discusses the nature of professional practice for Interior Designers and examine their roles in the delivery of various projects, their responsibilities and the dynamic relationship amongst stakeholders. The subject will examine the theoretical framework of the Designer's role in society and how this is realized in the practical world of managing a practice including office management. Topics will include the structure of the profession, regulation and self-governance, ethics, office administration, industry trends, liability exposure, during design and construction, and modes of project delivery.

The course attempts to introduce different roles to be played by the designer in managing the projects including communication, documentation, and the delivery of final product. This subject is structured to provide students exposure to various aspects related to practical field of professional practice and office management.

### Course Outcome:

After completion of this course, the student will be able to,

- Understand various tools and methodologies used during design, approval, documentation and execution phases of a project.
- Understand the legal underpinnings of the profession and also be aware about different liabilities and contexts in which designers operate.
- Understand the principles and procedures for the management of projects and the ability to apply cost control techniques.
- Develop an awareness of the issues and challenges facing contemporary professional practice.
- Develop an attitude of collaborative working and teamwork in the profession.

### Content

Subject will emphasize on understanding legal responsibilities, modes of practice, professional conduct, and office management. Content will include Introduction of Values, Morals & Ethics of Profession, Code of Conduct, Role & Responsibility of an Interior Designer and Role of professional bodies in Design Practice.



Modules	Description	Hours
<b>I Introduction</b>	Introduction to Profession of Interior Design, understanding role of various stake holders including professional bodies	4
<b>II Ethics, Morals &amp; Values</b>	Understanding of Professional Ethics, Morals & Values in Interior Design & Importance of the same.	8
<b>III Office Management</b>	Organizational Setup (Interior Designer's office, its structure & management, accounting, billing and taxation) Understanding the importance of coordination between designer, client, various consultants, various agencies, authorities and execution team Understand the importance of goal and decision-making process, time management skills, terms and condition of service in the professional practice of interior design. Understand various professional documents (tender, contract, agreements, mandatory provisions etc.)	12
<b>IV Softwares introduction</b>	Introduction to basic software related to Project Management.	8

**References:**

1. David Haviland Handbook of Professional Practice
2. Dr.Namavati, Roshan H. Professional Practice. Lakhani book depot
3. Kasu Ahmed, 2005, An Introduction to art, craft, science, technique & profession of Interior Design, Ashish Book Centre, Mumbai.
4. Phyllis Sloan Allen, Lynn M. Jones, Miriam F. Stimpson, Beginnings of Interior Environments



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INSTITUTE OF DESIGN PLANNING & TECHNOLOGY							
Faculty	Interior Design			Programme	B.ID		
Year	IV			Version	1.0		
Semester	VIII			Effective From	June 2021		
Course Code	BIID14804	Course Name		Professional Elective 8A			
Teaching Scheme				Examination Scheme			
Credits	Lecture	S/W/T	Total	CIE	UE		Total
					SE	TEE	
2	2	-	2	100	40	30/60	100/200

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

### 806.1 Interior Landscape

This elective will introduce the interdisciplinary field of landscape design and its significance in interior design to examine the emotional and sensory effects of indoor and outdoor plants and how landscape design can amalgamate the same with interior design. The objective of the elective is to make the students understand the components & concepts of landscape with relevance to Interior Design. The elective will cover interior landscape design principles and guidelines, hard and soft interior landscape design, green wall system, indoor planting, terrace garden and green roofing, landscaping of courtyards, irrigation system and equipment, automated irrigation system, drainage systems, use of interior landscape materials such as natural stone and artificial rocks, garden tile, use of water bodies in landscape-pools, fountains, cascades, garden furniture, sculptures, murals, artificial plants and other garden accessories. This elective would give exposure to develop ability to design various typologies of contemporary, indigenous landscape design schemes and to apply knowledge of ecology and sustainability in interior landscape design.

