



CURRICULUM FOR “BACHELOR OF INTERIOR DESIGN

(BID)”
(ANNEXURE III-b)

Modified and approved In April 2026,
applicable to all the batches admitted from AY
2025 onwards

॥ 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

Dr. R. K. Desai Marg, Athwalines,
Surat-395001, Gujarat, India.

Website: www.sarvajnikuniversity.ac.in

Email: admin@sarvajnikuniversity.ac.in

Email: info@sarvajnikuniversity.ac.in

Mo.:+919979102021 / +9197129 30321

Contact No .+912612660266



Constituent Institute:

Sarvajnik Colourtex School of Interior Design
MITRAJ SARVAJANIK INSTITUTE OF DESIGN,
PLANNING & TECHNOLOGY



SARVAJANIK UNIVERSITY
Faculty of Architecture, Design, Planning and
Technology
Bachelor of Interior Design



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Sarvajanik Colourtex School of Interior Design, MITRAJ Sarvajanik Institute of Design Planning & Technology, Sarvajanik University, MTB College Campus, Athwalines, Surat- India

Academic Curriculum Committee: Prof. Persi Engineer (Dean), Prof. Rikta Desai (Pro-Dean), Prof. Bhavna Vimwala (Chairman of ACC-Interior Design), Prof. Vishal Shah, Prof. Alpa Pandya, Prof. Vishal Mashruwala, Prof. Sanaeya Variava, Prof. Avinash Engineer Ar. Hitesh Modi, Ar. Nirav Heerpara, Ar. Nikhil Patel (Alumni Rep.), Mr. Jignesh Modi (Representative of National President – IID)

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Program Curriculum

Bachelor of Interior Design

The Program Curriculum proposed and drafted by the **Academic and Curriculum Committee of Interior Design** under the Faculty of Architecture, Design, Planning and Technology in the meeting held on **09/04/2026** and recommended to '**BOARD OF STUDIES**' for approval.

Prof. Bhavna Vimawala
Chairman,
Academic & Curriculum
Committee Interior Design

Place of the meeting
Sarvajani University



Sign

The Proposed Program Curriculum was approved by the **Board of Studies** under the Faculty of Architecture, Design, Planning and Technology in the meeting held on **15/04/2026** and was recommended to the '**FACULTY**' for approval.

Prof. Persi Engineer
Chairman - BOS
Architecture, Design, Planning
& Technology

Place of the meeting
Sarvajani University



Sign

The Program Curriculum approved by the **Faculty of Architecture, Design, Planning & Technology** in the meeting held on **15/04/2026** and was recommended to '**ACADEMIC COUNCIL**' for approval

Prof. Persi Engineer
Chairman & Dean
Faculty of Architecture,
Design, Planning &
Technology

Place of the meeting
Sarvajani University



Sign

The Program Curriculum approved by the '**Academic Council of Sarvajani University**' in the meeting held on **23/04/2026**

Mr. Ashish Desai
Member-Secretary,
Academic Council
& Registrar,
Sarvajani University

Place of the meeting
Sarvajani University



Sign

- *Modified and approved in April 2026, applicable to all batches admitted from AY-2025 onwards*



SARVAJANIK UNIVERSITY
Faculty of Architecture, Design, Planning and
Technology
Bachelor of Interior Design



BACHELOR OF INTERIOR DESIGN

Sarvajani Colourtex School of Interior Design

MITRAJ SARVAJANIK

**INSTITUTE OF DESIGN PLANNING &
TECHNOLOGY**

(MS-IDPT)

**FACULTY OF ARCHITECTURE, DESIGN,
PLANNING & TECHNOLOGY (FADP&T)**

SARVAJANIK UNIVERSITY
SURAT-GUJARAT INDIA

VERSION 4.0

W.E.F. ACADEMIC YEAR 2025-2026

Applicable to Batches admitted from AY 2025-2026 onwards

Proposed and discussed in ACC Meeting held on 09/04/2026

Approved in BOS meeting dated 15/04/2026

Approved in Faculty of Architecture, Design, Planning and Technology dated 15/04/2026



SARVAJANIK COLOURTEX SCHOOL OF INTERIOR DESIGN

PRELUDE

The SarvajaniK Education Society has had a presence since 1912 in the South Gujarat region. The establishment of SarvajaniK University in 2021, under the stewardship of the SarvajaniK Education Society, marked a new era in higher education, advancing the mission to provide quality education that aligns with contemporary needs and meets global standards.

The SarvajaniK College of Engineering and Technology, along with the Faculty of Architecture, was established in 1995 as the first self-financed educational institute in the state of Gujarat. Since its inception, the Faculty of Architecture has secured a prominent place at both national and international levels as a premier institution offering holistic education to aspiring architects. To date, 25 batches have graduated from FoA-SCET, with alumni making remarkable contributions globally in both professional practice and academia. A significant percentage of graduates pursuing postgraduate studies stand as a testament to the institute's success and its commitment to fostering a passion for lifelong learning.

SarvajaniK School of Interior Design (SSID) under the aegis of Faculty of Architecture, SCET was instituted in 2013 and is a self-financed educational institute offering Autonomous Diploma in Interior Design and Advanced Autonomous Diploma course in Interior Design, recognised by Institute of Indian Interior Designers; Mumbai. Since then, Faculty of Interior Design, SSID has earned a place at both, national and international level, as one of the premier institutions imparting holistic education for aspiring interior designers.

Further, with the formation of SarvajaniK University in 2021, the Faculty of Architecture-SCET and SarvajaniK Colourtex School of Interior Design were integrated under the broader umbrella of the "MITRAJ SarvajaniK Institute of Design Planning and Technology" (MS-IDPT). The institute now comprises four distinct schools: AAERT & The SSB Faculty of Architecture, SarvajaniK Colourtex School of Interior Design, SarvajaniK School of Fine Arts, and the SarvajaniK School of Planning. Through this restructuring, MS-IDPT gains full autonomy to develop and implement a progressive, forward-thinking syllabus, with curriculum content that is both meaningful and aligned with national and international standards of design education. Supported by a rich blend of experience and expertise within a strong faculty, MS-IDPT is well-positioned to embark on its journey into a new era as part of SarvajaniK University.

The programmes offered by "SarvajaniK Colourtex School of Interior Design Includes Four Years Programme of Bachelor of Interior Design (BID) and Two Years Programme of Master of Interior Design (MID). In addition to that, a Two Years Programme of Master of Design (M.Des.) is also being proposed in the near future.

BACHELOR OF INTERIOR DESIGN PROGRAM

MS-IDPT, under the umbrella of Sarvajanic University, offers a 4 years full time programme of Bachelor of Interior Design. The curriculum of the 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 Professional electives, Trans disciplinary Electives and liberal studies and life skill courses. A rich blend of experience and expertise, and strong faculty strength, 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 MS-IDPT, 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 Sarvajanic 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. Along with core courses of design and technology, Humanities, Liberal studies and life skills, a plethora of professional and open electives promote interdisciplinary learning. An integrated approach synonymous with multidisciplinary 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 will seek for integrated solutions to build a Happy Society, intrinsic to the stated Vision. Various professional ability and skill enhancement courses are ensured to build a balanced curriculum. Such a syllabus for B. ID allows students to chalk out their own roadmap as per interests and emerge as unique and responsible interior designers with a keen sensibility for societal issues.

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



VISION:

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

MISSION:

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

GRADUATE ATTRIBUTES:

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

CORE VALUES:

Institution Values	Individual Values
Equality	Passion to Excel
Learner Centric Approach	Adaptability
Nurturing creativity & Sensitivity	Compassion for All
Holistic Development	Integrity
Freedom & Discovery	Team Work
Interdisciplinary Collaboration	Social Responsiveness
Sustainability	Accountability

PROGRAMME OUTCOME:

1. **Creative and Aesthetic Development** – Cultivating originality, visual thinking, and innovation in artistic expression, and creative and functional problem solving
2. **Technical Proficiency** – Mastery of tools, techniques, and media necessary for interior design projects, including management and teamwork
3. **Critical Thinking and Analysis** – Apply critical reasoning to analyze, interpret, and solve real-world problems.
4. **Communication Skills** – Presenting and articulating creative ideas effectively in visual, oral, and written formats.

