



**CURRICULUM  
FOR  
“BACHELOR OF  
INTERIOR DESIGN  
(B.ID)”  
w.e.f. Academic Year 2023-24**

*॥ 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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## SARVAJANIK COLOURTEX SCHOOL OF INTERIOR DESIGN

### PRELUDE

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

Sarvajani 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 Sarvajani University is all set to start its voyage for the new era by becoming a constituent of the Sarvajani University. A student centric choice-based approach is the foundation of the formulation of the program 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 of Interior Design program**

IDPT of Sarvajani University, will have full time 4 years program offering Bachelor of Interior Design. The syllabus of Interior Design Program has been designed with a vision to make it 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.





**Course Curriculum**  
**Bachelor of Interior Design**

The Course Curriculum proposed and drafted by **Academic and Curriculum Committee of Interior Design** under the Faculty of Architecture, Design, Planning and Technology in the meeting held on 28/02/2024 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 29-02-2024 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 29-02-2024 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 25/04/24.

**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 2023-24



**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. To recognise designers as important influencers in creation of a just and equitable society.
4. To 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.



## SYLLABUS REVISION: VERSION 2

The syllabus proposed in August 2021, for the FOUR years Programme of Bachelors of Interior Design @ IDPT-SCET was designed with a major thrust on learner centric choice-based education. Majority of the concerns expressed in NEP(National Education Policy) 2020 were also taken into account in this newly proposed (version I) syllabus for all programmes at IDPT-SCET-SU. Introduction of Transdisciplinary Open Electives, Liberal studies and Life Skills courses and module-based learning are major revolutionary decisions incorporated in the syllabus. In April 2023, UGC further proposed NEP-CCFURP-(Credit Curriculum Framework for Undergraduate program) and Draft NHEQF – (National Higher Education Qualifications Framework) prepared on the basis of the report submitted by the high-level committee comprising members of various higher level educational authorities. In line with this, KCG (Knowledge Consortium of Gujarat-), also issued guidelines highlighting the inclusion of IKS (Indian Knowledge system) and OJT (On Job Training) in the curriculum. This proposed revised version II of syllabus for Four Years programme of Bachelor of Interior Design @ IDPT-SCET-SU has been prepared after intense deliberations in the context of all the above-mentioned guidelines ensuring the mapping of credit framework and curriculum with that. The Syllabus also incorporates multiple exit options and provision for re-joining the course in a stipulated time frame, and shall be applicable from the admission year 2023-2024.

### GROUP OF SUBJECTS

Distribution of courses is done as per the framework provided by All India Council for Technical Education, NEP and UGC. The 6 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

The five major groups of subjects proposed in Syllabus I are restructured in six groups, and summer internship as well as research project/dissertation option have been added. Credits are also redistributed as per this revision, while reducing the overall credits of Four years Degree programme to 180.

Group of subjects proposed in accordance with the UGC/KCG framework:



- Major (Core) (Disciplinary/Interdisciplinary Major)
- Minor Stream (Disciplinary/Interdisciplinary Minor)
- Multidisciplinary/Interdisciplinary
- Ability Enhancement Courses (AEC)
- Skill Enhancement (Elective) Course (SEC)
- Common Value Added (Elective) Courses (VAC)
- Summer Internship
- Research Project/Dissertation

Sub group of Course covered under Major Groups:

**A) MAJOR (CORE) (DISCIPLINARY/ INTERDISCIPLINARY MAJOR):**

**(Design Major & Building Science & Engineering)**

The Major Core courses consist of Design Studio Major and Building Science & Applied Engineering. 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. The technical backbone of design education, the courses as a part of BS&AE consists of topics such as Building Material, construction, specifically for Interior design as well as building services and systems; advanced interior materials and building performance. The bundling of the three key components is the high feature of these 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.

**B) MINOR STREAM (DISCIPLINARY/ INTERDISCIPLINARY MINOR):**

**Design Minor & Humanities:**

Design expression courses such as graphics and visual representation, along with detail-oriented courses like furniture and product design, estimation, specifications are included in the group of Disciplinary/Multidisciplinary Minors. Also, the courses 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.

**C) MULTIDISCIPLINARY / INTERDISCIPLINARY:**

**Liberal Studies and Life Skills**

The liberal studies make a student aware of various multidisciplinary topics that are important for holistic development and education. Core values such as integrity, empathy and professional ethics are also



included in formal learning to ensure character building of the individual. While the Liberal studies and life skill looks at various multidisciplinary topics that are important for a holistic development and education.

In liberal studies, 03 modules of 05 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) ABILITY ENHANCEMENT COURSES:**

The subjects required by students to achieve competency in profession with special emphasis on language and communications skill are offered under this group. Apart from this the students will also be introduced to subjects like Building Information Modelling, 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) SKILL ENHANCEMENT (ELECTIVE) COURSES:**

##### **Professional Electives:**

Elective subjects are offered in a manner so that the student can have a custom roadmap to pursue the area of interest. The Professional elective component will have electives related to enhancement of knowledge that is required for the chosen discipline. These courses are aimed at imparting practical skills which enhance the employability of the students. These courses are designed as per students' needs and available institutional resources.

#### **F) COMMON VALUE ADDED (ELECTIVE) COURSES:**

##### **Transdisciplinary Open Electives:**

While the Common Value-Added courses offer a wide range of electives offered from various institutions so as to give students the exposure to other disciplines. The idea of trans-disciplinary open electives takes choice-based learning a notch higher. Elective subjects are offered in a manner so that the student can have a custom roadmap to pursue their area of interest. 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.

#### **G) SUMMER INTERNSHIP:**

Under this category the student will get exposure to actual work situations. They will undergo internship / apprenticeships which can be field based learning/ minor project/ community engagement and service.



**H) RESEARCH PROJECT/DISSERTATION**

Students choosing a 4-year Bachelor's degree (Honours with Research) are required to take up research projects/ Dissertation under the guidance of faculty members. The research outcomes of their projects may be published in peer-reviewed journals or may be presented in conferences/ seminars.

**CREDIT DISTRIBUTION:**

Group of Subjects		%(Hons)
A)	Major (Core) (Disciplinary/ Interdisciplinary Major)	50.5%
B)	Summer Internship	
C)	Minor Stream (Disciplinary/ Interdisciplinary Minor)	22.1%
D)	Multidisciplinary / Interdisciplinary	6.3%
E)	Ability Enhancement Courses (AEC)	5.3%
F)	Skill Enhancement (Elective) Courses (SEEC)	5.3%
G)	Common Value Added (Elective) Courses (VAEC)	4.2%
H)	Research Project/ Dissertation	6.3%

**CREDIT DISTRIBUTION:**

Sr. No.	Broad Category of Courses	Minimum Credit Requirement		
		3 – Year UG Program (Bachelor's Degree)	4 – Year UG Program (Bachelor's Degree-Honours)	4 – Year UG Program (Bachelor's Degree-Honours with Research)
1	Major (Core) + Summer Internship	68+4	92+4	92+4
2	Minor Stream	34	42	42
3	Multi-Disciplinary	12	12	12
4	Ability Enhancement Courses (AEC)	10	10	10
5	Skill Enhancement Courses (SEC)	10	10	10
6	Value Added Courses common for all UG	08	08	08
7	OJT/Research Project/Dissertation	-	12(OJT)	12(RP)
	<b>TOTAL</b>	<b>146</b>	<b>190</b>	<b>190</b>



## CREDIT DISTRIBUTION:

NCrF Credit Level	Semester	Major (Core)	Minor (Electives)	Multi/ Inter-disciplinary	AEC	SEC/ Internship	VAC/ IKS	RP/ OIT	Total Credit per sem	Qualification/ Certificate
4.5	I	10	6	2	2	2 (SEC)	2 (VAC)	-	24	UG Certificate
First Year	II	10	6	2	2	2 (SEC)	2 (IKS)	-	24	
<b>1<sup>st</sup> Year Total Credits</b>		<b>20</b>	<b>12</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>-</b>	<b>48</b>	
<b>Exit 1:</b> Award of UG certificate in Major course (Undergraduate Certificate in Elementary Visual Studies) with 48 credits with additional 4 credits of Summer Internship in core specific NSDF defined course OR continue with Major and Minor course for next NCrF credit level										
5	III	12	6	2	2	2 (SEC)	2 (IKS)	-	26	UG Diploma
Second Year	IV	12	6	2	2	2 (SEC)	2 (VAC)	-	26	
<b>2<sup>nd</sup> Year Total Credits</b>		<b>44</b>	<b>24</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>-</b>	<b>100</b>	
<b>Exit 2:</b> Award of UG Diploma in Major course (Undergraduate Diploma in Fundamental of Interior Design) with 100 credits with additional 4 credits of Summer Internship in core specific NSDF defined course OR continue with Major and Minor course for next NCrF credit level										
5.5	V	12	6	2	2	2 (SEC)	-	-	24	UG Degree
Third Year	VI	12	4	2	-	4-Internship	-	-	22	
<b>3<sup>rd</sup> Year Total Credits</b>		<b>68</b>	<b>34</b>	<b>12</b>	<b>10</b>	<b>14</b>	<b>8</b>	<b>-</b>	<b>146</b>	
<b>Exit 3:</b> Award of UG Degree in Major course (Bachelor of Arts in Interior) with 146 credits and Internship in core discipline OR continue with Major and Minor course for next NCrF credit level										
6	VII	12	4	-	-	-	-	6(OIT)	22	UG Honours Degree
Fourth Year	VIII	12	4	-	-	-	-	6(OIT)	22	
<b>4<sup>th</sup> Year Total Credits</b>		<b>92</b>	<b>42</b>	<b>12</b>	<b>10</b>	<b>14</b>	<b>8</b>	<b>12</b>	<b>190</b>	
<b>Exit 4:</b> Award of UG Honours Degree in Major course (Bachelor of Interior Design@Honors) with total 176 credits										
6	VII	12	4	-	-	-	-	6 (RP)	22	UG Honours with Research Degree
Fourth Year	VIII	12	4	-	-	-	-	6 (RP)	22	
<b>4<sup>th</sup> Year Total Credits</b>		<b>92</b>	<b>42</b>	<b>12</b>	<b>10</b>	<b>14</b>	<b>8</b>	<b>12</b>	<b>190</b>	
<b>Exit 4:</b> Award of UG Honours with Research Degree in Major course (Bachelor of Interior Design@Honors with Research) with total 190 credits										



**EXAMINATION AND TEACHING SCHEME  
(PROPOSED)**

W.E.F. ACADEMIC YEAR 2023-2024

**Applicable to Batch admitted in June 2023**



## B. ID –I (SEM I)

Sr. No	Course Code	Course Name	Credits	Teaching Scheme			Examination Scheme		Total
				Lecture Hrs.	Studio Hrs.	Practical Hrs.	CCE	SEE	
	1	2	3	4	5	6	7	8	9
1.	BIID21101	Basic Design and Visual Arts I	6	-	6	-	38/75	38/75	150
2.	BIID21102	Basics of Building Materials, Components and Structure	4	4	-	-	25/50	25/50	100
3.	BIID22103	Graphics and Visual Representation I	4	-	4	-	25/50	25/50	100
4.	BIID22104	Society and Culture I	2	2	-	-	13/25	13/25	50
5.	BIID23105	Liberal Studies and Life Skills I	2	2	-	-	13/25	13/25	50
6.	BIID24106	Communication Skills	2	2	-	-	13/25	13/25	50
7.	BIID25107	Professional Elective 1A	2	-	2	-	13/25	13/25	50
8.	BIID26108	Trans disciplinary Open Elective 1B*	2	-	2	-	13/25	13/25	50
		<b>Total</b>	<b>24</b>	<b>10</b>	<b>14</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>600</b>

CCE: Continuous & Comprehensive Evaluation (Formative)

SEE: Semester End Evaluation (Summative)

\*Transdisciplinary Open Electives here are offered as Value Added Courses (VAC), as per the guidelines of NEP/UGC/KCG