### 806.2 Lighting Design

This elective aims at providing the basic Introduction to Interior lighting and overview of interior, illumination lighting fixtures and fittings. Students will be given exposure in terms of principle of schematic lighting design planning of lighting, lighting needs, calculation of lighting levels, intensity levels, energy and installation costs and other factors, selection of fixtures, location and placing of fixtures and energy codes. The course will enable designers to incorporate special requirements of smart lighting systems, exploration of current tools, trends, materials, and technology and energy efficient designs in lighting systems. This elective course would give overview of the various aspects of design systems analysis of various lighting design and layouts through case Studies and design exercise based on research investigation and conceptual approach with detailing and prototype of indoor spaces keeping both human well-being and the standards of sustainable design in mind. The 'Lighting Design' provides students with the combination of creative and technical knowledge to manage lighting design projects necessary to manage professionally. This elective course would give overview of the various aspects of Rehabilitating interiors in historic buildings, complete process involved and detailing through case Study on restored

Note: The above electives are suggestive and alternative or additional electives can be offered from time to time by the institute.

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**ANNEXURE – I**  
**LIBERAL STUDIES & LIFE SKILLS ADDITIONAL TOPICS**  
(Can be offered from Time to Time by the institute)

**1. Gandhian Philosophy**

This module on Gandhian Philosophy would cover the concepts primarily concentrated on different aspects of Gandhi's life, work and philosophy. It is the study of fundamental and general problems associated with matters such as mind, reason, values, existence, knowledge and language. It includes Gandhi's views and perceptions on economic, social, gender, political, environmental and sustainable development, critiques and evaluation of Gandhian concepts and their relevance in the contemporary world.

**2. Indian Ethos and Vedic Lifestyle**

This course has been designed to create an exposure to Indian ethos and Vedic lifestyle on mind-set and value system of the students. The Vedas are comprehensive knowledge system of Indian ethos and lifestyle. The Vedas impacted every aspect of man's life. In Indian ethos module aspects of the Indian socio-political environment, Indian work ethos, Indian heritage in production and consumption, Indian perspective of values, Secular and Spiritual values would be covered.

The religion followed by the people also came to be known as Vedic Religion or Vaidika Dharma. The lifestyle followed came to be called as Vedic Lifestyle. Module of Vedic lifestyle would cover the aspect of sense of responsibility and duty, personal empowerment, sustainable lifestyle adoption, respect for sentient beings.

**3. Yoga Meditation and Health**

Yoga is one of the ancient subjects of Wellness. It is a methodical effort towards self-perfection through developing one's latent potential in the physical, intellectual and spiritual levels. The origin of yoga has been speculated to date back to pre-Vedic Indian period according to Rig Veda. Meditation will deepen the personal insight and awareness; and will exist beyond vibratory creation. The module aims to introduce beginners to Tools and techniques of yoga, secrets of visualization and to understand the qualities of thought which govern higher energy transformation. This course is aimed to give exposure to young students about practices and benefits of Yoga Meditation and Health.

**4. Sanskrit Language**

Sanskrit is an ancient and classical language of India and a source of later languages and literature across the world. The first ever book of the world Rigveda was compiled in Sanskrit. The body of Sanskrit literature encompasses a rich tradition of poetry and drama as well as scientific, technical, philosophical and religious texts. Sanskrit continues to be widely used as a ceremonial language in Hindu religious rituals and Buddhist practice in the form of hymns and chants. Sanskrit is a language with logical grammar and syntax. This course is aimed to introduce students to this Indian Legacy.



## 5 Indian Constitution

This module would introduce students to the Constitution of India. It begins by providing a brief overview of the history of the making of Indian Constitution. It would discuss the preamble and the basic structures of the Constitution. The fundamental rights, duties and the directive principles of state policy will be discussed thoroughly, followed by a discussion of the legislature. Some of the important sections of the Constitution that have influenced the history of India since independence will also be taken up for study. These include emergency powers and special provisions. There will also be a study of the important amendments to the Constitution like the 42nd and 44th amendments and other amendments like those related to the right to information, education, Panchayati raj and so on.