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5. **Professional and Ethical Understanding** – Knowledge and awareness of the professional world, ethical principles and professional responsibilities.
6. **Research Orientation** – Basic research skills in design culture and art practices.
7. **Lifelong Learning and Collaboration** – Recognize the need for self-directed, lifelong learning in an ever-changing environment Encouraging collaboration, self-learning, and adaptability in a creative context.(both)
8. **Sustainable Design:** Awareness and application of principles of sustainability and environmental responsibility.

SYLLABUS REVISION: VERSION 4

The syllabus proposed in August 2021, for the FOUR years Programme of Bachelor of Interior Design @ MS-IDPT was designed with a major thrust on learner centric choice-based education. Majority of the concerns expressed in NEP 2020 were also taken into account in this newly proposed (version 1) syllabus for all programmes at MS-IDPT. 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.

The Version 2.0 of Syllabus for Four Years Programme of Bachelor of Interior Design @ MS-IDPT-SU was 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 is applicable from the admission year 2023-2024.

Subsequently, the Version-3 of the syllabus was proposed as a progressive step towards implementing NEP's guidelines towards lateral admissions at 2nd year level between various programmes. Version 3 of the syllabus ensures that 16 credits in Sem I & Sem II are common between BID and BVA programme and remaining credits are programme specific. In case of change of programme, the programme specific credits (if required) can be secured by the student through a bridge course. The decision of the equivalence committee constituted by the institute/ university will be final in such a case.

The Proposed Version-4 further aligns the Foundation year of BID and BVA with B.Arch. Programme, where around 60% courses across the three disciplines will be common and 40% courses will be discipline specific. Also, the Version 4 offers a pool of Professional as well as Transdisciplinary Electives across the three programmes in accordance with level of progression aligned with the common course codes.

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It further adopts NEP philosophy of encouraging students to opt for off campus courses, especially for electives. The Version 4 of the Syllabus will be applicable from the admission year 2025-26.

GROUP OF SUBJECTS

Distribution of courses is done as per the framework provided by All India Council for Technical Education, NEP 2020 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 re-distributed as per this revision, with overall credits of 190 for Four years Degree programme.

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

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

Sub group of Course covered under Major Groups:

1) 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 design studio course of each semester is formulated on choice based as well as application-based learning while offering a variety of choices to students, based on their inclination and strength and responding to prevalent context. The technical courses under building science and engineering group includes bundling of three core components i.e. materials-construction, structure and services, specifically for interior design. The contents of technical courses are meticulously designed to align with design studios, ensuring integration of technical knowledge with creativity.

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The semester learning is divided into meticulously detailed units that will be addressing specific topics to ensure that the student receives an in-depth understanding of the topic. Major Group of courses also includes Professional Training of 16 weeks.

2) 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.

3) MULTIDISCIPLINARY:

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. The courses of Liberal studies and Life Skills are offered as modules delivered by subject experts. In liberal studies, Core values such as Integrity, empathy and professional ethics are also included in formal learning to ensure a good character of the individual.

4) 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. (Included in major group of courses, considering the core significance of professional experience in career development)

5) 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 and help students in charting their own roadmap for career based on their area of interest.



In order to offer a wider spectrum of choices and ensure global exposure, students are encouraged to take off campus electives offered by authentic platforms/organizations, pre-approved by Institution.

6) COMMON VALUE ADDED (ELECTIVE) COURSES: Transdisciplinary Open Electives:

The Common Value-Added courses are a wide range of Trans-disciplinary open 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, as courses from multiple domains are offered as a pool of electives, from which a student can select the course of his/her choice. In order to broaden learning opportunities and enhance global exposure, students are encouraged to pursue off-campus electives through recognized platforms or organizations, with prior approval from the institution, following the same approach as professional electives.

7) SUMMER INTERNSHIP:

Summer Internship is a structured academic component designed to provide students with practical exposure, professional orientation, and experiential learning. 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/Independent study Programme / Documentation /Travel programmes /Field Projects /Workshops /Design Competition etc.

8) RESEARCH PROJECT/DISSERTATION:

The intention of this course is to develop research abilities and critical thinking, resulting in developing new avenues of knowledge pool. 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)
Major (Core) (Disciplinary/ Interdisciplinary Major) (MJR) + Summer Internship (INT)	50.5%
Minor Stream (Disciplinary/ Interdisciplinary Minor) (MNR)	22.1%
Multidisciplinary / Interdisciplinary (MDC)	6.3%
Ability Enhancement Courses (AEC)	5.3%
Skill Enhancement (Elective) Courses (SEC)	5.3%
Common Value Added (Elective) Courses (VAC)	4.2%
Research Project/ Dissertation/OJT(OTH)	6.3%

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 (MJR)	68+4	92+4	92+4
2	Minor Stream (MNR)	34	42	42
3	Multi-Disciplinary (MDC)	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 (VAC)	08	08	08
7	OJT/Research Project/Dissertation	-	12(OJT)	12(RP)
	TOTAL	146	190	190



SARVAJANIK UNIVERSITY
Faculty of Architecture, Design, Planning and
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Bachelor of Interior Design



CREDIT DISTRIBUTION MATRIX:

NCRF Credit Level	Semester	Major (Core)	Minor (Electives)	Multi/ Inter-disciplinary	AEC	SEC/ Internship	VAC/ IKS	RP/ OJT	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	
1st Year Total Credits		20	12	4	4	4	4	-	48	
Exit 1: Award of UG certificate in Major course (Under Graduate Certificate in Elementary Visual Studies) with 48 credits with additional 4 credits of Summer Internship in core specific NSQF 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	
2nd Year Total Credits		44	24	8	8	8	8	-	100	
Exit 2: Award of UG Diploma in Major course (Under Graduate Diploma in Fundamental of Interior Design) with 100 credits with additional 4 credits of Summer Internship in core specific NSQF 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	
3rd Year Total Credits		68	34	12	10	14	8	-	146	
Exit 3: Award of UG Degree in Major course (Bachelor of Arts in Interiors) 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(OJT)	22	UG Honours Degree
Fourth Year	VIII	12	4	-	-	-	-	6(OJT)	22	
4th Year Total Credits		92	42	12	10	14	8	12	190	
Exit:4: Award of UG Honours Degree in Major course (Bachelor of Interior Design (Honors) with total 190 credits										
6	VII	12	4	-	-	-	-	6 (RP)	22	UG Honours with Research Degree
Fourth Year	VIII	12	4	-	-	-	-	6 (RP)	22	
4th Year Total Credits		92	42	12	10	14	8	12	190	
Exit:4: 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

W.E.F. ACADEMIC YEAR 2025-26

Applicable to Batches admitted from AY 2025-26 onwards

B. ID -I (SEM I)

Sr. No	Course Code	Course Type	Course Name	Credit	Teaching Scheme			Examination Scheme		Total
					Lecture Hrs.	Studio Hrs.	Total	CCE	SEE	
	1	2	3	4	5	6	7	8	9	10
1.	BFDE11101	MJR	Foundation Studio I	6	-	6	6	38/75	38/75	150
2.	BIID41101	MJR	Basics of Building Materials, Components and structures	4	4	-	4	25/50	25/50	100
3.	BIID42102	MNR	Graphics and Visual Representation I	4	-	4	4	25/50	25/50	100
4.	BFGN12101	MNR	Society and Culture I	2	2	-	2	13/25	13/25	50
5.	BFGN13102	MDC	Liberal Studies and Life Skills I (Psychosocial Skills I)	2	2	-	2	13/25	13/25	50
6.	BFGN14103	AEC	Communication Skills	2	2	-	2	13/25	13/25	50
7.	BFEL15101	SEC	Professional Elective 1A (Craft Skills I)	2	-	2	2	13/25	13/25	50
8.	BFEL16102	VAC	Transdisciplinary Open Elective 1B* (Indian Performing Arts)	2	-	2	2	13/25	13/25	50
			Total	24	10	14	24	-	-	600

NOTES:

Foundation Studio I: Design(D)-6 hours, Technical (T)-0 hours, OSEL (O)- 0 hours (Distribution of Contact hours may vary as and when required depending upon the need of the course)

CCE: Continuous & Comprehensive Evaluation (Formative)

SEE: Semester End Evaluation (Summative)

*The content of the course also includes relevant topics from Indian Knowledge System (IKS) and/or Value-Added Courses (VAC) as per the guidelines of NEP/UGC/KCG along with other recommended modules for learning flexibility.