## B. ID -I (SEM II)

Sr. No	Course Code	Course Name	Credits	Teaching Scheme			Examination Scheme		Total
				Lecture Hrs.	Studio Hrs.	Practical Hrs.	CCE	SEE	
	1	2	3	4	5	6	7	8	9
1	BIID21201	Basic Design and Visual Arts II	6	-	6	-	38/75	38/75	150
2	BIID21202	Building Materials, Systems and Environmental Studies	4	4	-	-	25/50	25/50	100
3	BIID22203	Graphics and Visual Representation II	4	-	4	-	25/50	25/50	100
4	BIID22204	Society and Culture II	2	2	-	-	13/25	13/25	50
5	BIID23205	Liberal studies and Life Skills II	2	2	-	-	13/25	13/25	50
6	BIID24206	Communication Skills and Personality Development	2	2	-	-	13/25	13/25	50
7	BIID25207	Professional Elective 2A	2	-	2	-	13/25	13/25	50
8	BIID26208	Trans disciplinary Open Elective 2B*	2	-	2	-	13/25	13/25	50
		<b>Total</b>	<b>24</b>	<b>10</b>	<b>14</b>	<b>-</b>			<b>600</b>

CCE: Continuous & Comprehensive Evaluation (Formative)

SEE: Semester End Evaluation (Summative)

\*Transdisciplinary Open Electives here are offered as Indian Knowledge System (IKS), as per the guidelines of NEP/UGC/KCG



## B. ID -II (SEM III)

Sr. No	Course Code	Course Name	Credits	Teaching Scheme			Examination Scheme		Total
				Lecture Hrs.	Studio Hrs.	Practical Hrs.	CCE	SEE	
	1	2	3	4	5	6	7	8	9
1.	BIID21301	Habitat Studio	8	-	8	-	50/100	50/100	200
2.	BIID21302	Interior Materials, Systems and Services I	4	4	-	-	25/50	25/50	100
3.	BIID22303	Furniture and Product Design I	4	-	4	-	25/50	25/50	100
4.	BIID22304	History of Interior Design I*	2	2	-	-	13/25	13/25	50
5.	BIID23305	Liberal Studies and Life Skills III **	2	2	-	-	13/25	13/25	50
6.	BIID24306	Building Information Modelling	2	-	2	-	13/25	13/25	50
7.	BIID25307	Professional Elective 3A	2	-	2	-	13/25	13/25	50
8.	BIID26308	Trans disciplinary Open Elective 3B ***	2	-	2	-	13/25	13/25	50
		Total	26	8	18	-			650

CCE: Continuous & Comprehensive Evaluation (Formative)

SEE: Semester End Evaluation (Summative)

\*The Content of the course includes relevant topics from Indian Knowledge System (IKS)

\*\*Liberal Studies and Life Skills modules here are offered as Indian Knowledge System (IKS), as per the guidelines of NEP/UGC/KCG

\*\*\*Transdisciplinary Open Electives here are offered as Indian Knowledge System (IKS), as per the guidelines of NEP/UGC/KCG



## B. ID -II (SEM IV)

Sr. No	Course Code	Course Name	Credits	Teaching Scheme			Examination Scheme		Total
				Lecture Hrs.	Studio Hrs.	Practical Hrs.	CCE	SEE	
	1	2	3	4	5	6	7	8	9
1.	BIID21401	Utility/ Hospitality Studio	8	-	8	-	50/100	50/100	200
2.	BIID21402	Interior Materials, Systems and Services II	4	4	-	-	25/50	25/50	100
3.	BIID22403	Furniture and Product Design II	4	-	4	-	25/50	25/50	100
4.	BIID22404	History of Interior Design II*	2	2	-	-	13/25	13/25	50
5.	BIID23405	Liberal Studies and Life Skills IV **	2	2	-	-	13/25	13/25	50
6.	BIID24406	Digital Presentation	2	-	2	-	13/25	13/25	50
7.	BIID25407	Professional Elective 4A	2	-	2	-	13/25	13/25	50
8.	BIID26408	Transdisciplinary Open Elective 4B ***	2	-	2	-	13/25	13/25	50
		<b>Total</b>	<b>26</b>	<b>8</b>	<b>18</b>	<b>-</b>			<b>650</b>

CCE: Continuous & Comprehensive Evaluation (Formative)

SEE: Semester End Evaluation (Summative)

\*The Content of the course includes relevant topics from Indian Knowledge System (IKS)

\*\*Liberal Studies and Life Skills modules here are offered as Indian Knowledge System (IKS), as per the guidelines of NEP/UGC/KCG

\*\*\*Transdisciplinary Open Electives here are offered as Value Added Course (VAC), as per the guidelines of NEP/UGC/KCG



## B. ID -III (SEM V)

Sr. No	Course Code	Course Name	Credits	Teaching Scheme			Examination Scheme		Total
				Lecture Hrs.	Studio Hrs.	Practical Hrs.	CCE	SEE	
	1	2	3	4	5	6	7	8	9
1.	BIID21501	Retail Design Studio	8	-	8	-	50/100	50/100	200
2.	BIID21502	Interior Materials, Systems and Services III	4	4	-	-	25/50	25/50	100
3.	BIID22503	Furniture and Product Design III	4	-	4	-	25/50	25/50	100
4.	BIID22504	History of Interior Design III*	2	2	-	-	13/25	13/25	50
5.	BIID23505	Liberal Studies and Life Skills V	2	2	-	-	13/25	13/25	50
6.	BIID24506	Project Management	2	2	-	-	13/25	13/25	50
7.	BIID25507	Professional Elective 5A	2	-	2	-	13/25	13/25	50
		<b>Total</b>	<b>24</b>	<b>10</b>	<b>14</b>	<b>-</b>			<b>600</b>

CCE: Continuous & Comprehensive Evaluation (Formative)

SEE: Semester End Evaluation (Summative)

\*The Content of the course includes relevant topics from Indian Knowledge System (IKS)



## B. ID -III (SEM VI)

Sr. No	Course Code	Course Name	Credits	Teaching Scheme			Examination Scheme		Total
				Lecture Hrs.	Studio Hrs.	Practical Hrs.	CCE	SEE	
	1	2	3	4	5	6	7	8	9
1.	BIID21601	Transformation Design Studio	8	-	8	-	50/100	50/100	200
2.	BIID21602	Advanced Interior Materials, Systems and Services	4	4	-	-	25/50	25/50	100
3.	BIID22603	Research Methods and Application	2	2	-	-	13/25	13/25	50
4.	BIID22604	Indian Crafts and Interior Space making	2	2	-	-	13/25	13/25	50
5.	BIID23605	Liberal Studies and Life Skills VI	2	2	-	-	13/25	13/25	50
6	BIID27606	Summer Internship	4	-	4	-	-	50/100	100
		<b>Total</b>	<b>22</b>	<b>10</b>	<b>12</b>	<b>-</b>			<b>550</b>

CCE: Continuous & Comprehensive Evaluation (Formative)

SEE: Semester End Evaluation (Summative)



## B. ID -IV (SEM VII)

Sr. No	Course Code	Course Name	Credits	Teaching Scheme			Examination Scheme		Total
				Lecture Hrs.	Studio Hrs.	Practical Hrs.	CCE	SEE	
	1	2	3	4	5	6	7	8	9
1.	BIID21701	Professional Training	12	-	12	-	-	150/300	300
2.	BIID22702	ODL (Open & Distance Learning Course)	4	-	4	-	-	50/100	100
3.	BIID28703	*OJT I (On Job Training)	6	-	6	-	-	75/150	150
	OR								
	BIID28704	**RP I (Research Project)	6	-	6	-	-	75/150	150
		Total	22	-	22	-	-		550

CCE: Continuous & Comprehensive Evaluation (Formative)

SEE: Semester End Evaluation (Summative)

\*For Students opting for Four Years Programme of "Bachelors of Interior Design with Honors"

\*\*For Students opting for Four Years Programmes of "Bachelors of Interior Design (Honors with Research)"



## B. ID -IV (SEM VIII)

Sr. No	Course Code	Course Name	Credits	Teaching Scheme			Examination Scheme		Total
				Lecture Hrs.	Studio Hrs.	Practical Hrs.	CCE	SEE	
1	2	3	4	5	6	7	8	9	
1.	BIID21801	Studio Project	12	-	12	-	75/150	75/150	300
2.	BIID22802	Professional Practice (Office Management & Contemporary Trends)	4	4	-	-	50/100	50/100	200
3.	BIID28803	*OJT-II (On Job training)	6	-	6	-	-	75/150	150
	OR								
	BIID28804	**RP-II (Research Project)	6	-	6	-	-	75/150	150
<b>Total</b>			<b>22</b>	<b>4</b>	<b>18</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>650</b>

CCE: Continuous & Comprehensive Evaluation (Formative)

SEE: Semester End Evaluation (Summative)

\*For Students opting for Four Years Programme of "Bachelors of Interior Design with Honors"

\*\*For Students opting for Four Years Programmes of "Bachelors of Interior Design (Honors with Research)"



**GENERAL NOTES:**

- 1 Minimum passing marks are 50% for Column no. 7 & 8
- 2 It is compulsory to appear in the Semester End Evaluation (SEE) Examination to earn the respective credit for the course.
- 3 The transition to (N+1)th year, all backlogs of (N-1)th year must be cleared by the students (where, N = 2nd year or 3rd year or applicable to program to program).

Promoting To Year	Promotion Eligibility to next year	
	First-Year Direct Admit	Second-Year Lateral Entry
Second Year (SY)	<ul style="list-style-type: none"> <li>• Minimum of 50% credits out of the total assigned FY credits</li> </ul>	
Third Year (TY)	<ul style="list-style-type: none"> <li>• All courses of first year cleared</li> <li>• At least 60% credits cleared of the total assigned Second year credits.</li> </ul>	<ul style="list-style-type: none"> <li>• At least 60% credits out of the total assigned SY credits</li> </ul>
Fourth Year	<ul style="list-style-type: none"> <li>• All courses of second year cleared.</li> <li>• All Design Studio courses till Third year cleared.</li> <li>• At least 60% credits cleared of the total assigned third year credits.</li> </ul>	<ul style="list-style-type: none"> <li>• All Design Studio courses till Third year cleared.</li> <li>• At least 60% credits cleared of the total assigned third year credits.</li> </ul>

For more details, refer Semester Progression Guidelines in Programme Regulations.

- 4 If a student is not able to earn the credits of the course in regular examination, the same will have to be earned through remedial examination or through backlog examination offered in the same/next semester.
- 5 Institute shall offer group of Electives (Professional-AEC & Transdisciplinary Open-SEC), based on the availability of experts and other relevant parameters, and may change the courses offered time to time. Students are supposed to select any one course from each group from the list of Electives offered.
- 6 Student shall have to mandatorily comply with the norm of Summer Internship (180 hours) if he/she is opting for EXIT model after FIRST, SECOND or THIRD year, in order to get the relevant qualification of corresponding level. (This shall be over and above the mandatory credits required to be eligible for exit option)
- 7 The student continuing for FOUR years shall have to mandatorily earn 4 credits for Summer Internship as part of the third-year total credits as a prerequisite to enrol in FORTH year (i.e. before starting the Professional Training)
- 8 Four credits of summer internship can be earned through Related Study Programme (RSP)/ Independent Study Programme/Travel programmes/Field Projects/Apprenticeship/Online Courses/Workshops/Design Competition/Community Engagement & Services/NCC-NSS services etc. Necessary prior approval will have to be taken from the designated committee for the same.
- 9 Study Tours are mandatory for Design Programme and minimum 02 Nos. of Study tours will have to be completed by a student during the entire study duration (of Four Years Programmes) to become eligible for graduation certificate. RSP completion certificate issued by the institute will have to be secured by the student on successful completion of RSP work. The evaluation criteria for RSP work will be formulated by concerned teacher and the mandatory nos. of RSP completion certificate will have to be produced for securing the final degree.
- 10 Students taking exit option after FIRST year/SECOND year shall have to complete minimum 01 study tour to get the relevant qualification of that level.
- 11 All the courses are auditable courses for calculation of SPI/CPI



## **Definitions:**

### **Professional Training:**

Students opting for either Four Years Programme of "Bachelor of Interior Design with Honors" or for Four Years Programme of "Bachelor of Interior Design (Honors with Research)", both shall have to undergo 16 weeks of Professional Training to earn the 12 credits as a part of Major (Core) group of subjects (Disciplinary/Interdisciplinary Major). This shall be done as a full time working/training under a **Professional Firm** recognized/approved by Institution.

### **ODL: Open and Distance Learning Courses:**

A student shall have to take any one online course related to Disciplinary/Interdisciplinary minor through recognized Online Portal like Swayam, NPTEL, INTACH etc. with prior approval of Institution to earn the 4 Credits allotted to ODL in Semester VII.

### **OJT: On Job Training:**

A student opting for the option of Four Years Programme of "**Bachelor of Interior Design with Honors**", shall have to earn 6 credits of OJT-On Job Training each in VII and VIII semesters. "On Job Training" includes field work undertaken as a part of any project including site visits- management and coordination /Industry Exposure/Research and Documentation etc. as approved from time to time by the Institution.