## 6 Indian Judiciary

The module is designed to give an outline of the Judicial System in India. It covers various aspects of Supreme Court, High Courts, Constitutional Law, Civil Justice System, Criminal Justice System, Special Courts and Tribunals. It helps the student to learn the significance of legal aid in the path to achieve justice. Further, the course focuses on fundamental needs related to civil rights and processes associated with police, law and justice.

## 7 Fundamental rights and RTI

This module is designated to cover two important aspects;

1) Fundamental Rights; this sub-module would give an outline of the protection of fundamental rights. It is represented by international and national conventions, instruments, documents, case law, etc used to protect human rights at international, regional and national levels. It has become the minimum standard of protection in most countries.

This sub-module on fundamental rights will examine such rights through their protection by international human rights law and its procedures. It will include a detailed consideration of global, regional, and national mechanisms for the protection of fundamental rights. It looks at the substantive and procedural aspects as well as selected topics. The course is designed to provide an overview to international human rights laws, mechanisms, and practices.

2) RTI; Transparency and Access to Information, is pivotal to the functioning of a democracy. In the Information Age, access to data, reports, documents, etc are sine qua non of every Individual. This course seeks to provide a comprehensive learning on the Right to Information, dealing with its multiple facets from a constitutional perspective to be a Statutory right, and thereby its evolution as an executory right through administrative and judicial process.

## 8 Democracy in India and issues

In this module students will engage in historical institutional analysis about the conditions that have brought the Indian State into existence. To explain Indian democracy, they will look at various institutional mechanisms, elite bargaining, and the deployment of force, accommodation of regional leaders and their political aspirations, economic development and the constant reconfiguration of caste, party and religious alliances. After successfully completing this course, students will be able to



- Describe and explain how institutions are set up to govern deeply diverse societies.
- Explore the interaction between democratic institutions and India's varied religious interests.
- Analyse the issues behind religious extremism, poverty, insurgencies and armed conflicts.
- Recognize political parties and evaluate how party politics and elections create and impact India's democratic institutions.

### **9 Participatory Planning and awareness**

Participatory planning is a process by which a community undertakes to reach a given socio-economic goal by consciously diagnosing its problems and charting a course of action to resolve those problems. Experts are needed, but only as facilitators. This course would provide students the opportunity to learn skills and techniques of participatory planning, the practice of engaging diverse people and groups for collecting information, mapping, taking feedback and making decisions. This course is aimed to equip students with following skills;

- How to use participatory planning techniques with community members to co-generate knowledge for social change?
- What are the appropriate methods for doing this?
- How to map and analyse indigenous knowledge by fusing it with information technology?

### **10 Organizational Behaviour**

The field of organizational behaviour is about understanding how people and groups in organizations behave, react, and interpret events. It also describes the role of organizational systems, structures, and processes in shaping behaviour, and explains how organizations really work. Because it explains how organizations work from individual motivation to team dynamics to organizational structure, knowing about it is essential to being effective at all organizational levels. This Course will provide opportunities to:

- Understand how organizations work and why people behave as they do in work settings.
- Improve students' ability to analyse and understand organizational situations.
- Improve students' skills in reacting appropriately to organizational situations using Organization behaviour concepts.
- Improve ability to create and maintain healthy and productive work environments.

### **11 Disaster Mitigation and First Aid**

This course enables students to have a better understanding and develop skills in handling disasters giving First Aid treatment in Emergencies in either the home or at the community level.

With knowledge of this course student will be able to demonstrate skill in providing First Aid treatment in emergencies that may be encountered in any settings. The following are the objectives of the course

- Comprehend the ways to manage and incidence of disaster.
- Understand the scope of First Aid and role of First Aid.
- Describe the techniques and equipment for First Aid
- Demonstrate the techniques of assessing a casualty.
- Describe the life saving measures for an unconscious casualty.
- Provide First Aid for emergency conditions.