B. ID-I (SEM II)

Sr. No	Course Code	Course Type	Course Name	Credit	Teaching Scheme			Examination Scheme		Total
					Lecture Hrs.	Studio Hrs.	Total	CCE	SEE	
	1	2	3	4	5	6	7	8	9	10
1	BFDE11201	MJR	Foundation Studio II	6	-	6	6	38/75	38/75	150
2	BIID41201	MJR	Building Materials, Systems and Environmental Studies	4	4	-	4	25/50	25/50	100
3	BIID42202	MNR	Graphics and Visual Representation II	4	-	4	4	25/50	25/50	100
4	BFGN12201	MNR	Society and Culture II	2	2	-	2	13/25	13/25	50
5	BFGN13202	MDC	Liberal studies and Life Skills II (Psychosocial Skills II)	2	2	-	2	13/25	13/25	50
6	BFGN14203	AEC	Communication Skills and Personality Development	2	2	-	2	13/25	13/25	50
7	BFEL15201	SEC	Professional Elective 2A (Craft Skills II)	2	-	2	2	13/25	13/25	50
8	BFEL16202	VAC	Transdisciplinary Open Elective 2B* (IKS and Health Science)	2	-	2	2	13/25	13/25	50
			Total	24	10	14	24	-	-	600

NOTES:

Foundation Studio II: Design(D) -6 hours, Technical (T)-0 hours, OSEL (O)- 0 hours (Distribution of Contact hours may vary as and when required depending upon the need of the course)

CCE: Continuous & Comprehensive Evaluation (Formative)

SEE: Semester End Evaluation (Summative)

*The content of the course also includes relevant topics from Indian Knowledge System (IKS) and/or Value-Added Courses (VAC) as per the guidelines of NEP/UGC/KCG along with other recommended modules for learning flexibility.

B.ID -II (SEM III)

Sr. No	Course Code	Course Type	Course Name	Credit	Teaching Scheme			Examination Scheme		Total
					Lecture Hrs.	Studio Hrs.	Total	CCE	SEE	
	1	2	3	4	5	6	7	8	9	10
1.	BIID41301	MJR	Habitat Studio	8	-	8	8	50/100	50/100	200
2.	BIID41302	MJR	Interior Materials, Systems and Services I	4	4	-	4	25/50	25/50	100
3.	BIID42303	MNR	Furniture and Product Design I	4	-	4	4	25/50	25/50	100
4.	BIID42304	MNR	History of Interior Design I*	2	2	-	2	13/25	13/25	50
5.	BFGN13301	MDC	Liberal Studies and Life Skills III* (Psychomotor Skills)	2	2	-	2	13/25	13/25	50
6.	BIID44305	AEC	Building Information Modelling	2	-	2	2	13/25	13/25	50
7.	BFEL15301	SEC	Professional Elective 3A (Art Theory and Practices I)	2	-	2	2	13/25	13/25	50
8.	BFEL16302	VAC	Transdisciplinary Open Elective 3B* (Financial Literacy)	2	-	2	2	13/25	13/25	50
			Total	26	8	18	26	-	-	650

NOTES:

Habitat Studio: Design(D) -4 Hours, Technical (T)-2 Hours, OSEL (O)- 2(Distribution of Contact hours may vary as and when required depending upon the need of the course)

CCE: Continuous & Comprehensive Evaluation (Formative)

SEE: Semester End Evaluation (Summative)

*The content of the course also includes relevant topics from Indian Knowledge System (IKS) and/or Value-Added Courses (VAC) as per the guidelines of NEP/UGC/KCG along with other recommended modules for learning flexibility.

B. ID -II (SEM IV)

Sr. No	Course Code	Course Type	Course Name	Credit	Teaching Scheme			Examination Scheme		Total
					Lecture Hrs.	Studio Hrs.	Total	CCE	SEE	
	I	2	3	4	5	6	7	8	9	10
1.	BIID41401	MJR	Utility/ Hospitality Studio	8	-	8	8	50/100	50/100	200
2.	BIID41402	MJR	Interior Materials, Systems and Services II	4	4	-	4	25/50	25/50	100
3.	BIID42403	MNR	Furniture and Product Design II	4	-	4	4	25/50	25/50	100
4.	BIID42404	MNR	History of Interior Design II*	2	2	-	2	13/25	13/25	50
5.	BFGN13401	MDC	Liberal Studies and Life Skills IV* (Cognitive Skills)	2	2	-	2	13/25	13/25	50
6.	BIID44405	AEC	Digital Presentation	2	-	2	2	13/25	13/25	50
7.	BFEL15401	SEC	Professional Elective 4A (Art Theory and Practices II)	2	-	2	2	13/25	13/25	50
8.	BFEL16402	VAC	Transdisciplinary Open Elective 4B* (Indian Constitution and Legal System)	2	-	2	2	13/25	13/25	50
			Total	26	8	18	26			650

NOTES:

Utility/Hospitality Studio: Design(D) -4 Hours. Technical (T)-2 Hours, OSEL (O)- 2 Hours (Distribution of Contact hours may vary as and when required depending upon the need of the course)

CCE: Continuous & Comprehensive Evaluation (Formative)

SEE: Semester End Evaluation (Summative)

*The content of the course also includes relevant topics from Indian Knowledge System (IKS) and/or Value-Added Courses (VAC) as per the guidelines of NEP/UGC/KCG along with other recommended modules for learning flexibility.

B. ID -III (SEM V)

Sr. No	Course Code	Course Type	Course Name	Credit	Teaching Scheme			Examination Scheme		Total
					Lecture Hrs.	Studio Hrs.	Total	CCE	SEE	
	1	2	3	4	5	6	7	8	9	10
1.	BIID41501	MJR	Retail Design Studio	8	-	8	8	50/100	50/100	200
2.	BIID41502	MJR	Interior Materials, Systems and Services III	4	4	-	4	25/50	25/50	100
3.	BIID42503	MNR	Furniture and Product Design III	4	-	4	4	25/50	25/50	100
4.	BIID42504	MNR	History of Interior Design III*	2	2	-	2	13/25	13/25	50
5.	BFGN13501	MDC	Liberal Studies and Life Skills V (Affective I)	2	2	-	2	13/25	13/25	50
6.	BIID44505	AEC	Project Management	2	2	-	2	13/25	13/25	50
7.	BFEL15501	SEC	Professional Elective 5A (Professional Competence I)	2	-	2	2	13/25	13/25	50
			Total	24	10	14	24			600

NOTES:

Retail Design Studio: Design(D) -4 Hours, Technical (T)-2 Hours, OSEL (O)- 2 Hours (Distribution of Contact hours may vary as and when required depending upon the need of the course)

CCE: Continuous & Comprehensive Evaluation (Formative)

SEE: Semester End Evaluation (Summative)

*The content of the course also includes relevant topics from Indian Knowledge System (IKS) and/or Value-Added Courses (VAC) as per the guidelines of NEP/UGC/KCG along with other recommended modules for learning flexibility.