This is to be done simultaneously with Professional Training in the **VIIth semester** and a certificate for OJT has to be issued by the firm/ office where professional training is done.

For **semester VIII** the OJT will have to be done parallel to the Studio project of Major Course, a minimum of 240 hours of OJT will have to be done which shall include working with architect/ interior designer/ industry, site visits, travel studios, hands on workshops, etc. as per prior approval from the institute. Student can continue this in line with the OJT undertaken in semester VII or opt for another exposure to earn the 6 credits of OJT in semester VIII, with prior approval of Institution.

### **RP: Research Project**

A student opting for the option of Four Years Programme of "**Bachelor of Interior Design (Honors with Research)**", shall have to earn 6 credits of Research Project, both in semester VII & VIII. Research Project includes an independent Research taken by a student under the guidance of the Mentor/Guide Designated by the Institute.

**In semester VII**, Student can select his area of interest and do in depth research on the selected topic under the area of interest. To earn the credits of the course, student must submit a research report in a prescribed format and have to appear for the jury/viva in Semester End Evaluation.

**In Semester VIII**, Student in consultation with Mentor/Guide, and with prior approval of the Institute can decide to Extend/Continue with the Research Project undertaken in semester VII or can opt for another independent research project. In either case, student must submit a research report in a prescribed format and have to appear for the jury/viva in Semester End Evaluation.

### **Studio Project:**

Students either opting for Four Years Programme of "Bachelor of Interior Design with Honors" or for Four Years Programme of "Bachelor of Interior Design (Honors with Research)" both shall have to earn 12 credits of major from Studio Project in Semester VIII.



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INSTITUTE OF DESIGN PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID	
Year	I			Version	2.0	
Semester	I			Effective From	June 2023	
Course Code	BID21101	Course Name		Basic Design and Visual Arts I		
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SSE	Total
6	-	6	-	38/75	38/75	150

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

<p><b>Emphasis</b></p> <p>The foundation design studio is an important process to initiate design 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 elements and fundamental of 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.</p>		
<p><b>Course Outcome</b></p> <p>After the completion of the studio the student will be able to develop a set of fundamental skills:</p> <ul style="list-style-type: none"> <li>• Visual (seeing, looking, observing);</li> <li>• Manual (making); and</li> <li>• Intellectual (comparing, contrasting, abstracting, and assessing)</li> </ul> <p>Students are introduced to a broad range of media and methods to help build confidence in their cognitive, conceptual, technical and <b>creative skills</b>. A significant component of the studio is dedicated to elements and principles of design.</p>		
<p><b>Content</b></p> <p>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.</p>		
Module	Description	Hours
I Developing Visual Literacy	<b>Learning visual language</b>	12
	Outdoor sketching	
	Perspective drawing/ Freehand scaled drawings/ Natural Objects etc.	
	Exploring various art materials like pencil, charcoal, water colour, ink, pastels, acrylic, etc.	
	Understand the systematics of colour theory with its applications.	12
<b>Warm-up exercise focused on create and learn</b> With disciplined observation, of natural and manmade objects, Iterative process with Critical graphics and verbal interrogation of ideas.		



<b>II</b> <b>Analysis and understanding of elements and Principles of Design</b>	Understanding and fluency about element and principles of design associated with Interior design. The fundamental principles of design -- Emphasis, Balance, Alignment, Contrast, Repetition, Rhythm, Proportion, Movement etc.	24
<b>III</b> <b>Conceptualize &amp; create</b>	Exploring the basic elements of design and creating 2D & 3D compositions keeping the principles of Design in consideration. Creating prototypes: To test ideas and evaluate how their ideas can change with the influence of time, context, space and socio-cultural behaviour.	24
<b>IV</b> <b>Composition Writing &amp; Compilation Craft</b>	Adding narratives to composition Compilation of work done during the entire semester	24

**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
5. Roger, K. L., 1998. Architect? A Candid Guide to the Profession. The MIT Press, Cambridge.
6. Rasmussen, S., 1962. Experiencing Architecture. 2nd Rev. Ed. MIT Press, Cambridge.



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INSTITUTE OF DESIGN PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID	
Year	I			Version	2.0	
Semester	I			Effective From	June 2023	
Course Code	BID21102	Course Name		Basics of Building Materials, Components and Structure		
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
4	4	-	-	25/50	25/50	100

Note: Continuous & Comprehensive 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

Modules	Description	Hrs
I Orientation	<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>	8



<p style="text-align: center;"><b>II Building components</b></p>	<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>16</b>
<p style="text-align: center;"><b>III Basic Building materials</b></p>	<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>24</b>
<p style="text-align: center;"><b>IV Basics of Structure</b></p>	<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>
<p>All modules shall be supported with relevant labs/market survey/workshops/model making as per the requirement of the content. All the assignments/studio work to be completed by students on their own in self-study time, other than the contact hours mention.</p>		

#### 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	FADP&T			Programme	B.ID	
Year	I			Version	2.0	
Semester	I			Effective From	June 2023	
Course Code	BIID22103	Course Name		Graphics and Visual Representation I		
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
4	-	4	-	25/50	25/50	100

Note: Continuous & Comprehensive 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
- Understand & Explore software - Photoshop

#### 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>	8
III Drawing Literacy	<ul style="list-style-type: none"> <li>• Develop understanding of Design drawings - Plans, Sections and Elevations.</li> <li>• Drafting technical drawings based on learnings of Module-I &amp; II</li> </ul>	8
IV	<ul style="list-style-type: none"> <li>• Introduction to AutoCAD tools and its application</li> </ul>	12

<b>AutoCAD Tools and Techniques</b>	<ul style="list-style-type: none"> <li>• Learning to draw in the AutoCAD software</li> </ul>	
<b>V Drawing and Layering</b>	<ul style="list-style-type: none"> <li>• Introduction to Drawings – Plan, Section, Elevations</li> <li>• Understanding the layer system, layer manager</li> </ul>	4
<b>VI Layouts &amp; Plotting</b>	<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
<b>VII Intro to Photoshop</b>	<ul style="list-style-type: none"> <li>• Introduction to tools and its application.</li> <li>• Understanding Layer concepts</li> </ul>	4
<b>VIII Photo editing</b>	<ul style="list-style-type: none"> <li>• Introduction to editing tools and its application</li> <li>• Exercise on exploring editing tools</li> </ul>	4
<b>VIII Graphic Creation</b>	<ul style="list-style-type: none"> <li>• Creation of logo, collage &amp; Art work</li> </ul>	4
<b>IX Plan Render</b>	<ul style="list-style-type: none"> <li>• Importing AutoCAD plan / Elevation &amp; Section to Photoshop</li> <li>• Techniques of digital rendering</li> </ul>	8

**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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INSTITUTE OF DESIGN PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID	
Year	I			Version	2.0	
Semester	I			Effective From	June 2023	
Course Code	BIID22104	Course Name		Society and Culture I		
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
2	2	-	-	13/25	13/25	50

Note: Continuous & Comprehensive 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 1st century CE in Europe and concurrent civilizations and settlements across the World.

#### 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 1st century CE
- To describe influence of political ideology, social structures, cultural articulations, and dominant thought and natural environment on events and narratives from which styles, movements and innovations have emerged.
- To place events, built forms, important persons and historical developments in space-time continuum.
- To gain insight into diverse needs, values, behaviours of communities and individuals creating spaces that are responsive, inclusive and supportive of human experiences and activities.
- To analyse the built environment as the product of culture
- To understand social structures, dynamics and role of spaces in facilitating social cohesion.
- To understand the articulation of religion in built forms of sacred structures.

#### Content

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

- Introduction to the role of culture and society in Human progress, influence of culture on built forms, elements of culture, settlement patterns.
- Introduction to evolution of Man and concomitant architecture in early settlements in terms of scale and complexity through a study of Catal Huyuk, Mehrgarh, Banpo and Skara Brae.
- River valley civilizations and Cultures – Indus valley, Nile valley, Mesopotamia, Yellow River
- Age of Empires- Han China, Persian, Greek City-states, Alexander and conquests- the cultural achievements and progress, architectural and intellectual contributions
- Rise of Buddhism and concomitant cultural transformation, The Mauryas in India, The Roman Republic and Empire-its intellectual and cultural achievements, Downfall of Rome.
- Rise of Christianity and concomitant religious and cultural consequences
- Emphasis of the course is on developing understanding of socio-cultural interactions, not solely memorizing names and dates.



Modules	Description	Hours
Module I	Introduction to the role of culture and society; Introduction to evolution of Man and concomitant architecture in early settlements	6
Module II	River valley civilizations and Cultures – Indus valley, Nile valley, Mesopotamia, Yellow River	6
Module III	Age of Empires- Han China, Persian, Greek City-states, Alexander's empire	8
Module IV	Rise of Buddhism and concomitant cultural transformation, The Mauryas in India The Roman Republic and Empire-its intellectual and cultural achievements, Downfall of Rome.	8
Module V	Rise of Christianity and concomitant religious and cultural consequences	4

#### 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, Shami, 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. Kitto, H.D.F. 1950. The Greeks. Penguin Books Ltd. Jerome Carcopino, Jerome, Rowell,
7. Henry T., 1991. Daily Life in Ancient Rome: The People and the City at the Height of the Empire. Penguin Books Ltd.
8. Heckel, Waldemar. 2002. The Wars of Alexander the Great: 336–323 BC: 26 (Essential Histories) Osprey Publishing



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INSTITUTE OF DESIGN PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID	
Year	I			Version	2.0	
Semester	I			Effective From	June 2023	
Course Code	BIID23105	Course Name		Liberal Studies and Life Skills I		
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
2	2	-	-	13/25	13/25	50

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

### 1. 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.

### 2. 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.

### 3. 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: Three modules of 04/05 weeks each will be offered for Liberal Studies & life skill course.



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INSTITUTE OF DESIGN PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B. ID.	
Year	I			Version	2.0	
Semester	I			Effective From	June 2023	
Course Code	BIID24106	Course Name		Communication Skills		
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
2	2	-	-	13/25	13/25	50

Note: Continuous & Comprehensive 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> <li>• Debates, Public speaking &amp; Questioning skills</li> <li>• 7 steps to effective messages &amp; other activities</li> </ul>	6
II Reading Module	<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> </ul>	6



	<ul style="list-style-type: none"><li>• Reading for better Comprehension</li><li>• Building vocabulary</li></ul>	
<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>	<b>6</b>
<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>	<b>8</b>
<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>	<b>6</b>

**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



SARVAJANIK UNIVERSITY						
INSTITUTE OF DESIGN PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID.	
Year	I			Version	2.0	
Semester	I			Effective From	June 2023	
Course Code	BIID25107	Course Name		Professional Elective 1 A		
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
2	-	2	-	13/25	13/25	50

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

### 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.

### 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.

### 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.



#### 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.

#### 5. Paper Making and Paper Mache

The art of making handmade paper by one's own self offers immense creative possibilities in exploring a variety of easily accessible natural fibres from recyclable waste paper, plants, flowers, leaves etc. This elective has been developed for students interested and self-motivated in exploring the creative possibilities of understanding the art of handmade paper making in a simple 'do-it-yourself' approach encouraging learning by doing. Paper Mache on the other hand is a composite material consisting of paper pieces or pulp, sometimes reinforced with textiles, bound with an adhesive, such as glue, starch, or wallpaper paste. As a craft form, it is found in many places in India with the two distinct areas being Kashmir and Orissa. Many things have been created with it. In the second part, students would learn various possibilities of usage of paper mache, as an eco-friendly material to create different products.