- Identify and give First Aid treatment in community emergencies and natural disasters

## 12 Climate Change and Resilient city

This module is intended to provide an understanding of the challenges cities in the developing world face and may face in future given climate variability and change, and the urgency of taking action against the impacts of climate change. The module investigates the projected long-term impacts of climate change on cities; the contribution cities make to climate change and principles for how to measure GHG emissions; the vulnerability of cities in the developing world to climate variability and change given the already severe development challenges; an introduction to risk and vulnerability assessments; some broad-ranging, general adaptation and mitigation measures; what this all mean for urban planning and sustainable development.



## ANNEXURE – II

### TRANSDISCIPLINARY OPEN TOPICS

Suggestive list of electives to be offered as Transdisciplinary Electives by IDPT-SCET, to the Other Institutes of Sarvajani University .

#### 1 Calligraphy& Typography:

This is an introductory course in the history and exploration of basic principles of calligraphy and typography. The aim of this elective is to provide an overall knowledge of technicalities such as the use and handling of calligraphic pens, learning basic pen strokes, learning how to make a ladder for each script, how to proportion letters by using grid, along with the practise of writing a number of different calligraphic alphabets and also to provide suggestions in using calligraphy for craft based projects leading to self-employment.

#### 2 Photography:

Photography elective is a specialized course where the students can explore different aspects of photography with extensive practice with different subjects and perspectives. The scope of this course is to impart knowledge to students about the basics of photography and what entails a good photograph. The course is structured around the different aspects of photography like the camera, lighting, the subject and perspectives. The focus will be on sharpening the minds and knowledge of students in terms of different kinds of photography like still photography, street photography, wildlife photography, to name a few.

#### 3 Printmaking:

This elective will aim at developing vocabulary of printmaking terms and techniques. The Students will be guided through a structural program which includes historical, cultural and conceptual aspects of printmaking in brief. A variety of printmaking techniques will be learned and utilized. Basic Elements of Art and Principles of Design will be stressed within printed compositions. The course will involve activities to effectively experiment with a variety of materials and techniques in printmaking such as Collagraph, Mono prints, Linoleum block prints, and Wood Cuts print. This would include the basic understanding of Printing editions, numbered, titled and signed and a comparison amongst the various printing techniques.

#### 4 Puppet Making:

This elective will explore the age-old traditions of puppet making. Making puppets will be the main focus, while the students will also get a sneak peek at the cultural roots and rich history behind these enchanting forms of early entertainment. Through this elective the students will learn some quick and simple techniques for making puppets as well as the opportunity to make a slightly more complicated puppet and learn how to bring them to life. The students will get a brief introduction to a variety of different puppet styles and techniques. Most of the sessions will be practical and involve hands on puppet making exercises and experience about performing techniques.

#### 5 Recycling and Up cycling

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Activities related to Recycling and Upcycling are driven by science and technology. By learning this elective, Students can consider recycling and upcycling as an example of how science has moral implications in how it is applied. They can also learn recycling and upcycling in the context of how human activity uses energy and natural resources, and how these affect local and global environments, including their effect on global patterns of climate change. This elective would be composed of a series of interdisciplinary lessons and activities through which students learn the importance of reducing, reusing, recycling and upcycling.

### **6 Art of Origami and Kirigami**

Origami, from ori meaning "folding", and kami meaning "paper" (kami changes to gami due to rendaku)) is the art of paper folding, which is often associated with Japanese culture. Origami folders often use the Japanese word kirigami to refer to designs which use cuts. Main motive for proposing this elective is it engages students and enhances their skills -- including improved spatial perception and logical and sequential thinking. In a nutshell, Origami is good for design students as it develops –eye hand co-ordination, sequencing skills, maths reasoning, spatial skills, memory, but also patience and attention skills, mental concentration. All of this combined stimulates the brain – especially when BOTH hands are being used at the same time.