B. ID -III (SEM VI)

Sr. No	Course Code	Course Type	Course Name	Credit	Teaching Scheme			Examination Scheme		Total
					Lecture Hrs.	Studio Hrs.	Total	CCE	SEE	
	1	2	3	4	5	6	7	8	9	10
1.	BIID41601	MJR	Transformation Design Studio	8	-	8	8	50/100	50/100	200
2.	BIID41602	MJR	Interior Materials, Systems and Services-IV	4	4	-	4	25/50	25/50	100
3.	BIID42603	MNR	Research Methods and Application	2	2	-	2	13/25	13/25	50
4.	BIID42604	MNR	Indian Crafts and Interior Space making	2	2	-	2	13/25	13/25	50
5.	BFGN13601	MDC	Liberal Studies and Life Skills VI (Affective II)	2	2	-	2	13/25	13/25	50
6	BIID47605	INT	Summer Internship*	4	-	-	-	-	50/100	100
			Total	22	10	8	18			550

NOTES:

Transformation Design Studio: Design(D) -4 Hours, Technical (T)-2 Hours, OSEL (O)- 2 Hours (Distribution of Contact hours may vary as and when required depending upon the need of the course)

CCE: Continuous & Comprehensive Evaluation (Formative)

SEE: Semester End Evaluation (Summative)

*Students shall have to mandatorily comply with the norm of Summer Internship of four credits equivalent to 120 hours, as recommended credit weightage is 30 hrs per credit, as suggested in Standard Operating Procedure Implementation of NEP-2020 Gujarat, issued on July 2023, point 3.4.2 regarding Credit weightage. (for further details, refer Standard Operating Manual(SOM) for Special Academic Components prepared for the programmes of MS-IDPT)

B. ID -IV (SEM VII)

Sr. No	Course Code	Course Type	Course Name	Credits	Teaching Scheme			Examination Scheme		Total
					Lecture Hrs.	Studio Hrs.	Total	CCE	SEE	
	1	2	3	4	5	6	7	8	9	10
1.	BIID41701	MJR	Professional Training	12	-	-	-	-	150/300	300
2.	BIID42702	MNR	#ODL (Open & Distance Learning Course)	4	-	-	-	-	50/100	100
3.	BIID48703	OTH	*OJT I (On Job Training)	6	-	-	-	-	75/150	150
	OR									
	BIID48704	OTH	**RP I (Research Project)	6	-	-	-	-	75/150	150
			Total	22	-	-	-	-		550

NOTES:

CCE: Continuous & Comprehensive Evaluation (Formative)

SEE: Semester End Evaluation (Summative)

*OJT- For Students opting for Four Years Programme of “Bachelors of Interior Design with Honors”

A student opting for the option of Four Years Programme of “**Bachelor of Interior Design with Honors**”, shall have to earn 6 credits of On Job Training (OJT)-each in VII and VIII semesters, with a minimum of 180 hours per semester. (As recommended credit weightage is 30 hrs per credit, as suggested in Standard Operating Procedure Implementation of NEP-2020 Gujarat, issued on July 2023, point 3.4.2 regarding credit weightage) (for further details, refer Standard Operating Manual(SOM) for Special Academic Components prepared for the programmes of MS-IDPT)

**RP-For Students opting for Four Years Programmes of “Bachelors of Interior Design (Honors with Research)” (for further details, refer Standard Operating Manual(SOM) for Special Academic Components prepared for the programmes of MS-IDPT)

ODL will have to be taken online by students from online portals such as NPTEL, Swayam, EduVikalp or any courses offered by the Institute as per prior approval from the course validation committee at MS-IDPT. The minimum time duration for the courses will have to be 8 weeks.

Students shall opt for any external platform or any distance learning course, it will be permitted only if it is aligned with programme assessment criteria of the institute.

B. ID -IV (SEM VIII)

Sr. No	Course Code	Course Type	Course Name	Credit	Teaching Scheme			Examination Scheme		Total
					Lecture Hrs.	Studio Hrs.	Total	CCE	SEE	
	1	2	3	4	5	6	7	8	9	10
1.	BIID41801	MJR	Studio Project	12	-	12	12	75/150	75/150	300
2.	BIID42802	MNR	Professional Practice (Office Management & Contemporary Trends)	4	4	-	4	25/50	25/50	100
3.	BIID48803	OTH	*OJT II (On Job training)	6	-	-	-	-	75/150	150
	OR									
	BIID48804	OTH	**RP II (Research Project)	6	-	-	-	-	75/150	150
			Total	22	4	12	16	-	-	550

NOTES:

CCE: Continuous & Comprehensive Evaluation (Formative)

SEE: Semester End Evaluation (Summative)

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

A student opting for the option of Four Years Programme of "**Bachelor of Interior Design with Honors**", shall have to earn 6 credits of On Job Training (OJT)-each in VII and VIII semesters, with a minimum of 180 hours per semester. (As recommended credit weightage is 30 hrs per credit, as suggested in Standard Operating Procedure Implementation of NEP-2020 Gujarat, issued on July 2023, point 3.4.2 regarding credit weightage) (for further details, refer Standard Operating Manual(SOM) for Special Academic Components prepared for the programmes of MS-IDPT)

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

For Students opting for Four Years Programmes of "Bachelors of Interior Design (Honors with Research)" (for further details, refer Standard Operating Manual(SOM) for Special Academic Components prepared for the programmes of MS-IDPT)

GENERAL NOTES:

- Minimum passing marks are 50% for Column no. 8 & 9. (The calculated marks will be rounded off to the nearest whole number to avoid "E & O" (Errors & Omissions) due to decimal values. (e.g. 12.5 → 13)
- It is compulsory to appear in the Semester End Evaluation (SEE) Examination to earn the respective credit for the course.
- If a student is not able to earn the credits of the course in regular examination, the same will have to be earned through interim backlog or backlog examination offered in the same/next semester respectively.
- Institute shall offer a group of Electives (Professional-SEC & Transdisciplinary Open-VAC), based on the availability of experts and other relevant parameters, and may change the courses offered from time to time. Students are supposed to select any one course from each group from the list of Electives offered.
- Students shall have to mandatorily comply with the norm of Summer Internship (120 hours as recommended credit weightage is 30 hrs per credit, as suggested in Standard Operating Procedure Implementation of NEP-2020 Gujarat, issued on July 2023, point 3.4.2 regarding Credit weightage), 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)
- The student continuing for FOUR years shall have to mandatorily earn 4 credits for Summer Internship as part of the third-year total credits.
- Four credits of summer internship can be earned through internship/ apprenticeships/ field-based learning/ minor project/ community engagement and service/NSS/Independent study Programme / Documentation /Travel programmes /Field Projects /Workshops /Design Competition etc. Summer Internship may be undertaken in organizations/offices/studios/institutions, or professional settings that are relevant to the academic and professional domain of the parent programme. Necessary prior approval will have to be taken from the committee designated for the same at MS-IDPT.(for further details, refer Standard Operating Manual(SOM) for Special Academic Components prepared for the programmes of MS-IDPT)
- Related Study Programmes are mandatory for Design Programme and minimum 02 Nos. of RSP 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 the concerned committee. (for further details, refer Standard Operating Manual(SOM) for Special Academic Components prepared for the programmes of MS-IDPT)
- Students taking the exit option after FIRST year/SECOND year shall have to complete at least one RSP to get the relevant qualification of that level.
- All the courses are auditable courses for calculation of SPI/CPI

Semester progression rules (as received via circular no.SU/20250825/0676, dated 25-08-2025)

Promoting To Year	Promotion Eligibility to next year		
	First Year Direct Admit	Second Year Lateral Entry	Third Year Direct Admit
Second Year	At least 50% credits cleared out of the total assigned First Year credits	-----	-----
Third Year	<p>Condition 1: At least 80% credits cleared out of the total assigned First year credits. At least 60% credits cleared out of the total assigned Second year credits.</p> <p>Or</p> <p>Condition 2: All courses of First year cleared. At least 50% credits cleared out of the total assigned Second year credits. <u>Student will be allowed to progress if he/she fulfils any of the above 2 conditions.</u></p>	At least 50% credits cleared out of the total assigned Second year credits	-----