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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INSTITUTE OF DESIGN PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID.	
Year	I			Version	2.0	
Semester	I			Effective From	June 2023	
Course Code	BID26108	Course Name	Transdisciplinary Open Elective 1 B			
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
2	-	2	-	13/25	13/25	50

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

Transdisciplinary Open Electives here are offered as Value Added Courses (VAC), as per the guidelines of NEP/UGC/KCG

#### Suggestive List:

1. Wearable Technology (Healthy Lifestyle)
2. NSS (Social Activism)
3. Folk Dance
4. Working with MS Office

#### Wearable Technology

The history of wearable technology in contemporary culture and art from the earliest forms to present-day will enhance understanding and ability to analyze the relationship of technology to the body, social interaction, and environment. Miniaturization in sensors, open dimension of the Wearable technology with explosive growth and exciting applications in the fields of medicine, sports, fitness, entertainment, as well as new ways for people to interact, communicate, and experience the environment around them. Internet of Things (IoT) works with sensors and software in wearable technologies to provide a communications network that allows data collection and information exchange for wearable devices. The applications of this exciting new field range from helping manage chronic diseases to experiencing entertainment, sports and games in a virtual-reality setting. Enterprise Architecture for systems is being expanded and augmented to use Internet of Things communication networks and aggregate data from wearable devices into Big Data collection and analytics frameworks. This subject aims to present the state of the art wearable technologies and their applications in the healthcare system, home automation, personal fitness, Fashion accessories like Smart glasses, GPS enabled shoes, Activity monitoring watches etc. which will be useful to Architecture, management, science, commerce, arts students. Students will develop concepts into functional wearables through learning to integrate electronics and fiber art techniques using sensors, microcontrollers, and basic programming. In this course it has been reviewing aspects of wearable technologies, including the software, architecture, UX design, communication networks, and data analytics.

#### NSS

This course will enable student to connect the campus and community. The student will identify the needs and problems of the community and involve them in Problem solving process. The student will also develop among themselves a sense of social and civic responsibility and apply their knowledge in finding practical solution to individual and Community problems.



### **Folk Dance**

This course provides an exploration of folk dances from various cultures of our Indian states, focusing on their historical context, cultural significance, and performance techniques. Through a combination of practical instruction, theoretical discussions, and experiential learning, students will gain an understanding of the diverse traditions and styles of folk dance.

### **Working with MS Office**

The course is designed to provide in-depth knowledge and hands on training in use of Office Automation Tools – Microsoft(MS)- Word, Microsoft-Excel, MS-Powerpoint, MS-Access. Additionally, the course covers the fundamental concepts of computer systems hardware, software and operating systems.

### **Note:**

- Refer Annexure for the list of the Transdisciplinary Open electives to be offered by IDPT/other institutes of Sarvajani University to students of Faculty of Interior Design, IDPT.



SARVAJANIK UNIVERSITY						
INSTITUTE OF DESIGN PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID.	
Year	I			Version	2.0	
Semester	II			Effective From	June 2023	
Course Code	BID21201	Course Name	Basic Design and Visual Arts II			
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
6	-	6	-	38/75	38/75	150

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

<p><b>Emphasis</b> Emphasis is on transformation from two-dimensional representation of three-dimensional forms with development of basic skills in Interior 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. Rubbling between physical models, narrative statements, and drawing explorations, context inspired design processes will stress on analysis, abstraction, and refinement through peer and self-critique.</p>		
<p><b>Course Outcome</b> At the end of the course the student will be able to:</p> <ul style="list-style-type: none"> <li>• Develop a set of fundamental skills</li> <li>• Learn to implement, assess, and revise formal organizational strategies within 2D and 3D compositions.</li> <li>• Learn to assess the impact that various 2D and 3D investigative methods have on intuitive and systems design thinking.</li> <li>• Learn to develop an appreciation for craftsmanship in 2D and 3D methods of design exploration.</li> </ul>		
<p><b>Content:</b> 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.</p>		
Modules	Description	Hours
I Introduction to 3D Design Principle (Advanced)	Theoretical inputs in third dimensional design Principles. Small hands-on exercises based on it.	12
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 geometric and organic forms. Students will be able to construct 3D Tectonic models and 2D graphic representation and a defined scale.	18



<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.	18
<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.,	24
<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.	24

**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.
4. Peter, V. M. 1998. Elements of architecture – from form to place. 1st Ed. Routledge, New York.
5. Prak, N. L., 1968. The Language of Architecture: A contribution to architectural theory. Mouton & Co., Hague
6. Roth, L. M., 2013. Understanding Architecture: Its Experience History and Meaning, 3rd Ed. West-view press, Philadelphia.
7. Rudolf, A., 1977. The dynamics of architectural form. University of California Press, Berkeley and Los Angeles.
8. Unwin, S. 2003. Analysing Architecture. Routledge, London



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INSTITUTE OF DESIGN PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID.	
Year	I			Version	2.0	
Semester	II			Effective From	June 2023	
Course Code	BIID21202	Course Name		Building Materials, Systems and Environmental Studies		
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
4	4	-	-	25/50	25/50	100

Note: Continuous & Comprehensive 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.
- III. Basics of Structures: Understanding various structural systems with reference to form, types & load transfer action, material, connections and span.
- 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.

Modules	Description	Hours
<b>I Construction with Bricks</b>	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
<b>II Construction with Stone</b>	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
<b>III Construction with Wood</b>	Wood- Frame construction: 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
<b>IV Basics of Structure</b>	Basic introduction to stress, strain, lateral & linear strain, temperature stress, material properties like modulus of elasticity. Ductile & brittle material etc. Introduction to form and span based structural systems like arch, dome, vault, shell, truss, frame, space frame. Application of different materials like adobe, bamboo, brick, stone, RCC, steel, Timber, metal, fibrocement etc. in deriving above systems. Understanding layers of various structural systems and its relationship with interiors space formation.	16
<b>V Climatic Studies</b>	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. All the assignments/studio work to be completed by students on their own in self-study time, other than the contact hours mention.		

#### References:

1. Ashcroft, Roland, 2017. Construction for Interior Designers, Routledge, London and New York.
2. Ambrose, James, 1991. Building construction Interior Systems, Van Nostrand Reinhold, New York.
3. Ballast, David Kent, 1996, Interior Construction and detailing for designers and Architects, AIA, Professional, Belmont, CA.
4. Bingelli, Corky, 2005. Building Systems for Interior Designers, A.S.I.D., John Wiley and Sons, INC, New Jersey.
5. Dechiara et al. 2001. Interior Design and Space Planning, Mc Graw Hill, New York.
6. Koenigsberger, Manual Of Tropical Housing And Building – Part I – Climatic Design
7. Ching F.D.K., 2014. Building Construction Illustrated:, John Wiley & Sons, Inc.
8. Ching F.D.K., 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. 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.
12. William Rupp, Arnold Friedman and drawings by Philip Farrel, construction materials for interior design
13. Willianson, et al., 1999. Wood Engineering and construction Handbook, Mc Graw- Hill, New York.
14. Webber, Steven B., 2020. Interior Design Fundamentals, Fairchild Bloomsbury, New York.



SARVAJANIK UNIVERSITY						
INSTITUTE OF DESIGN PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID.	
Year	I			Version	2.0	
Semester	II			Effective From	June 2023	
Course Code	BIID22203	Course Name		Graphics and Visual Representation II		
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
4	-	4	-	25/50	25/50	100

Note: Continuous & Comprehensive 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.

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>	12



II Technical Drawing Set	<ul style="list-style-type: none"> <li>Drafting plans, sections, elevations. (Manual)</li> </ul>	12
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>	8
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>	16
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>	16

## References:

1. Arthur L. Guptill, 2011. 'Rendering in Pen and Ink'. Watson-Guption Publications.
2. Adobe, 2007. 'Adobe Illustrator Classroom in a Book'
3. Dennis J. Hall, Nina M. Giglio, 2015 Architectural Graphic Standards, John Wiley & Sons
4. Francis D. K. Ching, 2014. Form, Space and Order, John Wiley & Sons

SARVAJANIK UNIVERSITY						
INSTITUTE OF DESIGN PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID.	
Year	I			Version	2.0	
Semester	II			Effective From	June 2023	
Course Code	BID22204	Course Name	Society and Culture II			
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
2	2	-	-	13/25	13/25	50

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

#### Emphasis

This course provides an overview of civilizations, Societies and Cultures from 1st century CE to 20th century developments in Europe and the World.

#### Course Outcome:

At the end of the course students will be able to

- Analyse historical processes that shape individuals, societies and communities from 1st to 20th century CE
- To describe influence of political ideology, social structures, cultural articulations, and dominant thought and natural environment on events and narratives from which styles, movements and innovations have emerged.
- To place events, built forms, important persons and historical developments in space-time continuum.
- To analyse the built environment as the product of culture and in relation to the special problems of design with an urbanist perspective that stresses the cultural and political context from which built forms arise. It considers both western and eastern traditions.

#### Content

- Early Christian art, Rise and Fall of Byzantine empire, Schisms and denominations in Christianity and consequences thereof
- Coming of Islam and its political consequences, Contribution of Islamic caliphates to knowledge systems,
- The Gupta period, the Sultanate and Mughal period in India
- Age of Conflicts – Medieval period in Europe, Crusades, Intellectual traditions
- Renaissance In Europe – Contribution and advances in Philosophical thought, Art, Commerce, Sciences, Knowledge systems
- The Period of Enlightenment and progress of Scientific Thought
- Age of Revolutions – French, American War of Independence
- Age of Industry, Social Reforms and Social Thinkers, Colonialism and Imperialism, resultant upheavals in society.
- The 20th century Wars, Movements- Feminism, Environmental, Modern and Post-modern Thought
- Emphasis of the course is on developing understanding of socio-cultural interactions and synthesis of knowledge for betterment of the human race, not solely memorizing names and dates.



Modules	Description	Hours
Module I	Early Christian art, Rise and Fall of Byzantine empire, Coming of Islam and its political consequences, Contribution of Islamic caliphates to knowledge systems	6
Module II	The Gupta period, the Sultanate and Mughal period in India	6
Module III	Age of Conflicts – Medieval period in Europe, Renaissance in Europe	4
Module IV	The Period of Enlightenment and progress of Scientific Thought, Age of Revolutions	6
Module V	Age of Industry, Social Reforms and Social Thinkers, Colonialism and Imperialism, resultant upheavals in society.	4
Module VI	The 20th century World Wars, Movements- Feminism, Environmental, Modern and Post- modern Thought	6

#### References:

1. Overy, Richard, 2009. Complete History of the World. Harper Collins Publishers, London
2. Roberts, J. M, Westad Odd Arne, 2014. The Penguin History of the World, 6<sup>th</sup> edition, Penguin Books Ltd.
3. Frankopan, Peter, 2016. The Silk Roads: A New History of the World, Bloomsbury Paperbacks
4. Greenblatt, Stephen, 2012. The Swerve: How the World Became Modern, W. W. Norton & Company
5. Diamond, Jared, 1998. Guns, Germs, and Steel: The Fates of Human Societies. Vintage
6. Bartlett, Robert, The Making of the Modern World: From the Renaissance to the Present
7. Evans, Richard, 2016. The Pursuit of Power: Europe 1815-1914, Penguin Books Ltd
8. Hobsbawm, Eric, The Age of Extremes: A History of the World, 1914-1991. 1995. Abacus Publishing House



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INSTITUTE OF DESIGN PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID.	
Year	I			Version	2.0	
Semester	II			Effective From	June 2023	
Course Code	BIID23205	Course Name		Liberal Studies and Life Skills II		
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
2	2	-	-	13/25	13/25	50

Note: Continuous & Comprehensive 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. Economics

While economics may not be a mandatory subject for all students, it is often recommended in educational programs. Economics provides a framework for understanding how individuals, businesses, and societies make decisions about resource allocation. It helps to develop critical thinking skills and provide a foundation for analyzing and solving complex problems. Economics concepts and principles are applicable in various fields and industries. Economics can help to navigate the economic factors and make informed decisions. In today's interconnected world, economic issues are prevalent and can significantly impact individuals and societies. Studying economics equips understanding economic policies, global markets, financial systems, and socioeconomic trends. Economics helps to comprehend the concept of scarcity, which implies limited resources and unlimited wants. It teaches how to analyze trade-offs, make efficient choices, and evaluate the costs and benefits of different options. These skills are relevant not only in personal decision-making but also in business strategy, public policy, and social issues.

Note: Three modules of 04/05 weeks each will be offered for Liberal Studies & life skill course.



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Faculty	FADP&T			Programme	B. ID	
Year	I			Version	2.0	
Semester	II			Effective From	June 2023	
Course Code	BIID24206	Course Name	Communication Skills & Personality Development			
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
2	2	-	-	13/25	13/25	50

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

<p><b>Emphasis</b> 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> 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> 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 Self-Exploration & Interpersonal Relationships	<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> <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> </ul>	8

	<ul style="list-style-type: none"> <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>	
<b>II Group Dynamics &amp; Team Building</b>	<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
<b>III Communication Skills</b>	<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>	12

**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.

SARVAJANIK UNIVERSITY						
INSTITUTE OF DESIGN PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID.	
Year	I			Version	2.0	
Semester	II			Effective From	June 2023	
Course Code	BIID25207	Course Name	Professional Elective 2 A			
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
2	-	2	-	13/25	13/25	50

Note: Continuous & Comprehensive Evaluation shall be divided into A, 20% -Attendance B, 80% -Periodic Evaluation

### 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.

### 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.

### 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.



#### 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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INSTITUTE OF DESIGN PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID	
Year	I			Version	2.0	
Semester	II			Effective From	June 2023	
Course Code	BIID26208	Course Name		Transdisciplinary Open Elective 2 B		
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
2	-	2	-	13/25	13/25	50

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

Transdisciplinary Open Electives here are offered as Indian Knowledge System(IKS), as per the guidelines of NEP/UGC/KCG

#### Suggestive List:

1. Indian Yoga Practices
2. Foundation Literature of Indian Civilisation
3. Indian Astronomy
4. Indian Polity and Economy

#### Indian Yoga Practices

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.