### **7 Painting (Charcoal/ Acrylic/ Oil/ Watercolour):**

This is an elective where students will explore and experience a variety of painting techniques, media, and historical approaches to art. Painting is a problem-solving course dealing with the elements of art and principles of design. Through the use of the world outside the classroom, models, drawings, photographs, and imagination, students will be able to develop their own individual and unique artistic voice. The student will get to explore a variety of materials including charcoal, acrylic, oil, watercolour, as well as a variety of experimental media to interpret and express their feelings.

### **8 Traditional & Contemporary Craft:**

To impart an all rounded and holistic education that equips the Indian youth of today to face challenges of a global and rapidly changing world, while preserving their own cultural assets, traditions and values. This elective aims at making them realise the critical role of the crafts community and its integral relationship to the Indian society. To provide students a hands on creative aesthetic experience of the unique visual and material culture of India by understanding the processes of creating a craft object from start to finish. This elective will further enable students to understand the relationship between tradition and contemporary trends, form and function, creator and consumer. All this will equip students with the tools to extend craft traditions to wider applications through applied crafts.



### **9 Sculpture:**

Sculpture involves space, materials, techniques, and ideas. It is an art of the extraordinary, as well as the everyday. The principle area of knowledge that will be addressed in this elective would involve exploratory learning about the formal, historical, and global dimensions of sculptural art. Student's will work alone or in groups using a range of materials from basic ones like cardboard and clay, to found objects, to totally experimental materials. Students will become familiar with several key sculptural techniques and formal ideas through hands-on workshops and experimentation with a variety of materials and three-dimensional assignments for the campus itself.

### **10 Textile- Weaving & Printing:**

This course is designed to give a basic overview of textile, identification of fibres, methods of yarn and fabric construction, and introduction to dyeing and printing. The major focus though would be about understanding the principles of dyeing, difference between dyeing and printing, styles of dyeing (like Resist and discharge), Hand printing (painting, stencil, block, spray) and a brief about machine printing and digital printing. This elective will include a lot of interesting projects where the student will have hands-on experience of dyeing and printing.

### **11 Traditional crafts of Gujarat:**

Gujarat has an array of a rich variety of tribal arts. Its embroidery, bead work, wood crafts, printed and woven clothes, pottery and tribal art are expressions of folklore and festivals. The exclusive range of these works of craftsmen and woven imbued with the social and cultural hue of the region from where they have sprung are original in nature and craftsmanship. Today far moved from the hut or the village of the craftsman, pieces of handicrafts come to adorn the houses of the elite, the five-star hotels both at home and abroad. This elective will elaborate on the evolution of various tribal art forms of Gujarat. Focus will be on hands on experience of some tribal art forms along with an understanding of the implication of the same in contemporary times, which would be on the basis of research conducted by the students about the related art form.

### **12 Urban Sketching:**

Everyday life is an endless source of inspiration when it comes to sketching. In fact, everything is sketch able. A great urban sketcher not only depicts what is in front of them, they also convey the feeling of a place. This elective will help students in how to tell the stories of everyday life, using fine liners, watercolours, but most of all, their unique perspective. Main focus will be on how to sketch quickly from observation without the constraints of any rules, it will also help aspiring urban sketchers to discover the curvilinear perspective, express their original stories with depth and feeling.

This course is also great for the budding painter to practise and to get into the habit of keeping a sketchbook for gathering information in preparation for painting pictures.

### **13 Wall Art/ Mural Painting/ Public art:**

This course will introduce theoretical, conceptual and practice-based aspects of wall art. It focuses on art as research, as a way of knowing and thinking through the process of creating. There will be



brief theory sessions reviewing different movements and styles. The course integrates an intensive design and conceptualization process with a practicum in large-scale wall arts, serving both as professional and social practice. The objective of this course is for participants to explore and develop their ideas visually and interrogate the impact of public art in communities, based on context and site specificity. In terms of skills, it will enable students to control scale, color, elements of form, specific techniques and safety measures aimed at public spaces. It will help them develop proposals into actual projects. They will also experiment with digital tools such as projectors and software to present sketches and final proposals. The course incorporates a project at the end wherein the participants of this elective will collectively create a mural for the institute.