Promoting To Year	Promotion Eligibility to next year		
	First Year Direct Admit	Second Year Lateral Entry	Third Year Direct Admit
Fourth Year	<p>Condition 1: All courses of First year cleared. At least 80% credits cleared out of the total assigned Second year credits. At least 60% credits cleared out of the total assigned Third year credits.</p> <p>Or</p> <p>Condition 2: All courses of First & Second year cleared. At least 50% credits cleared out of the total assigned third year credits. <u>Student will be allowed to progress if he/she fulfils any of the above 2 conditions.</u></p>	<p>Condition 1: At least 80% credits cleared of the total assigned Second year credits. At least 60% credits cleared of the total assigned Third year credits.</p> <p>Or</p> <p>Condition 2: All courses of Second year cleared. At least 50% credits cleared of the total assigned Third year credits. <u>Student will be allowed to progress if he/she fulfils any of the above 2 conditions.</u></p>	At least 50% credits cleared out of the total assigned Third year credits

Promoting To Year	Promotion Eligibility to next year		
	First Year Direct Admit	Second Year Lateral Entry	Third Year Direct Admit
Fifth Year	<p>Condition 1: All courses of First & Second year cleared. At least 80% credits cleared out of the total assigned Third year credits. At least 60% credits cleared out of the total assigned Fourth year credits.</p> <p>Or</p> <p>Condition 2: All courses of First, Second & Third year cleared. At least 50% credits cleared out of the total assigned Fourth year credits. <u>Student will be allowed to progress if he/she fulfils any of the above 2 conditions.</u></p>	<p>Condition 1: All courses of Second year cleared. At least 80% credits cleared out of the total assigned Third year credits. At least 60% credits cleared out of the total assigned Fourth year credits.</p> <p>Or</p> <p>Condition 2: All courses of Second & Third year cleared. At least 50% credits cleared out of the total assigned Fourth year credits. <u>Student will be allowed to progress if he/she fulfils any of the above 2 conditions.</u></p>	<p>Condition 1: At least 80% credits cleared out of the total assigned Third year credits. At least 60% credits cleared out of the total assigned Fourth year credits.</p> <p>Or</p> <p>Condition 2: All courses of Third year cleared. At least 50% credits cleared out of the total assigned Fourth year credits. <u>Student will be allowed to progress if he/she fulfils any of the above 2 conditions.</u></p>

Note: Successful completion of Professional Training in Semester VII is mandatory to enroll for Semester VIII.

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 portals such as NPTEL, Swayam, EduVikalp or any courses offered by the Institute as per prior approval from the course validation committee at IDPT to earn the 4 Credits allotted to ODL in Semester VII. The minimum time duration for the courses will have to be 8 weeks.

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 On Job Training (OJT)-each in VII and VIII semesters. with a minimum of 180 hours per semester. (As recommended credit weightage is 30 hrs per credit, as suggested in Standard Operating Procedure Implementation of NEP-2020 Gujarat, issued on July 2023, point 3.4.2 regarding credit weightage). “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 the Major Course. which shall include working with architect/ interior designer/ industry, site visits, etc. as per prior approval from the institute. A 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/her 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.

(for further details, refer Standard Operating Manual(SOM) for Special Academic Components prepared for the programmes of MS-IDPT)

B. ID I (Semester I)

MITRAJ SARVAJANIK INSTITUTE OF DESIGN, PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID	
Year	I			Version	1.0	
Semester	I			Effective From	June 2025	
Course Code	BFDE11101			Course Name	Foundation Studio I	
Course Type	Major			-		
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Total	CCE	SEE	Total
6	-	6	6	38/75	38/75	150

CCE: Continuous and Comprehensive Evaluation including 20% of Attendance, 80 % of Sincerity in attending classes/class tests/ timely submissions of assignments/self-learning attitude/solving advanced problems/periodic assessment conducted by institute.

SEE: Sem End Evaluation: Theory Exam or Jury/viva on practical skills learned in course. In case of theory exams the question paper of minimum 50 marks (2hrs) will be drawn for evaluation.

The minimum passing head is 50%, it is rounded to 38 marks to avoid "E&O"(Errors and Omissions) arising due to decimal value.

Prerequisite: - N.A.

List of Courses where this course will be a prerequisite: - N.A.

Rationale:

The foundation studio is an important process to initiate the art & design process, which aims to shape the art & design sensitivities of students and to develop their communicative abilities as well as their problem-solving skills. In the Foundation Studio, first-year Architecture, Interior and Visual Arts students are introduced to elements and fundamentals of art & design principles, methods, visual judgment, and the creative process. Studio exercises are intended to provide hands-on practice in ordering an art & design inquiry and structuring conceptual and visual arguments.

Content:

Sr No.	Description	No. of Hours
Unit 1	Developing Visual Literacy Introduce students to the fundamentals of visual language through structured observation and sketching exercises. Emphasis will be placed on outdoor sketching, perspective drawing, and freehand scaled drawings of natural and built objects. Students will explore a variety of art materials including pencil, charcoal, watercolor, ink, pastels, and acrylics. Warm-up activities will encourage disciplined observation and visual analysis, fostering critical thinking and verbal articulation through the graphical interrogation of natural and man-made subjects.	30
Unit 2	Analysis and understanding of elements and Principles of Art and Design This unit focuses on developing fluency in the core elements and principles of art and design. Students will explore foundational concepts such as emphasis, balance, alignment, contrast, repetition, rhythm, proportion, and movement etc. Alongside this, they will study the systematic application of color theory, gaining insight into how color interacts with form, space, and perception to support expressive and functional outcomes in design.	24

Unit 3	Conceptualize & create Students will engage with the basic elements of art and design to express a range of visual ideas and communicate concepts effectively through 2D and 3D compositions. The unit emphasizes interaction between elements such as light, motion, and form to create dynamic and aesthetic works. Students will explore how principles like unity, balance, and rhythm guide composition. Color theory, including psychological and symbolic dimensions, will be applied to generate meaningful palettes and motifs. Inspiration from nature will drive material exploration and concept development. Consideration of space and socio-cultural context will help refine aesthetic sensibilities and support idea evolution through prototyping and contextual application.	36
Unit 4	Composition Writing & Compilation Craft Students will develop narratives to accompany their visual compositions, enabling reflective articulation of concept, process, and intent. The unit culminates in the compilation and curation of work produced throughout the semester, reinforcing the practice of documentation, presentation, and self-assessment as part of the design process.	6

Suggested Specification table for Evaluation:

Distribution of Evaluation					
R Level	U Level	A Level	N Level	E Level	C Level
10%	20%	20%	10%	-	40%

Legends: R: Remembrance, U: Understanding; A: Apply, N: Analyze, E: Evaluate C: Create and above Levels (Revised Bloom's Taxonomy)

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the Final Evaluation may vary slightly from above table.

Reference Books:

Sr No	Title of book /article	Author(s)	Publisher and details like ISBN	Year of publication	Publication Edition
1	Fun With a Pencil: How Everybody Can Easily Learn to Draw	Andrew Loomis	Titan Books Ltd., ISBN: 9780857687609	2011	Reprint
2	Anatomy and Drawing	Victor Perard	Dover Publications, ISBN: 9780486432960	2004	Annotated Edition
3	Dynamic Figure Drawing	Burne Hogarth	Watson-Guptill, ISBN: 9780823015771	1996	1st Edition

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4	The Drawing Book: Materials and Techniques for Today's Artists	Richard McDaniel	Watson-Guptill, ISBN: 9780823013920	1995	First Printing
5	Landscape Painting: Essential Concepts & Techniques of Plein Air and Studio Practice	Mitchell Albala	Watson-Guptill, ISBN: 9780823032204	2009	First Edition
6	Design in Architecture: Architecture and the Human Sciences	Geoffrey Broadbent	John Wiley & Sons, ISBN: 9780471105831	1973	First Edition
7	Learning Basic Design	Pradnya Chauhan	Rizvi College of Architecture, ISBN: 9788195539304	2005	First Edition
8	Design Drawing	Francis D. K. Ching, Steven P. Juroszek	John Wiley & Sons, ISBN: 9780470533697	2010	2nd Edition
9	Architecture: Form, Space, and Order	Francis D. K. Ching	John Wiley & Sons, ISBN: 9781118745083	2014	4th Edition
10	Experiencing Architecture	Steen Eiler Rasmussen	The MIT Press, ISBN: 9780262680028	1962	2nd Revised Edition

Course Outcomes:

Sr. No.	CO statement	Marks % weightage
CO-1	Develop visual literacy through active processes of seeing, observing, recording, and interpreting to understand form, space, structure, and composition in the built and visual environment.	25%
CO-2	Demonstrate foundational manual skills by exploring a range of traditional and contemporary tools, techniques, and materials through hands-on making and model-building exercises.	20%
CO-3	Apply critical thinking by comparing, analysing, and abstracting key elements and principles of design and art to inform creative decisions and spatial understanding.	40%
CO-4	Explore and experiment with a broad spectrum of media and methods to cultivate conceptual clarity, technical proficiency, and confidence in creative expression.	15%

List of Open learning website: N.A.