#### Foundation Literature of Indian Civilisation

The Vedic Corpus. The Itihasas— Ramayana and Mahabharata, and their important regional versions. The Puranas. The role of Itihasas and Puranas in understanding the Vedas. Foundational Texts of Indian Philosophies, including the Jaina and Bauddha. Foundational Texts of Indian Religious Sampradayas, from the Vedic period to the Bhakti traditions of different regions.

#### i. The Vedangas and Other Streams of Indian Knowledge System:

The six Vedangas — Siksha, Vyakarana, Chandas, Nirukta, Jyotisha and Kalpa. Other streams of Indian Knowledge System such as Ayurveda, Sthapatya, Natyasastra, Dharmasastra, Arthasastra, etc. Continuity of the Corpus. The Indian way of continuing the evolution of knowledge through commentaries, interpretations and revisions of the foundational texts. The large corpus of literature on IKS in Sanskrit and other Indian languages. Others sources for the study of Indian Knowledge System.

#### ii. Indian Language Sciences:



Language Sciences and the preservation of the Vedic corpus. Varnamala of Indian languages based on classification of sounds on the basis of their origin and effort involved. The special feature of the scripts of most Indian languages, that each symbol is associated with a unique sound. Word formation in Sanskrit and Indian languages. Basic purpose of the Science of Vyakarana as established by Panini. Important texts of Indian Language Sciences —Siksha or phonetics, Nirukta or etymology, Vyakarana or Grammar, Chandas or Prosody. How the Indian Language Sciences continued to flourish in the 18//19 the centuries. Navyanaya and Navya-vyakarana in Navadvipa, Varanasi and West and South India

#### **Indian Astronomy**

Ancient records of the observation of the motion of celestial bodies in the Vedic corpus. Sun, Moon, Nakshatra & Graha. Astronomy as the science of determination of time, place and direction by observing the motion of the celestial bodies. The motion of the Sun and Moon. Motion of equinoxes and solstices. Elements of Indian calendar systems as followed in different regions of India. Important texts of Indian Astronomy. Basic ideas of the planetary model of Aryabhata and its revision by Nilakantha. Large corpus of inscriptions recording observation of eclipses. Astronomical instruments. How Indian astronomy continued to flourish in the 18/19th centuries. Astronomical endeavours of Jaisingh, Sankaravarman, Chandrasekhara Samanta

#### **Indian Polity and Economy**

Indian conception of well-organised Polity and flourishing Economy as expounded in the foundational texts. The notion of Bharatavarsha as a Chakravarti-Kshetra and important attributes of Chakravartin. King as the protector of Dharma. King as the strength and support of the weak. King as the protector of Varta. King as the protector of the times. Meaning of Varta: Krishi, Gopalana and Vanijya forming the basis of Varta and the core of economic activity in society. The importance of sharing. Grama as the centre of the polity.

#### **Note:**

- Refer Annexure for the list of the Transdisciplinary Open electives to be offered by IDPT/other institutes of Sarvajani University to students of Faculty of Interior Design, IDPT.



SARVAJANIK UNIVERSITY						
INSTITUTE OF DESIGN PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID	
Year	II			Version	2.0	
Semester	III			Effective From	June 2023	
Course Code	BID21301	Course Name	Habitat Studio			
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
8	-	8	-	50/100	50/100	200

Note: Continuous & Comprehensive 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.

Modules	Description	Hours
I Enriching Living Environments	Enriching Living Environments <ul style="list-style-type: none"> <li>• Study and analysis of various interior design parameters to understand cultural and social aspects of design.</li> </ul>	64



	<ul style="list-style-type: none"> <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>	
<b>II</b> <b>Elemental notions in residential Interiors</b>	<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>	64

**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	FADP&T			Programme	B.ID	
Year	II			Version	2.0	
Semester	III			Effective From	June 2023	
Course Code	BID21302	Course Name	Interior Materials, Systems & Services I			
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
4	4	-	-	25/50	25/50	100

Note: Continuous & Comprehensive 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

- I. 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
- II. 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.
- 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.



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.		
Modules	Description	Hours
<b>I Concrete</b>	<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>	4
<b>II Stone</b>	<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>	16
<b>III Tiles</b>	<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>	16
<b>IV By Products of Wood</b>	<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 partitions/furniture/ceiling/panelling etc and finishing details.</p>	16
<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,</p>	12



	<p>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>	
<p>All modules shall be supported with relevant labs/market survey/workshops/model making as per the requirement of the content.</p>		

#### 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.

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INSTITUTE OF DESIGN PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID	
Year	II			Version	2.0	
Semester	III			Effective From	June 2023	
Course Code	BIID22303	Course Name	Furniture & Product Design I			
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
4	-	4	-	25/50	25/50	100

Note: Continuous & Comprehensive 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 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
<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. 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. EissenKoo, (SteuerRoselien.), 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



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Faculty	FADP&T			Programme	B.ID	
Year	II			Version	2.0	
Semester	III			Effective From	June 2023	
Course Code	BIID22304	Course Name	History of Interior Design I			
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
2	2	-	-	13/25	13/25	50

Note: Continuous & Comprehensive 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 Egyptian civilization with Greece & Rome as cultures of major significance in consciousness of Western civilization. The course also examines links between early Christian and Byzantine period even further till medieval 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 also examines Indian perspective of robust & scientific planning and architecture of ancient India. Furthermore 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. Overall course 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 since Egyptians period in west and Vedic period in India.
- 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.
- Know principles of Indian town planning and architecture of Indus Valley civilization.
- Understand settlement planning pattern, elements and associated forms of typical vedic village / towns.
- Realize importance of shastra in building interrelationship with human, nature and cosmos.
- 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 of Egyptian era with reference to architecture & furniture design. Advancement in engineering achievements of the Classical world; Assessment of major materials & ornamentation in 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 design & art of medieval period in Europe; Outline of



Architecture & Furniture during Byzantine, Romanesque & Gothic periods; Vastu-shashtra and its application in city / building layout; Settlements of Indus Valley & Vedic civilization; Architecture and Interior ornamentation study through various examples in India; Inception & development of Hindu, Jain & Buddhist cave / temple form with respect to design elements; Development of regional styles of Hindu temples in India and manifestations thereof.		
Modules	Description	Hours
1. Ancient & Classical period in West	<ul style="list-style-type: none"> <li>• Ancient Egyptian Architecture and Furniture</li> <li>• Greek Architecture and Furniture</li> <li>• Roman Architecture and Furniture</li> </ul>	8
2. Byzantine and Medieval Period in West	<ul style="list-style-type: none"> <li>• Byzantine Architecture and Furniture</li> <li>• Romanesque Architecture and Furniture</li> <li>• Gothic Architecture and Furniture</li> </ul>	8
3. Indus Valley & Vedic civilization India- (IKS)*	<ul style="list-style-type: none"> <li>• Indus Valley town planning &amp; important built forms</li> <li>• Vedic settlements</li> <li>• Principles of Vastushastra</li> </ul>	8
4. Buddhist, Jain & Hindu religious forms- (IKS)*	<ul style="list-style-type: none"> <li>• Buddhist Rock cut caves in India</li> <li>• Hindu Temple Architecture &amp; ornamentation</li> <li>• Jain Temple Architecture and ornamentation</li> </ul>	8

#### 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.
6.	G. K. Hiraskar, Fundamentals of Town Planning, Dhanpat Rai Publications, New Delhi.

\*Module 3 & 4 has contents from "Indian Architecture & Town Planning" as part of "Indian Knowledge System (IKS)"



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INSTITUTE OF DESIGN, PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID	
Year	II			Version	2.0	
Semester	III			Effective From	June 2023	
Course Code	BIID23305	Course Name		Liberal Studies and Life Skills III		
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
2	2	-	-	13/25	13/25	50

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

Here, Liberal Studies and Life Skills modules are offered as Indian Knowledge System (IKS), as per the guidelines of NEP/UGC/KCG

1. Indian Performing Arts
2. Indian Textiles
3. Indian Metallurgy

#### Indian Performing Arts:

Indian Health Sciences: Vedic foundations of Ayurveda. Ayurveda is concerned both with maintenance of good health and treatment of diseases. Basic concepts of Ayurveda. The three Gunas and Three Doshas, Pancha-mahabhuta and Sapta-dhatu. The importance of Agni (digestion). Six Rasas and their relation to Doshas. Ayurvedic view of the cause of diseases. Guidelines for Incorporating Indian Knowledge in Higher Education Curricula 12 Dinacharya or daily regimen for the maintenance of good health. Ritucharya or seasonal regimen. Important Texts of Ayurveda. Selected extracts from Astāngahrdya (selections from Sūtrasthāna) and Suśruta-Samhitā (sections on plastic surgery, cataract surgery and anal fistula). The large pharmacopeia of Ayurveda. Charaka and Sushruta on the qualities of a Vaidya. The whole world is a teacher of the good Vaidya. Charaka's description of a hospital. Hospitals in ancient and medieval India. How Ayurveda continued to flourish till 18/19th centuries. Surgical practices, inoculation. Current revival of Ayurveda and Yoga.

#### Indian Textiles:

India as the ancient home of cotton and silk fabrics. Weaving formed the most significant part of Indian economy after agriculture. Varieties of textiles and dyes developed in different regions of India. India as a leading exporter of textiles in the world in the 17/18/19th centuries.

#### Indian Metallurgy:

Vedic references to metals and metal working. Mining and manufacture in India of Zinc, Iron, Copper, Gold, etc., from ancient times. Indian texts which refer to metallurgy. Important specimens of metal workmanship preserved/found in different parts of India. The significance and wide prevalence of ironsmith and other metal workers in the pre-modern era. European observers on the high quality and quantity of Indian iron and steel in the 18/19th centuries.

Note: Three modules of 04/05 weeks each will be offered for Liberal Studies & life skill course.



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Faculty	FADP&T			Programme	B.ID	
Year	II			Version	2.0	
Semester	III			Effective From	June 2023	
Course Code	BID24306	Course Name	Building Information Modelling			
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
2	-	2	-	13/25	13/25	50

Note: Continuous & Comprehensive 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:

#### 3DS Max Basics:

- Introducing 3DS Max
- Importance of 3DS Max for Interior/Architecture Students
- Creating all type of Standard, Extended, Primitive objects
- Application in Interior Design with respect to various elements.

Basics of the Building Model:

- Creating all types of shapes and door-window
- Convert all solid objects into Editable Mesh
- Convert all shapes in Editable Spline
- Creating Compound Objects
- Import CAD file in 3DS Max

Modifiers and Material:

- Use Bend, Twist, Tapper, Ripple, UVW Map etc.
- Apply Standard Material

Rendering:

- Set Camera and Environment for Rendering
- Camera Animation and Frame Animation



Modules	Description	Hours
I Exploring Software	<ul style="list-style-type: none"> <li>• Applicability of software</li> <li>• Learning tools and its application</li> <li>• Learn how to use Components and Modifiers, Compound Objects etc.</li> </ul>	8
II Interior Space Modeling	<ul style="list-style-type: none"> <li>• Learning to create floor plans with all required, all required furniture, material, and all interior elements.</li> <li>• Introducing various wall, ceiling and floor elements with respective material finishes.</li> </ul>	10
III Parametric Modeling	<ul style="list-style-type: none"> <li>• Learning tools for parametric furniture design</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
3.	Autodesk 3DS Max tutorials for Interior design, Autodesk.