#### **14 Communication art:**

This elective will cover all facets of effective communication, i.e writing, speaking, reading, listening, researching, illustrating, and more. Recognizing connections in what we hear, what we read, and what we write is more important than ever in a fast-paced world where there is so much new to learn. Ultimately, our goal is that each of the elements of this course will enable you to be a more articulate, fully-rounded person who is ready to participate in and contribute to the important conversations in your own life and in society as a whole. Not only will this course focus on the skills involved in selecting, researching, organizing and writing persuasive messages, it will also teach the students the skills they need to present their ideas effectively in public.

#### **15 Pottery/ Ceramics:**

It is a “hands on” course that will introduce students to building with clay. Focus will be on the hand building techniques; pinch, coil and slabs. Functional as well as sculptural applications will be explored. Introduction to traditional and historical pottery arts will be incorporated into the lab experiences. Students will also be introduced to the craft of wheel thrown pottery along with the basic knowledge of various glaze and decoration techniques for finishing work. Students will also be learning about differences in clay compositions, clay states and drying procedures. Included in this course will be an understanding of the kiln operation and firing process. The students will also learn about the preparation of clay through active participation in mixing, wedging and aging process involved in reworking and recycling used clay.

#### **16 Filmmaking & animation:**

This elective involves understanding the basics of creating a film through digital means and animation using the latest computer animation technology. This course will expose students to the range of techniques used in Claymation, stop-motion, 2-D or 3-D computer animation. They learn basic theory and mechanics behind animation, develop observational and drawing skills and study the fundamental principles of layout, character design, and storyboarding. The students will also explore the basics of Filmmaking which involve understanding the knowhow of the Editing techniques for Motion Picture, techniques of script writing, techniques of scene and short breakdown, basics of screen technique, the necessity of editing and the principles of editing.

#### **17 Lifestyle & Accessory design**

The Lifestyle Accessory Design elective educates and trains students to visualize and create lifestyle accessories and systems using different materials, processes and technologies. It relates to people's



way of living and the products they interact with, which form an important basis of their day- to-day lives. Focusing on personal and space accessories and products, it offers a strong multi-disciplinary edge wherein the students get an opportunity to work in wide spectrum of domains such as furniture, space accessories and interior objects. It delves into perception and trend studies of diverse dynamics that influence the lifestyles of various strata of society. The students from this elective aspire to drive the market by Designing for Changing Needs and Designing for Future Needs, and make 'Designed in India' a premier global brand.

### **18 Residential Interior design**

This course focuses on the fundamentals of designing for residential interiors. Throughout the course students will develop their skills, enthusiasm and flair for Interior design producing scaled hand drawings and presentation. Residential interior designers coordinate the interiors of homes, which means that their job is very from someone who designs interiors for something like a bank or a commercial center. Interior design is always a matter of balancing aesthetic and function, so we need to consider the primary function of a residence: it's a place where people live. Therefore, a residential designer's primary focus is creating a livable space. This means that residential designs need to be comfortable and usable. Think of what you use your home for. It's where you relax, cook, and eat. It may be where you entertain close friends or small groups of guests. You may have a home office for work. Residential needs tend to be focused on smaller groups and more relaxed atmospheres than you'd find in commercial building, and the interior designer needs to ensure that the colors, lighting, furniture, appliances, temperature, and general layout meet these needs. In other words, the interior needs to be livable.