List of Open Source Software: N.A.

Modified and approved in April 2026, applicable to all the batches admitted from AY 2025 onwards

List of Exercises:

Sr. No.	Studio Exercises / Assignments for CCE
1	Developing intentional observation and strengthening visual translation skills by engaging students in the direct study of natural or built environments. Students will visually document key elements—such as form, proportion, texture, light, and perspective—through freehand sketching or alternative forms of visual representation. The aim is to cultivate perceptual sensitivity, enhance hand-eye coordination, and build confidence in observational drawing as a foundational design skill.
2	Introduction to the elements of design and basic color theory while exploring color relationships through small-scale visual compositions. Through the use of paint, collage, or digital media, students will experiment with various color schemes to understand color harmony, visual balance, and the emotional impact of color. The focus is on developing foundational knowledge of color application and its role in visual communication and design aesthetics.
3	Exploration of fundamental design principles such as harmony, balance, symmetry, contrast, rhythm, and biomimicry. Students will select or be assigned a principle and interpret it visually through different mediums and methods that are open-ended, encouraging individual exploration and experimentation. Emphasis is placed on conceptual clarity, creative freedom, and material exploration, enabling students to translate abstract design ideas into tangible visual expressions.
4	Creation of multiple 2D or 3D compositions using different design approaches—such as symmetry versus asymmetry or minimal versus complex forms—and then analyze and compare the outcomes. The aim is to evaluate the visual structure, compositional impact, and design logic of each work, encouraging students to reflect on how design decisions influence meaning, aesthetics, and viewer perception. This process builds critical thinking and design judgment skills.
5	Writing a short reflective text that explains the concept, process, and intent behind their final design exercise. The writing should include observations about material exploration, creative choices, and personal growth throughout the exercise. This reflection encourages students to articulate their design thinking, assess their creative development, and build confidence in discussing their work through a clear and thoughtful narrative.

Year: B. ID I (Semester I)

MITRAJ SARVAJANIK INSTITUTE OF DESIGN, PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID	
Year	I			Version	4.0	
Semester	I			Effective From	June 2025	
Course Code	BIID41101			Course Name	Basics of Building Materials, Components and Structures	
Course Type	Major					
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Total	CCE	SEE	Total
4	4	-	4	25/50	25/50	100

CCE: Continuous and Comprehensive Evaluation including 20% of Attendance, 80 % of Sincerity in attending classes/class tests/ timely submissions of assignments/self-learning attitude/solving advanced problems/periodic assessment conducted by institute.

SEE: Sem End Evaluation: Theory Exam or Jury/viva on practical skills learned in course. In case of theory exams the question paper of minimum 50 marks (2hrs) will be drawn for evaluation.

Prerequisite (if any): - N.A.

List of Courses where this course will be prerequisite: - N.A.

Rationale: - This course introduces students to the fundamental understanding of buildings as integrated systems of materials, components. It develops basic knowledge of building types, functions, while familiarizing students with commonly used building materials and their properties.

Through the study of building components and load transfer systems, students gain insight into how buildings are constructed and how structural elements perform. Overall, the course builds a strong foundation for technical awareness, and informed design thinking essential for architecture and interior design.

Content:

Sr. No.	Description	No. of Hours
Unit 1	<p>Orientation</p> <ul style="list-style-type: none"> Building Basics-1: History and evolution of building construction technology & materiality. Building Basics-2: Understanding “building” its types, functions and classification according to its purpose and usage of spaces, building components, relationship of building elements. 	4
Unit 2	<p>Introduction To Basic Building Materials Materials such as Soil, Cement, Lime, Bamboo, Wood, Stone, Glass, Plastic, Metals.</p> <ul style="list-style-type: none"> Classification of Materials: different types of materials-natural/man-made, source of materials, use and application of different materials. 	32



	<ul style="list-style-type: none"> • Properties of Materials: physical and chemical properties, manufacturing process, various tests to check strength of materials, different grades of materials. 	
Unit 3	Introduction to Building Components <ul style="list-style-type: none"> • 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, arches, dome, valute) 	12
Unit 4	Introduction to Building System <ul style="list-style-type: none"> • Load transferring systems: Introduction to load bearing, frame and composite structure • Building Loads: Types of loads on building, various types of load and its transfer actions. • Structural Components: Behavior 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. 	16

Suggested Specification table for Evaluation:

Distribution of Evaluation					
R Level	U Level	A Level	N Level	E Level	C Level
30%	30%	20%	5%	5%	10%

Legends: R: Remembrance, U: Understanding; A: Apply, N: Analyze, E: Evaluate C: Create and above Levels (Revised Bloom's Taxonomy)

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the Final Evaluation may vary slightly from above table.

Reference Books:

Sr No	Title of book /article	Author(s)	Publisher and details like ISBN	Year of publication	Publication Edition
1	Building Construction Illustrated	Ching, Frank (Francis D.K.)	John Wiley & Sons, Inc., Hoboken, New Jersey	2014	Not Specified
2	Building Structures Illustrated: Patterns, Systems, and Design	Ching, Frank (Francis D.K.), Barry S. Onouye, Douglas Zuberbuhler	John Wiley & Sons, Inc., Hoboken, New Jersey	2009	Not Specified

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3	Building Construction, Volume 1 to 4	McKay, W.B.	Longman Group Ltd., London	2005	Not Specified
4	Building Construction, Volume 1 to 5	Barry, R.	Blackwell Science Ltd.	1999	Not Specified
5	Building Construction	Kumar, Sushil	Standard Publishers, Delhi	2003	19th Edition
6	Building Construction: Materials and Types of Construction	Rangwala, S.C.	John Wiley and Sons, New York	1963	Not Specified

Course Outcomes:

Sr. No.	CO statement	Marks % weightage
CO -1	Understand and classify buildings based on their types, purpose, and spatial usage.	10%
CO -2	Identify and differentiate types of building materials with its properties & applications in building and in various forms.	40%
CO-3	Identify building components from sub structure to super structure and understand the role of each building component in the overall building system.	25%
CO-4	Understand different types of loads and load transfer in buildings., classify buildings on the basis of structural systems for load transfer.	25%

List of Open learning websites: N.A.

List of Open Source Software: N.A.

List of Exercises:

Sr. No.	Studio Exercises / Assignments for CCE
1	Students will conduct a market survey to explore various types of building materials commonly used in construction and design. Students will gather data on each material's properties, cost, availability, and suitable applications. Based on their findings, they will prepare a material board that visually presents samples, images, textures, and key information about selected materials.
2	Case Study of various building materials along with its construction techniques.
3	Students will understand exploded diagrams/models of the building (load bearing and frame structure) and label all major components from the foundation (substructure) to the roof (superstructure). They will describe the function of each part in written or diagrammatic form and explain how it contributes to the performance and stability of the building.