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Faculty	FADP&T			Programme	B.ID	
Year	II			Version	2.0	
Semester	III			Effective From	June 2023	
Course Code	BIID25307	Course Name	Professional Elective 3 A			
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
2	-	2	-	13/25	13/25	50

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

1. Assemblage Art
2. Graphic Design
3. Relief Printing
4. Paper Sculpture

**Assemblage art:** Assemblage art is an elective that invites students to explore the innovative fusion of found objects and materials into compelling compositions. Through inventive arrangements and juxtapositions, students delve into themes of identity, memory, and societal commentary. They learn to select, manipulate, and assemble diverse elements, such as wood, metal, and discarded items, to evoke emotion and narrative. Assemblage art encourages experimentation and challenges conventional notions of beauty, fostering creativity and expression through the assemblage of ordinary objects into extraordinary artworks.

**Graphic Design:** Introduction to Graphic Design provides a foundational understanding of design principles, typography, and digital tools essential for effective visual communication. Students explore the elements of composition, colour theory, and typography to create compelling designs across various media platforms. Through hands-on projects, they learn to conceptualize and execute designs that communicate messages clearly and engage audiences effectively. This elective lays the groundwork for further exploration in the diverse and dynamic field of graphic design.

**Relief printing:** Relief printing introduces students to the traditional printmaking technique of carving images or designs into a flat surface, typically wood or linoleum. By cutting away the negative space, they create raised areas that can be inked and transferred onto paper. Through hands-on exploration, students learn carving techniques, ink application, and printing processes. Relief printing offers a tactile and versatile method for producing bold and expressive artworks, fostering creativity while honoring the rich history of printmaking.

**Paper sculpture:** Paper sculpture is an elective that explores the transformative potential of paper as a medium for creating three-dimensional artworks. Students learn various techniques such as folding, cutting, and shaping to manipulate paper into intricate and expressive forms. Through experimentation with different textures, weights, and colors of paper, they develop skills in composition and spatial design. Paper sculpture encourages imaginative thinking and tactile engagement, allowing students to push the boundaries of traditional two-dimensional art into dynamic, sculptural expressions.

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	FADP&T			Programme	B.ID	
Year	II			Version	2.0	
Semester	III			Effective From	June 2023	
Course Code	BID26308	Course Name	Transdisciplinary Open Elective 3 B			
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
2	-	2	-	13/25	13/25	50

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

Transdisciplinary Open Electives here are offered as Indian Knowledge System(IKS), as per the guidelines of NEP/UGC/KCG

1. Indian Fine Arts
2. Indian Health Sciences
3. Indian Agriculture
4. The Outreach of Indian Knowledge System

**Indian Fine Arts:** The importance of Gandharva-veda. Natyasastra on the nature and purpose of fine arts. Basic concepts of Indian music and dance. Important texts of Indian music, dance and painting. Indian musical instruments. Different schools of music, dance and painting in different regions of India. Important examples of Indian painting in various part of India. Musicology as a science. Harmonising Lakshya and Lakshana (practise and theory). Major developments in the science and practice of music the 17/18/19th centuries. The current revival of music and dance in India.

**Indian Health Sciences:** Vedic foundations of Ayurveda. Ayurveda is concerned both with maintenance of good health and treatment of diseases. Basic concepts of Ayurveda. The three Gunas and Three Doshas, Pancha-mahabhuta and Sapta-dhatu. The importance of Agni (digestion). Six Rasas and their relation to Doshas. Ayurvedic view of the cause of diseases. Guidelines for Incorporating Indian Knowledge in Higher Education Curricula 12 Dinacharya or daily regimen for the maintenance of good health. Ritucharya or seasonal regimen. Important Texts of Ayurveda. Selected extracts from Astāngahrdya (selections from Sūtrasthāna) and Suśruta-Samhitā (sections on plastic surgery, cataract surgery and anal fistula). The large pharmacopeia of Ayurveda. Charaka and Sushruta on the qualities of a Vaidya. The whole world is a teacher of the good Vaidya. Charaka's description of a hospital. Hospitals in ancient and medieval India. How Ayurveda continued to flourish till 18/19th centuries. Surgical practices, inoculation. Current revival of Ayurveda and Yoga.

**Indian Agriculture:** The significance of agriculture and irrigation as emphasised in the Ramayana, Mahabharata and other texts. Mention of Indian agriculture by the Greek historians and later travellers. Significance of agriculture and irrigation for the kings of Indian tradition. Major water-bodies of the ancient times. The Ery system of south India. Excellence of Indian agricultural technologies as observed by more recent European observers. Productivity of Indian agriculture in medieval Thanjavur and eighteenth-century Allahabad, Chengalpattu, etc. Indian attitude towards agriculture, based on Walker and later reports.

#### The Outreach of Indian Knowledge System:

The outreach of Indian Knowledge System beyond Indian boundaries forms the ancient times. Outreach to East, Southeast, Central and Southeast Asia of Indian phonetic script, decimal value place system-based arithmetic, algebra, astronomy and calendar, medical pharmacopeia,



architecture, methods of making iron and steel, cotton textiles, etc. The transmission of Indian linguistics, knowledge of plants, iron and steel metallurgy, textiles and dyeing, shipbuilding etc., to Europe in 17/18/19th centuries. Current global outreach of Ayurveda, Yoga and Indian Fine Arts.

**Note:**

- Refer Annexure for the list of the Transdisciplinary Open electives to be offered by IDPT/other institutes of Sarvajanik University to students of Faculty of Interior Design, IDPT.



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Faculty	FADP&T			Programme	B.ID	
Year	II			Version	2.0	
Semester	IV			Effective From	June 2023	
Course Code	BHD21401	Course Name	Utility/Hospitality Studio			
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
8	-	8	-	50/100	50/100	200

Note: Continuous & Comprehensive 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.



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>	64
<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>	64

**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	FADP&T			Programme	B.ID	
Year	II			Version	2.0	
Semester	IV			Effective From	June 2023	
Course Code	BIID21402	Course Name	Interior Materials, Systems and Services II			
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
4	4	-	-	25/50	25/50	100

Note: Continuous & Comprehensive 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.
- III. Understanding lighting design for building interiors and learning various technical and execution aspects for preparing electrical layout



IV. Understanding HVAC systems, its types, technical aspects and design interiors for building interiors.		
Modules	Description	Hours
<b>I Metals</b>	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. Understanding methods and techniques to work with metal and various finishes on metal surfaces.	12
<b>II Glass</b>	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. Understanding methods and techniques to work with glass and various finishes on glass surfaces and its impact on interior space.	12
<b>III Gypsum</b>	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. Installation techniques and methods, support assembly and surface finishes.	12
<b>IV Polymer based material</b>	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. Use of polymer-based products as coating material along with its textures.	12
<b>V Systems and Applications</b>	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)	4
<b>VI Building Services- Electrification and HVAC</b>	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. 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, plug points etc. and its execution through efficient electrical layout. Introduction to technical aspects of preparing electrical layout, standard terms and symbols of electrical layout, designing electrical layout for a given space	12

	<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	FADP&T			Programme	B.ID	
Year	II			Version	2.0	
Semester	IV			Effective From	June 2023	
Course Code	BIID22403	Course Name	Furniture & Product Design II			
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
4	-	4	-	25/50	25/50	100

Note: Continuous & Comprehensive 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 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 Interiors of Utility Spaces.	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. EissenKoo,(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	FADP&T			Programme	B.ID	
Year	II			Version	2.0	
Semester	IV			Effective From	June 2023	
Course Code	BHD22404	Course Name	History of Interior Design II			
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
2	2	-	-	13/25	13/25	50

Note: Continuous & Comprehensive 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 over-viewing developments in Europe & Asia from 18<sup>th</sup> century onwards with focus on major artistic movements & furniture developments central to Modern period with design principles and analysis including the building of Jaipur in India. 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, Art Nouveau etc.
- Understand significance of Islam expansion in the Indian subcontinent through its decorative arts.
- Know scientific principals adoption in India through architecture and planning of 18<sup>th</sup> Century.

#### 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 decorative arts in Islamic world during Sultanate & Mughal periods; Transformation of Vastu principals in Town planning.



Modules	Description	Hours
1. Renaissance - Post Renaissance in West	<ul style="list-style-type: none"> <li>• Renaissance Architecture and Furniture</li> <li>• Baroque Architecture and Furniture</li> <li>• Rococo Architecture and Furniture</li> </ul>	8
2. Influential styles in West	<ul style="list-style-type: none"> <li>• Neoclassical Architecture and Furniture</li> <li>• Empire style Furniture</li> <li>• Art Nouveau Architecture and Furniture</li> </ul>	8
3. Sultanate and Mughal period in India & around-(IKS)*	<ul style="list-style-type: none"> <li>• Architecture developed during Sultanate period</li> <li>• Architecture typology developed during Mughal period explained through examples</li> </ul>	8
Building Jaipur in 18 <sup>th</sup> Century-(IKS)*	<ul style="list-style-type: none"> <li>• Jaipur Town Planning</li> <li>• Important Buildings of Jaipur</li> </ul>	8

**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.
6.	Takeo Kamiya, The guide to the architecture of the Indian Subcontinent, Architecture Autonomous,

\*Module 3 & 4 has contents from "Indian Architecture & Town Planning" as part of "Indian Knowledge System(IKS)



SARVAJANIK UNIVERSITY						
INSTITUTE OF DESIGN PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID	
Year	II			Version	2.0	
Semester	IV			Effective From	June 2023	
Course Code	BIID23405	Course Name	Liberal Studies and Life Skills IV			
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
2	2	-	-	13/25	13/25	13/25

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

Here, Liberal Studies and Life Skills modules are offered as Indian Knowledge System (IKS), as per the guidelines of NEP/UGC/KCG

1. Indian constitution
2. Indian Judiciary
3. Fundamental rights and RTI

### 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.

### 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.

### 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.

Note: Three modules of 04/05 weeks each will be offered for Liberal Studies & life skill course.



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Faculty	FADP&T			Programme	B.ID	
Year	II			Version	2.0	
Semester	IV			Effective From	June 2023	
Course Code	BIID24406	Course Name	Digital Presentation			
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
2	-	2	-	13/25	13/25	50

**Note:** Continuous & Comprehensive 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 & Adobe Premiere Pro.

InDesign:

- Overview & basic functionality of the User Interface
- InDesign Elements and Families
- Techniques of audio-visual editing.
- Print and audio-visual presentation in different formats.
- 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>	8
II	<ul style="list-style-type: none"> <li>• Learn to use various effects &amp; to create graphics</li> </ul>	8



<b>Fundamentals of Art &amp; composition &amp; its integration in design</b>	<ul style="list-style-type: none"> <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>	
<b>III Basics of Adobe Premiere Pro</b>	<ul style="list-style-type: none"> <li>• Learning of user interface and tools.</li> <li>• Managing data for editing.</li> <li>• Learn to edit audio and video files.</li> </ul>	8
<b>IV Audio Visual Presentation</b>	<ul style="list-style-type: none"> <li>• Learn to use different data for presentation</li> <li>• Applying effects and transitions.</li> <li>• Different forms of video export.</li> </ul>	8

**References:**

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



SARVAJANIK UNIVERSITY						
INSTITUTE OF DESIGN PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID	
Year	II			Version	2.0	
Semester	IV			Effective From	June 2023	
Course Code	BIID25407	Course Name		Professional Elective 4 A		
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
2	-	2	-	13/25	13/25	50

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

1. Puppet making
2. Clay animation
3. Wood Assemblage Art
4. 3D printing
5. Unmanned Ariel Vehicle Training (UAV)

**Puppet Making:** Puppetry is a form of theatre or performance that involves the manipulation of puppets –

Inanimate objects, often resembling some type of human or animal figures that are animated or manipulated by a human called a puppeteer. Such a performance is also known as a puppet production. Marionettes are sometimes referred to as "puppets", but the term "marionettes" is more precise, distinguishing them from other forms of puppetry, such as finger, glove, rod, and shadow puppetry.

Types of puppets:-

- Marionettes - also known as String puppets, controlled by strings.
- Finger puppets or body puppets - controlled by fingers.
- Hand or glove puppets - manipulated by hands.
- Ventriloquist foam Puppets - mouth and human arm puppets, the puppeteer's hand becomes that of the puppet.

**Clay Animation:** In this elective, students will use a hands-on approach to animation. This course will teach you the end-to-end steps for creating stop motion animation, from writing a script, to building characters and sets, to adding audio and lip syncing sound, and filming and editing. This course is a hands-on course, which one can follow step-by-step to create one's own clay animation short film.

**Wood Assemblage Art:** In this elective the student will be introduced to various types of wood and its characteristics. Various methods of carving. Techniques of joining wood .The students will get to explore different kinds and characteristics of wood and various methods of sculpting wood (carving, burning, texture, polishing etc.) Introduction to wooden joints and methods of assembling wood pieces, tools and techniques- use and handling of wood carving tools (wood carving tools round, flat and power tools etc.