### **19 Colour psychology**

Colour is one of the most fascinating things that human beings have experienced from the dawn of human existence. Colour psychology is the study of colour as it affects human behaviour. Although it is tempting to draw generalisations about how colours make us behave, it is important to remember that the effects differ between people – someone's age, gender and culture will influence the impact a particular colour will have on them. The course intends to introduce various aspects of colour perception and human feeling related to design. Human perception and feeling encompasses colour's objective and subjective application in design. The course would explore various subjective and objective applications of colour in design through practical as well as research-based exercises.

### **20 Interior material & finishes**

The interior design world is always upgrading and improving all the aspects that contribute to a better design and therefore a better lifestyle. The options of materials and finishes are growing day by day, we never had more access to a variety of raw materials and technologically sophisticated surfaces and styles like we do in the present. The market is full of choices and possibilities that can overwhelm and confuse you. The smart and ideal decision taken when deciding on specific finish is all based on the context, meaning that every case or project in interior design requires a specific finish treatment.



## 21 Building maintenance

Building Maintenance teaches diversified skills needed to maintain and renovate commercial and residential properties. Students are taught basic skills in electricity, carpentry, plumbing, heating and air conditioning maintenance. Training also includes painting, papering, and tiling. Which lays the foundation for further building maintenance courses by providing an overview of the field, including carpentry, plumbing, masonry, grounds maintenance, electrical procedures, environmental control systems and horticulture. The course is designed to provide both lectures and hands-on learning.

## 22 Product design

Product design consists in imagining and creating objects meant for mass production. The definition encompasses the physical aspects as well as the functionalities products should possess. Designing a new product goes through an analytical process and relies on a problem-solving approach to improve the quality of life of the end user and his or her interaction with the environment. It is about problem-solving, about visualizing the needs of the user and bringing a solution.

## 23 3R- Reduce, Reuse and Recycle

This elective will explore methods to achieve 3R's (Reduce, Reuse and Recycle) required in day-to-day life. Activities related to Recycling and Up cycling are driven by science and technology. By learning this elective, Students can consider recycling and up cycling as an example of how science has moral implications in how it is applied. They can also learn hacks of reusing and recycling in the context of how human activity uses energy and natural resources, and how these affect local and global environments, including their effect on global patterns of climate change. This elective would be composed of a series of interdisciplinary lessons and activities through which students learn the importance of reducing, reusing, recycling and up cycling.

## 24 Furnishing in Interiors.

This elective is an outline to an extensive multiplicity of soft furnishings in Interior Design, as an integral part of aesthetic values in Interiors; the element ups the space's tranquillity levels transforming the look of your space and exudes your personality and style. Soft furnishings are all those components that help to bring life & provide an inviting and comfortable ambience in a scattered across numerous spaces. The key objective of the study is to reveal the importance of soft furnishings in interior spaces & surfaces. To understand its evolution-early usage to the contemporary application in today's trend & marketability. Working on various projects will allow understanding the functional importance, budgeting and trends of furnishing - creativity to thrive over all print, digital and analogue media, platforms & prototypes. As they say "Don't underestimate the importance of a good pillow or a comfy couch ..."

## 25 Film Appreciations

The purpose of this elective is to examine the origins and growth of the motion picture from the beginnings in the latter 19th century to the present day. Focus includes film history and key developments in film technology; dramatic aspects of the narrative film; cinematography, film aesthetics, genres, and auteur study; sociological ramifications of film; and the general growth of



the business of the motion pictures industry. Supervised film viewing sessions are required. Course provides an emphasis on the analysis of the visual and aural aspects of selected motion pictures, historical growth and sociological effect of film as an art. This course empowers students to explore realities, relationships, and ideas of world culture through the study of cinema. Students analyse the basic elements of cinematic form as seen through essential properties of the medium including editing, cinematography, production design, and sound design and gain an appreciation of film history and for the impact of culture and technology on the development of the cinema.