### 3D Printing

The 3D Printing course provides a comprehensive exploration of additive manufacturing technologies, processes, and applications. Through hands-on instruction and theoretical study, students learn about various 3D printing techniques. The course covers topics such as CAD modeling, material selection, and post-processing techniques. Students engage in practical projects to conceptualize, design, and fabricate 3D-printed prototypes and products. By fostering creativity,



problem-solving, and technical skills, the course prepares students to leverage 3D printing technology across diverse industries, from product design and engineering to healthcare and architecture.

#### **Unmanned Aerial Vehicle Training**

The Unmanned Aerial Vehicle (UAV) Training course offers comprehensive instruction in the operation, maintenance, and application of drones. Through hands-on training and theoretical study, students learn about UAV design, flight dynamics, regulations, and safety protocols. Emphasizing practical skills development, the course covers topics such as flight planning, aerial photography, data collection, and post-processing techniques. Students engage in simulated flight exercises and real-world missions to acquire proficiency in piloting drones for various applications, including aerial mapping, surveillance, agriculture, and cinematography. By fostering technical expertise and adherence to industry standards, the course prepares students for careers in UAV operations and remote sensing technologies.

**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	FADP&T			Programme	B.ID	
Year	II			Version	2.0	
Semester	IV			Effective From	June 2023	
Course Code	BIID26408	Course Name	Transdisciplinary Open Elective 4 B			
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
2	-	2	-	13/25	13/25	50

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

Here, Transdisciplinary Open Electives are offered as Value Added Course (VAC), as per the guidelines of NEP/UGC/KCG

1. Sports & Fitness
2. Sustainable Development Goals
3. Languages
4. Environmental Conservation

#### Sports & Fitness

The Sports and Fitness course is designed to promote physical health, well-being, and active lifestyles among students. Through a combination of theoretical knowledge and practical application, students will explore various aspects of sports science, exercise physiology, nutrition, and injury prevention. Emphasizing the importance of regular physical activity, the course will cover a range of topics including aerobic and anaerobic exercise, strength training, flexibility, and cardiovascular health. Students will engage in hands-on activities, fitness assessments, and personalized workout plans to develop a comprehensive understanding of fitness principles and strategies for maintaining a healthy lifestyle.

#### Sustainable Development Goals

The Sustainable Development Goals course provides a comprehensive overview of the United Nations' 17 Sustainable Development Goals (SDGs), addressing global challenges such as poverty, inequality, climate change, and environmental degradation. Through interdisciplinary study, students examine the interconnections between social, economic, and environmental dimensions of sustainable development. Emphasizing critical thinking and practical problem-solving, the course explores strategies for achieving the SDGs at local, national, and international levels. Through case studies, group discussions, and project work, students develop the knowledge and skills necessary to contribute to sustainable development efforts and create positive change in their communities and beyond.

#### Languages

The Native / Foreign Language course offers a comprehensive study of linguistic diversity. Through a combination of theoretical exploration and practical application, students delve into phonetics, grammar, vocabulary, and cultural nuances of languages. Emphasizing proficiency development in speaking, listening, reading, and writing, the course employs interactive activities, language labs, and cultural immersion experiences. Students engage in language exchanges, literature analysis, and linguistic research to deepen their understanding of diverse linguistic contexts. By fostering linguistic proficiency and cultural appreciation, the course prepares students to effectively communicate and engage in multicultural settings, both domestically and internationally.



Note : Identification of the language to be offered to students for the semester will depend upon the need of time, availability of experts etc.

#### **Environmental Conservation**

The Environmental Conservation course provides a comprehensive examination of ecological principles, conservation strategies, and sustainable practices. Through interdisciplinary study, students explore topics such as biodiversity conservation, ecosystem management, climate change mitigation, and natural resource preservation. Emphasizing hands-on learning and fieldwork, the course incorporates practical skills in habitat restoration, wildlife monitoring, and environmental policy analysis. Students engage with current environmental challenges and collaborate on solutions through case studies, projects, and discussions. By fostering a deep understanding of environmental issues and promoting stewardship ethics, the course equips students to contribute to the conservation and restoration of natural ecosystems for future generations.

#### **Note:**

- Refer Annexure for the list of the Transdisciplinary Open electives to be offered by IDPT/other institutes of Sarvajani University to students of Faculty of Interior Design, IDPT.



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Faculty	FADP&T			Programme	B.ID	
Year	III			Version	2.0	
Semester	V			Effective From	June 2023	
Course Code	BIID21501	Course Name	Retail Design Studio			
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
8	-	8	-	50/100	50/100	200

Note: Continuous & Comprehensive 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 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
I Immersive spatial realities in retail design	<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>	56
II Detailing in Design	<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>	56
III Understanding Practicality	<ul style="list-style-type: none"> <li>• Understanding estimation, budgeting, costing and specifications for the entire project</li> </ul>	16

## 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. Eugéni 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 Mesher 2019. Retail Design



SARVAJANIK UNIVERSITY						
INSTITUTE OF DESIGN PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID	
Year	III			Version	2.0	
Semester	V			Effective From	June 2023	
Course Code	BIID21502	Course Name	Interior Material, System & Services III			
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
4	4	-	-	25/50	25/50	100

Note: Continuous & Comprehensive 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:

- 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
- 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
- Introduction to different systems of vertical and horizontal movement in buildings like lifts, escalators, conveyor belt etc., their components, technical requirements and design integration
- Introduction to different types of fire safety systems, its components, technical requirements and design integration



Modules	Description	Hours
<b>I Textile and Fabrics</b>	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
<b>II Wet Materials</b>	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
<b>III Vertical and Horizontal Movement systems</b>	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.	16
<b>IV_ Fire Safety</b>	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 requirements, installation methods and design integration case study of different types of buildings to understand different types of elevators/escalators and design integration	16
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	FADP&T			Programme	B.ID	
Year	III			Version	2.0	
Semester	V			Effective From	June 2023	
Course Code	BIID22503	Course Name	Furniture & Product Design III			
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
4	-	4	-	25/50	25/50	100

Note: Continuous & Comprehensive 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 commercial retail interior spaces.	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	FADP&T			Programme	B.ID	
Year	III			Version	2.0	
Semester	V			Effective From	June 2023	
Course Code	BIID22504	Course Name	History of Interior Design III			
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
2	2	-	-	13/25	13/25	50

Note: Continuous & Comprehensive 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, Town-planning, 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 Planning, 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. Influence of Ancient knowledge of art & architecture continuous to flourish in modern India.

Modules	Description	Hours
1. Influential styles world wide	<ul style="list-style-type: none"> <li>• Bauhaus influence in Architecture and Furniture</li> <li>• Furniture development in 20<sup>th</sup> century in England / Italy / Scandinavia / USA</li> </ul>	8
2. Master Designers from West	<ul style="list-style-type: none"> <li>• Philosophy, life &amp; work of master Architects/designers through their space planning &amp; furniture/product design</li> </ul>	8
3. Pre & Post Independence-IKS	<ul style="list-style-type: none"> <li>• Examples of Pre Independence architecture of India</li> <li>• Examples of Post-Independence architecture &amp; Planning in India e.g. Chandigarh etc.</li> </ul>	8
4. Indian Masters-IKS	<ul style="list-style-type: none"> <li>• Philosophy, life &amp; work of Indian master Architects/designers through their space planning &amp; furniture/product design</li> </ul>	8



**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.

\*Module 3 & 4 has contents from "Indian Architecture & Town Planning" as part of "Indian Knowledge System (IKS)



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INSTITUTE OF DESIGN PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID	
Year	III			Version	2.0	
Semester	V			Effective From	June 2023	
Course Code	BIID23505	Course Name		Liberal Studies and Life Skills V		
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
2	2	-	-	13/25	13/25	50

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

1. Communication Design
2. Branding & Marketing
3. Creative Writing & Journalism

### 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.

### 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.

### 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: Three modules of 04/05 weeks each will be offered for Liberal Studies & life skill course.



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Faculty	FADP&T			Programme	B.ID	
Year	III			Version	2.0	
Semester	V			Effective From	June 2023	
Course Code	BIID24506	Course Name	Project Management			
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
2	2	-	-	13/25	13/25	50

Note: Continuous & Comprehensive 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
I Introduction	<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
II Project Methods	<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
III	<ul style="list-style-type: none"> <li>• Planning &amp; Scheduling Tools Single &amp; Overlapping relationship</li> <li>• Project Files or Job Books</li> </ul>	6



<b>Methodology of Project management</b>	<ul style="list-style-type: none"><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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Faculty	FADP&T			Programme	B.ID	
Year	III			Version	2.0	
Semester	V			Effective From	June 2023	
Course Code	BID25507	Course Name	Professional Elective 5 A			
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
2	-	2	-	13/25	13/25	50

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

1. Serigraphy
2. Film Making
3. Miniature Painting
4. Installation
5. Museology

**Serigraphy:** This course focuses on contemporary fine art silkscreen prints, the incorporation of fluid, solid and digital stencilling methods of silkscreen printing and the use of multiple approaches to the print. Drawing will be emphasized, and studio work will focus on formal visual issues and resolving visual ideas with an originality of approach. Through a coordinated sequence of projects, students will synthesize their conceptual and technical skills with this medium and study the application of hand printmaking.

**Film making:** This elective will cover all the creative aspects of planning, shooting, and editing an incredible video. The course will include the guidelines that all films follow like Pre-Production Process (Research and Development, Creating Characters, Story, and Shot list), Secrets of Production ( Mastering Your Lenses, Key Principles of Lighting, sound Recording Fundamentals, filming Fundamentals, Mastering the framing, shot choice, and camera movement) and Post-Production process (Capturing, Organizing, and Creating a Rough Edit, 4 Main Factors of Knowing When to Cut, Matching Colour, Shape, Movement, montage Essentials, Colour Correction and Colour Grading ).

**Miniature Painting:** In this course you will explore Eastern and Western, ancient and modern influences and you will create your own miniature painting using traditional and contemporary techniques. The students will learn how miniature paintings are created, using techniques including burnishing, inking and various tracing and transferring techniques. The course will explore miniature painting colours, with an option to make paint from pigments. This elective will delve deep into focusing on individual brush technique via minute hand movements and brush angles. At the end of this course students will have their own miniature painting and knowledge of basic techniques which they can use in a wide range of contemporary painting, illustration and design applications. The knowledge and skills gained from this course can be applied to any professional career in the art and design worlds, including illustration, painting and fashion design.

**Installation:** This elective introduces to the students the genre of modern contemporary art of Installations. To instil in them the idea of Non site specific installations, mostly, indoors, occupying small spaces, designed to transform the perception of space followed by advanced levels of understanding this genre. This includes basic understanding of site specific Art with traditional media



as well as found materials, out-door and indoor, permanent and temporary installations. This elective will also cover the basic aspects of advanced space transformation techniques with light, sound and Objects.

#### **Museology**

Fundamentals of Museology and Museum Management delve into the inception, evolution, and multifaceted functions of museums. It encompasses defining museums, tracing their historical trajectory, and categorizing diverse museum types. Moreover, it highlights the evolving paradigms of museum concepts, including the emergence of New Museology and the integration of virtual platforms. Professional ethics, administrative structures, financial management, collection curation, documentation procedures, exhibition techniques, and communication strategies are also pivotal components. Furthermore, the course emphasizes the critical aspects of conservation, addressing factors of deterioration, museum environments, and best practices in handling, transportation, and storage of cultural artifacts to ensure their preservation for future generations.