### **26 Scientific Aspects of Vaastu & Fengshui**

Vaastu Shastra and Feng Shui are ancient science which makes the individual to live in balance and harmony with the panchtatva. Both are the only science which instructs us how to maintain best equilibrium of these five elements in a building and make best use of them to energize mental and physical energies of inhabitants to the maximum extent. But in recent years, because of lack of scientific teaching, it was being practiced as mere superstition. This elective would expose student to scientific aspects of Vaastu Shastra and Feng Shui so in future they could use real essence of both ancient sciences.

### **27 Water harvesting & recycling**

Rain Water harvesting and waste water recycling are major issues in a highly populated country like India. Sound knowledge and skill is very essential for proper water harvesting and recycling, both are prerequisite for meeting the problem effectively. The message involved in the proposed elective course could be spread to the public at large by through the learners.

This elective is divided into a theoretical part, as well as practical case studies and an overview of the technological innovations in the field of Rain water harvesting and waste water recycling.

### **28 Automation in Interiors**

Interior automation is a part of building automation for a house, also called as smart home. It mainly handles the control and automation of heating, ventilation, air conditioning (HVAC), lighting, security, and home appliances. Looking ahead to the next few years, smart home technology will continue to become more and more prevalent in society. This will inevitably lead to an increased demand for installation professionals who are able to install smart home systems and who are connected cohesively. This elective course is intended to provide a general overview, technological and futuristic prospects of smart home technology.

**NOTE:** A comprehensive List of the Transdisciplinary Open electives to be offered by other institutes of Sarvajanik University to students of Faculty of Interior Design, IDPT, will be available on Sarvajanik University Website.





Subject Code	YEAR 1 (Foundation)			YEAR 2 (Exploration)			YEAR 3 (Exploration)			YEAR 4 (Professional)			Total Credit	
	Group	Course Code	Credits	Course Code	Credits	Course Code	Credits	Course Code	Credits	Course Code	Credits	Course Code		Credits
Professional Design (PDC)	Architecture	ARCH1001	10	ARCH1002	10	ARCH1003	10	ARCH1004	10	ARCH1005	10	ARCH1006	10	104
		ARCH1007	10	ARCH1008	10	ARCH1009	10	ARCH1010	10	ARCH1011	10	ARCH1012	10	
Professional Design (PDC)	Architecture	ARCH2001	4	ARCH2002	4	ARCH2003	4	ARCH2004	4	ARCH2005	4	ARCH2006	4	36
		ARCH2007	4	ARCH2008	4	ARCH2009	4	ARCH2010	4	ARCH2011	4	ARCH2012	4	
Professional Design (PDC)	Architecture	ARCH3001	2	ARCH3002	2	ARCH3003	2	ARCH3004	2	ARCH3005	2	ARCH3006	2	22
		ARCH3007	2	ARCH3008	2	ARCH3009	2	ARCH3010	2	ARCH3011	2	ARCH3012	2	
Professional Design (PDC)	Architecture	ARCH4001	2	ARCH4002	2	ARCH4003	2	ARCH4004	2	ARCH4005	2	ARCH4006	2	34
		ARCH4007	2	ARCH4008	2	ARCH4009	2	ARCH4010	2	ARCH4011	2	ARCH4012	2	
Professional Design (PDC)	Architecture	ARCH5001	2	ARCH5002	2	ARCH5003	2	ARCH5004	2	ARCH5005	2	ARCH5006	2	24
		ARCH5007	2	ARCH5008	2	ARCH5009	2	ARCH5010	2	ARCH5011	2	ARCH5012	2	
Total Credits			30	30	30	30	30	30	30	22	26	26	26	220

MAJOR IN INTERIOR DESIGN  
SARAWAK UNIVERSITY OF SCIENCE

YEAR 1 (Foundation)

YEAR 2 (Exploration)

YEAR 3 (Exploration)

YEAR 4 (Professional)

PROFESSIONALLY SKILLED

INTELLECTUALLY COMPETENT

PROFESSIONALLY SKILLED

PROFESSIONALLY SKILLED

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