**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	FADP&T			Programme	B.ID	
Year	III			Version	2.0	
Semester	VI			Effective From	June 2023	
Course Code	BIID21601	Course Name	Transformation Design Studio			
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
8	-	8	-	50/100	50/100	200

Note: Continuous & Comprehensive 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
<b>I Functional Continuum</b>	<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>	64
<b>II Adaptive Anomalies</b>	<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>	64

**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 Astorg Bollack, 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, Marinke Steenhuis, Reuse, 2017.Redvelop 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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Faculty	FADP&T			Programme	B.ID	
Year	III			Version	2.0	
Semester	VI			Effective From	June 2023	
Course Code	BIID21602	Course Name		Advanced Interior Materials, Systems and Services		
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
4	4	-	-	25/50	25/50	100

Note: Continuous & Comprehensive 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 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"



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	
IV.	Building Automation and various technologies, applications and systems of automation, impact of building automation in energy efficiency.	
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>	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.  (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.)  Note: The materials listed above are just suggestive; the module is flexible to accommodate latest development in research and innovation in material science.	16
<b>III Green Interiors and Green interiors rating system</b>	Introduction to concept of "Green Interiors", Various parameters to achieve green interiors, Understanding IGBC Green interior rating systems.  Case study of "Green Interior" projects	8
<b>IV Building Acoustics</b>	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.  Application of the Thermal and sound insulation materials: mineral wool, unbounded rock and slag wool, polyurethane forms (PUF) etc., installation techniques and systems.	16
<b>V Building Automation</b>	Introduction to Home Automation. Understanding of different types of the sensors, actuator and wiring method for the automation. Definition of the smart home and understanding the integration of different services and equipment with automation.	16
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	FADP&T			Programme	B.ID	
Year	III			Version	2.0	
Semester	VI			Effective From	June 2023	
Course Code	BIID22603	Course Name	Research Methods and Application			
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
2	2	-	-	13/25	13/25	50

Note: Continuous & Comprehensive 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	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

#### 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 / <a href="https://researchleap.com/research-leap-manual-academic-writing/">https://researchleap.com/research-leap-manual-academic-writing/</a>
5.	Steven R. Terrell. 2016. Writing A Proposal for your Dissertation. Guidelines and Examples. The Guilford Press.



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Faculty	FADP&T			Programme	B.ID	
Year	III			Version	2.0	
Semester	VI			Effective From	June 2023	
Course Code	BIID22604	Course Name	Indian Crafts and Interior Space making			
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
2	2	-	-	13/25	13/25	50

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

#### Emphasis:

The subject focuses on the role of Indian crafts in Interior Space making. Various materials, techniques and processes involved in traditional crafts can be re-interpreted and applied to give newer expressions. The emphasis of the course is to recognize, document and disseminate the role of Craft & Technology in Interior space making and to establish link between tradition and continuity.

#### Course Outcome:

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

- Develop appreciation for Indian crafts, techniques and processes.
- Develop critical ability to reinterpret them into contemporary context.
- Integrate crafts and techniques into space making.
- Synthesise traditional crafts with modern technology.

#### Content:

India has inherited a diverse and rich heritage of crafts tradition. Local culture of the country displays innate ingenuity in use of techniques and materials to create objects, mundane and special, to rejoice every aspect of life. Interior spaces are where these art objects of every-day life come together in effort to create comfortable and efficient environments conducive for varied human activities, while displaying cultural nuances. Many such crafts have been integral in creation of interior spaces from sacred to secular and across scales and complexity. The beauty of exquisitely adorned temples, havelis, palaces right down to spaces in vernacular-built forms owe it to the craft tradition of India.

With rapid industrialisation and mass production of goods as a model of economic growth and development post-independence, the craft tradition of India has been ever on decline; to the extent that some have been lost and some on the verge of it. Here, profession of Interior Design can actively become the source of revitalising these crafts and designers can actively engage and experiment with the legacy of inherited craft tradition at various levels to explore new avenues in space making.

Modules	Description	Hours
I Analysing Crafts	Analysing Indian Crafts each related to the following: <ul style="list-style-type: none"> <li>• Surface application/articulation</li> <li>• Furniture/Object/Product making</li> <li>• Textile crafts related to Weaving/Dyeing/Printing</li> <li>• Applique work on Fabrics</li> <li>• Elements of space making</li> </ul>	16



<b>II Application</b>	Demonstrate the critical understanding derived from module I and apply a new interpretation of a particular craft/s in space making exercise.	<b>16</b>
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**References:**

- 1 Handmade in India – M.P Ranjan and Aditi Ranjan.
- 2 Pandya, Yatin. "Concepts of Space Making in Traditional Indian Architecture", Mapin Pub.Pvt.Ltd., Ahmedabad, 2005
- 3 Jaitly, Jaya. "The Craft Traditions of India", Lustre Press Pvt.Ltd, New Delhi, 1990
- 4 A world guide to traditional techniques by Naqsh.
- 5 Vernacular Furniture of Gujarat – CEPT University Press



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Faculty	FADP&T			Programme	B.ID	
Year	III			Version	2.0	
Semester	VI			Effective From	June 2023	
Course Code	BIID23605	Course Name	Liberal Studies and Life Skills VI			
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
2	2	-	2	13/25	13/25	50

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

1. Health, Safety and First Aid
2. Organizational Behaviour
3. Disaster Mitigation and Emergency Preparedness

### Health, Safety and First Aid

The Module on Health Safety & First Aid is designed to provide students with comprehensive knowledge and practical skills necessary to respond effectively to various medical emergencies and ensure the safety of individuals in a variety of settings. This course/module will cover essential topics related to emergency response, injury prevention, and basic first aid techniques.

This course/module will provide a comprehensive through a combination of theoretical instruction and hands-on training. students will gain proficiency in assessing the severity of injuries, providing initial care, and stabilizing patients until professional medical help arrives. Practical exercises and simulations will enable participants to apply their knowledge in simulated emergency scenarios, enhancing their confidence and preparedness to handle real-life situations effectively.

Upon completion of the Health Safety & First Aid course/module, students will be equipped with the knowledge and skills necessary to respond confidently and effectively to medical emergencies, thereby contributing to a safer and healthier environment for themselves and others.

### 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.



### **Disaster Mitigation and Emergency Preparedness**

Disasters, whether natural or human-made, can strike at any time and place, causing immense damage to lives, property, and the environment. Effective disaster mitigation and emergency preparedness are essential components of safeguarding communities, minimizing the impact of disasters, and enhancing resilience.

This course/module will provide a comprehensive overview of disaster mitigation strategies and emergency preparedness measures. Throughout the course/module, students will engage in interactive discussions, case studies, simulations, and practical exercises to deepen their understanding of disaster mitigation and emergency preparedness principles. Emphasis will be placed on interdisciplinary approaches, collaborative problem-solving, and the integration of scientific knowledge with community-based practices.

Note: Three modules of 04/05 weeks each will be offered for Liberal Studies & life skill course.



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Faculty	FADP&T			Programme	B.ID	
Year	III			Version	2.0	
Semester	VI			Effective From	June 2023	
Course Code	BID27606	Course Name	Summer Internship			
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
4	-	4	-	-	50/100	100

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

Four credits of summer internship can be earned through Related Study Programme (RSP)/ Independent Study Programme / Travel programmes/Field Projects/Apprenticeship/Online Courses/ Workshops/Design Competition/Community Engagement & Services/NCC-NSS services etc. Necessary prior approval will have to be taken from the designated committee for the same.

The intention of this course is to give exposure to experience-based learning for the enhancement of knowledge/skills/professional attributes. 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.



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Faculty	FADP&T			Programme	B.ID	
Year	IV			Version	2.0	
Semester	VII			Effective From	June 2023	
Course Code	BIID21701	Course Name	Professional Training			
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
12	-	12	-	-	150/300	300

**Professional Training:**

Students opting for the option of Four Years Programme of "Bachelor of Interior Design with Honors" or for Four Years Programme of "Bachelor of Interior Design- Honors with Research "-both shall have to undergo 16 weeks of Professional Training to earn the 12 credits as a part of Major (Core) group of subjects (Disciplinary/Interdisciplinary Major). This shall be done as a full time working/training under a **Professional Firm** recognized/approved by Institution.

<p><b>Emphasis</b></p> <p>Professional training shall be undertaken during semester VII 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 IIID. Submission of 16 weeks work shall be in the form of compilation of weekly report &amp; 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.</p>
<p><b>Course Outcome</b></p> <p>After completion of this, the student will be able to :</p> <ul style="list-style-type: none"> <li>• Understand the way interior design process evolves considering building structure &amp; services issues to create the final output.</li> <li>• Understand interrelationship between the working system of office &amp; site correspondence, through drawings preparation at office and its execution on site.</li> <li>• Get exposure in the field &amp; understand the way design projects are carried out in offices.</li> <li>• Enhance their skills of office &amp; project management and team work to enhance their capability and employability.</li> </ul>
<p><b>Content</b></p> <p>Student should be involved in office for various aspects of work mentioned below:</p> <ul style="list-style-type: none"> <li>• Designing and detailing of project including discussions with consultants, clients &amp; suppliers.</li> <li>• 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.</li> <li>• Periodic site visits should include to enhance the skills of observation, coordination with various agencies &amp; supervision of ongoing project at site.</li> </ul>
<p><b>Evaluation modules</b></p> <p>(shall be subdivided into examination sessions)</p>



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.

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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INSTITUTE OF DESIGN PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID	
Year	III			Version	2.0	
Semester	VII			Effective From	June 2023	
Course Code	BIID22702	Course Name	ODL (Open & Distance Learning Course)			
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
4	-	4	-	-	50/100	100

**ODL: Open and Distance Learning Courses:**

A student shall have to take any one online course related to Disciplinary/Interdisciplinary minor through recognized Online Portal like Swayam, NPTEL, INTACH etc. with prior approval of Institution to earn the 4 Credits allotted to ODL in Semester VII.



SARVAJANIK UNIVERSITY						
INSTITUTE OF DESIGN PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID	
Year	III			Version	2.0	
Semester	VII			Effective From	June 2023	
Course Code	BIID28703	Course Name	OJT (On Job Training)-I*			
OR						
Course Code	BIID28704	Course Name	RP (Research Project)-I**			
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
6	-	6	-	-	75/150	150

**\*OJT: On Job Training:**

A student opting for the option of Four Years Programme of "Bachelor of Interior Design with Honors", shall have to earn 6 credits of OJT-On Job Training each in VII and VIII semester. "On Job Training" includes field work undertaken as a part of any project including site visits- management and coordination /Industry Exposure/Research and Documentation etc. as approved from time to time by the Institution.

This is to be done simultaneously with Professional Training in the **VIIth semester** and a certificate for OJT has to be issued by the firm/ office where professional training is done.

For **semester VIII** the OJT will have to be done parallel to the Studio project of Major Course, a minimum of 240 hours of OJT will have to be done which shall include working with architect/ interior designer/ industry, site visits, travel studios, hands on workshops, etc. as per prior approval from the institute. Student can continue this in line with the OJT undertaken in semester VII or opt for another exposure to earn the 6 credits of OJT in semester VIII, with prior approval of Institution.

**\*\*RP: Research Project**

A student opting for the option of Four Years Programme of "Bachelor of Interior Design (Honors with Research)", shall have to earn 6 credits of Research Project, both in semester VII & VIII. Research Project includes an independent Research taken by a student under the guidance of the Mentor/Guide Designated by the Institute.

In **semester VII**, Student can select his area of interest and do in depth research on the selected topic under the area of interest. To earn the credits of the course, student must submit a research report in a prescribed format and have to appear for the jury/viva in Term End Evaluation.

In **Semester VIII**, Student in consultation with Mentor/Guide, and with prior approval of the Institute can decide to Extend/Continue with the Research Project undertaken in semester VII or can opt for another independent research project. In either case, student must submit a research report in a prescribed format and have to appear for the jury/viva in Term End Evaluation.



SARVAJANI UNIVERSITY						
INSTITUTE OF DESIGN PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID	
Year	IV			Version	2.0	
Semester	VIII			Effective From	June 2023	
Course Code	BIID21801	Course Name	Design Thesis / Studio Project			
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
12	-	12	-	75/150	75/150	300

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

#### Studio Project:

Students either opting for Four Years Programme of "Bachelor of Interior Design with Honors" or for Four Years Programme of "Bachelor of Interior Design (Honors with Research) both shall have to earn 12 credits of major from Studio Project in semester VIII

#### 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	FADP&T			Programme	B.ID	
Year	IV			Version	2.0	
Semester	VIII			Effective From	June 2023	
Course Code	BIID22802	Course Name	Professional Practice (Office Management & Contemporary Trends)			
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
4	4	-	-	25/50	25/50	100

Note: Continuous & Comprehensive 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.

The course will further give 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 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.
- 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.

#### 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.)	16
<b>IV Softwares introduction</b>	Introduction to basic software related to Project Management.	20
<b>V Contemporary Trends</b>	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.	16

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



SARVAJANIK UNIVERSITY						
INSTITUTE OF DESIGN PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID	
Year	IV			Version	2.0	
Semester	VIII			Effective From	June 2023	
Course Code	BIID28803	Course Name	OJT(On Job Training)-II*			
OR						
Course Code	BIID28804	Course Name	RP (Research Project)-II**			
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Practical	CCE	SEE	Total
6	-	6	-	-	75/150	150

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

**\*OJT: On Job Training:**

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**\*\*RP: Research Project**

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