4	Students will observe and document various structural and non-structural components in a selected building (on-campus or through reference images). Key components to be identified include the foundation, columns, beams, slabs, walls, staircases, lintels, sills, balconies, and canopies. For each component, students will sketch and label its position, note its material, and describe its purpose, interaction within the overall building system
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Year: B.ID I (Semester I)

MITRAJ SARVAJANIK INSTITUTE OF DESIGN, PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID	
Year	I			Version	4.0	
Semester	I			Effective From	June 2025	
Course Code	BIID42102			Course Name	Graphics & Visual Representations I	
Course Type	Minor					
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Total	CCE	SEE	Total
4	-	4	4	25/50	25/50	100

CCE: Continuous and Comprehensive Evaluation including 20% of Attendance, 80 % of Sincerity in attending classes/class tests/ timely submissions of assignments/self-learning attitude/solving advanced problems/periodic assessment conducted by institute.

SEE: Sem End Evaluation: Theory Exam or Jury/viva on practical skills learned in course, in case theory exams the question paper of minimum 50 marks (2hrs) will be drawn for evaluation.

Prerequisite (if any): N.A.

List of Courses where this course will be prerequisite: - N.A.

Rationale: - The course focuses on “Visual Literacy” which enables students to represent ideas technically and visually accurate. 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 representing drawings.

Content:

Sr. No.	Description	No. of Hours
Unit 1	Manual Drafting Tools and Techniques <ul style="list-style-type: none"> • Introduction to drafting tools and its application. • Introduction to fundamental elements of drawing - lines, line type and intensity. • Developing & exploring various techniques to use typography – styles and character 	8
Unit 2	Scale and Proportions <ul style="list-style-type: none"> • Develop a sense of scale and proportions of the given object/space/ form. • Develop understanding and applicability of scale in drawings. 	8
Unit 3	Drawing Literacy <ul style="list-style-type: none"> • Develop understanding of Design drawings - Plans, Sections and Elevations. • Drafting technical drawings based on learnings of Unit-I & II 	16



Unit 4	AutoCAD Tools and Techniques <ul style="list-style-type: none"> • Introduction to AutoCAD tools and its application • Learning to draw Plan, Section, Elevations in the AutoCAD software • Understanding the layer system, layer manager, Scales, related line weights. • Introduction to Layouts – Panel Composition with various scales. 	16
Unit 5	Photoshop & its Techniques <ul style="list-style-type: none"> • Introduction to editing & rendering tools and its application. • Understanding Layer concepts • Techniques of digital rendering 	16

Suggested Specification table for Evaluation:

Distribution of Evaluation					
R Level	U Level	A Level	N Level	E Level	C Level
10%	30%	30%	20%	0	10%

Legends: R: Remembrance, U: Understanding; A: Apply, N: Analyze, E: Evaluate C: Create and above Levels (Revised Bloom’s Taxonomy)

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the Final Evaluation may vary slightly from above table.

Reference Books:

Sr No	Title of book /article	Author(s)	Publisher and details like ISBN	Year of publication	Publication Edition
1.	Drawing, Space, Form, Expression	Francis D. K. Ching,	John Wiley & Sons,	2015	-
2.	‘Engineering Drawing And Graphics + AutoCAD’,	K. Venugopal	New Age International	2007	-
3.	‘Architectural Graphic Standards’,	Dennis J. Hall, Nina M. Giglio,	John Wiley & Sons,	2015	-

Course Outcomes:

Sr. No.	CO statement	Marks % weightage
CO-1	Understand various drafting tools and their application	10%
CO-2	Understand the concepts of interior drawing techniques	20%
CO-3	Interpret and produce orthographic drawings using manual and digital tools. (Plan, Section, Elevation)	30%
CO-4	Create and plot drawings using AutoCAD, including layout preparation and layering systems.	30%
CO-5	Developing digital techniques	10%

List of Open learning website:

List of Open Source Software:

List of Exercises:

Sr. No.	Studio Exercises / Assignments for CCE
1	Line types, intensities and typography sheets (manual)
2	Scale drawings of everyday objects and spatial elements
3	Drafting orthographic drawings of a space (manual + AutoCAD)
4	Drawing layer management exercise in AutoCAD
5	Layout and plotting assignment in multiple scales
6	Preparing basic architectural drawing set (plan section elevation) (manual + AutoCAD)
7	Assignments enhancing digital skills

Year: B.ID I (Semester I)

MITRAJ SARVAJANIK INSTITUTE OF DESIGN, PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID	
Year	I			Version	1.0	
Semester	I			Effective From	June 2025	
Course Code	BFGN12101			Course Name	Society & Culture I	
Course Type	Minor					
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Total	CCE	SEE	Total
2	2	-	2	13/25	13/25	50

CCE: Continuous and Comprehensive Evaluation including 20% of Attendance, 80 % of Sincerity in attending classes/class tests/ timely submissions of assignments/self-learning attitude/solving advanced problems/periodic assessment conducted by institute.

SEE: Sem End Evaluation: Theory Exam or Jury/viva on practical skills learned in course, in case theory exams the question paper of minimum 50 marks (2hrs) will be drawn for evaluation.

The minimum passing head is 50%. it is rounded to 13 marks to avoid "E & O" (Errors and Omissions) arising due to decimal value.

Prerequisite (if any): N.A.

List of Courses where this course will be prerequisite: - N.A.

Rationale: - This course builds a strong contextual and cultural foundation for creative and spatial practices. It offers insights into how built forms and artistic expression were designed not just for utility but also for meaning. Understanding diverse histories fosters respect for pluralism and prepares students to design responsibly in multicultural settings. This course links design with anthropology, sociology, politics and religion encouraging a holistic design approach.

Content:

Sr. No.	Description	No. of Hours
Unit 1	Introduction to the role of culture and society; Introduction to evolution of Man and concomitant architecture in early settlements	6
Unit 2	River valley civilizations and Cultures – Indus valley, Nile valley, Mesopotamia, Yellow River	6
Unit 3	Age of Empires- Han China, Persian, Greek City-states, Alexander’s empire	8
Unit 4	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
Unit 5	Rise of Christianity and concomitant religious and cultural consequences	4

Suggested Specification table for Evaluation:

Distribution of Evaluation					
R Level	U Level	A Level	N Level	E Level	C Level
10%	20%	20%	20%	10%	20%

Legends: R: Remembrance, U: Understanding: A: Apply, N: Analyze, E: Evaluate C: Create and above Levels (Revised Bloom's Taxonomy)

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the Final Evaluation may vary slightly from above table.

Reference Books:

Sr No	Title of book /article	Author(s)	Publisher and details like ISBN	Year of publication	Publication Edition
1.	World History 101: From Ancient Mesopotamia and the Viking Conquests to NATO and Wikileaks, an Essential Primer on World History.	Head. Tom	Adams Media, Avon. Massachusetts	2017	1st Edition
2.	Mesopotamian Architecture and Town Planning. B.A.R., Oxford	Kubba. Shami	B.A.R., Oxford	1987	1st Edition
3.	Life In Neolithic Farming Communities.	Kuijt, Ian	Kluwer Academic Publishers, New York	2002	1st Edition
4	World History: From the Ancient World to the Information Age.	Parker. Philip	Eyewitness Companions, Dorling-Kindersley, London	2017	Revised Edition
5	Early India: From the Origins to AD1300.	Thapar, Romila	University of California Press, Berkeley	2002	1st Edition
6	The Greeks	Kitto, H.D.F.	Penguin Books Ltd.	1950	Revised Edition
7	Daily Life in Ancient Rome: The People and the City at the Height of the Empire.	Henry T..	Penguin Books Ltd.	1991	Revised Edition
8	The Wars of Alexander the Great: 336–323 BC: 26 Essential Histories	Heckel, Waldemar	Osprey Publishing	2002	1st Edition

Course Outcomes:

Sr. No.	CO statement	Marks % weightage
CO-1	Analyse historical processes that shape individuals, societies and communities from early societies to 1st century CE	25%
CO-2	To describe the 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.	30%
CO-3	To place events, built forms, important persons and historical developments in the space-time continuum.	20%
CO-4	To analyse the built environment and sacred structures as the product of culture and its articulation in built forms	25%

List of Open learning website:

List of Open Source Software:

List of Exercises:

Sr. No.	Studio Exercises / Assignments for CCE
1	Create a tableau/diorama based on any civilization/culture studied
2	Correlate the principles of a religion studied with its articulation in built structure
3	Create any artefact from any civilization with the help of a medium studied
4	Make a powerpoint presentation on a given topic and present it before the class

Year: B.ID I (Semester I)

MITRAJ SARVAJANIK INSTITUTE OF DESIGN, PLANNING & TECHNOLOGY						
Faculty		FADP&T		Programme		B.ID
Year		I		Version		1.0
Semester		I		Effective From		June 2025
Course Code		BFGN13102		Course Name		Liberal Studies & Life Skills I (Psychosocial Skills)
Course Type		Multidisciplinary/Interdisciplinary				
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Total	CCE	SEE	Total
2	2	-	2	13/25	13/25	50

CCE: Continuous and Comprehensive Evaluation including 20% of Attendance, 80 % of Sincerity in attending classes/class tests/ timely submissions of assignments/self-learning attitude/solving advanced problems/periodic assessment conducted by institute.

SEE: Sem End Evaluation: Theory Exam or Jury/viva on practical skills learned in course. In case of theory exams the question paper of minimum 50 marks (2hrs) will be drawn for evaluation.

The minimum passing head is 50%, it is rounded to 13 marks to avoid "E & O" (Errors & Omissions) arising due to decimal value.

The Content of the course also includes relevant topics from Indian Knowledge System (IKS) and/ or Value Added Courses (VAC) as per the guidelines of NEP/UGC/KCG along with other recommended module for learning flexibility

Prerequisite (if any): As per semester progression rule of SarvajaniK University /promotion eligibility.

List of Courses where this course will be prerequisite: - NA

Rationale: - This course fosters empathy, self-awareness, and foundational life skills essential for designers. Through exploration of human behaviour, communication, and ethical thinking, students begin to understand the societal impact of design. It builds a strong base in professional ethics, encouraging responsible, sensitive, and context-aware creative practices.

This domain based structure is intended to encourage cross disciplinary engagement, and thematic continuity beyond core disciplinary boundaries.

The topics under Liberal Studies & Life Skills I are subject to change under the availability of resource persons. However, the domain for this course will remain 'Psychosocial I'.

Following is the list of tentative modules.

Liberal Studies & Life Skills I (Psychosocial I)

- Public Speaking
- Team Building

Description of course

Public Speaking

This Liberal Studies & Life Skills module introduces students to the foundations of public speaking as a key psychosocial and professional life skill, with a focus on confidence, clarity, and audience awareness. Through short talks, peer feedback, and reflective exercises, students learn how to structure ideas, manage stage fright, and use voice, body language, and visuals effectively in academic and design-related contexts. The course emphasizes everyday communication situations such as studio presentations, juries, group briefings, and community interactions, helping students articulate their thoughts respectfully and persuasively. By engaging in individual and small-group speaking tasks, learners also develop empathy, active listening, and constructive feedback habits that support healthy interpersonal relationships.

Team Building

This Liberal Studies & Life Skills module focuses on understanding and practicing the dynamics of effective teamwork as an essential psychosocial skill in creative and professional environments. Students explore roles within groups, principles of collaboration, and strategies for managing conflict, diversity, and differing opinions in project settings. Through interactive activities, simulations, and short design or art-related team tasks, they experience goal setting, shared responsibility, and collective problem solving. The course encourages self-awareness, respect for others, and responsible communication so that students can contribute positively to studio teams, community engagements, and interdisciplinary projects from the first semester onward.

Content:

Sr. No.	Description	No. of Hours
Based on the topic offered the units will be detailed out by the concerned faculty considering following suggestive guidelines...		
Unit 1	The Art of Self-Projection Overcoming stage fright, breath control, posture, and non-verbal communication. Focus on "Survival Basics" of standing in front of an audience.	8
Unit 2	Structuring the Narrative Organizing ideas for clarity; opening hooks and strong conclusions. "Basic Care" for the audience by ensuring the message is easy to follow.	8
Unit 3	Presentation Tools & Design Juries Using visuals effectively and handling Q&A sessions. Simple "repairs" for when a presentation goes wrong; safe handling of technical equipment and props.	8
Unit 4	Team Dynamics & Collective Problem Solving Group briefings, managing conflict, and peer feedback. "Emergency handling" of team disagreements and collaborative task execution.	8



Suggested Specification table for Evaluation:

Distribution of Evaluation					
R Level	U Level	A Level	N Level	E Level	C Level
10%	20%	40%	5%	15%	10%

Legends: R: Remembrance, U: Understanding; A: Apply, N: Analyze, E: Evaluate C: Create and above Levels (Revised Bloom’s Taxonomy)

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the Final Evaluation may vary slightly from above table.

Reference Books:

Sr No	Title of book/article	Author(s)	Publisher and details like ISBN	Year of publication	Publication Edition
1	<i>The respective course faculty will determine and recommend reference materials according to the specific requirements of the course content.</i>				

Course Outcomes:

Sr. No.	CO statement	Marks % weightage
CO 1	Students will be able to demonstrate enhanced self-awareness and interpersonal sensitivity in academic and studio contexts, applying basic psychosocial principles to communicate and collaborate more effectively.	50%
CO 2	Students will be able to participate constructively in group and community situations by practicing respectful dialogue, shared responsibility, and supportive behaviours that foster emotionally safe and inclusive learning environments.	50%

List of Open learning website: NA

List of Open Source Software: NA

List of Exercises:

Sr. No.	Studio Exercises / Assignments for CCE
1	<i>The respective course faculty will determine the exercises/assignments based on the topics offered and will convey the same to the students.</i>



Important Note:

- For evaluation purposes the ERP will only contain the course code and course title. Mention will be made of the domain acquired after completion of the course in the semester end results issued by the Sarvajani University.

- Evaluation of Liberal Studies and Life Skills shall be **developmental and formative in nature**, aligned with the objectives of the component.

Assessment methods may include:

- Participation and engagement
- Reflective journals or submissions
- Group activities and exercises
- Demonstrated competencies or behaviours

Quantitative grading shall be used only where appropriate and approved. Emphasis shall be placed on meaningful feedback rather than comparative ranking.

- The academic judgement of the evaluator and coordinator shall be final and binding, subject only to verification of procedural compliance. However, the Institute reserves the right to rationalize/neutralize the marks/grades/evaluation in view of fair and relative institutional standards of evaluation through jury/viva/group discussion/performance or any other mode found appropriate/suggested by the concerned designated faculty member or subject expert or the designated panel appointed as examiner by the Institute.

- No standardised question paper shall be mandatory unless specifically prescribed.

- All decisions regarding Liberal Studies and Life skills will remain the prerogative of the institute and appropriate decision for the same will be taken after due discussion in the elective committee meetings / IDPT I & R meetings/ACC meetings.

- For further details refer Standard Operating Manual (SOM) for Special Academic Components prepared for programs of MS-IDPT

Year: B.ID I (Semester I)

MITRAJ SARVAJANIK INSTITUTE OF DESIGN, PLANNING & TECHNOLOGY						
Faculty	FADP&T		Programme	B.ID		
Year	I		Version	1.0		
Semester	1		Effective From	June 2025		
Course Code	BFGN14103		Course Name	Communication Skills		
Course Type	Ability Enhancement Course					
Teaching Scheme			Examination Scheme			
Credits	Lecture	Studio	Total	CCE	SEE	Total
2	2	-	2	13/25	13/25	50

CCE: Continuous and Comprehensive Evaluation including 20% of Attendance, 80 % of Sincerity in attending classes/class tests/ timely submissions of assignments/self-learning attitude/solving advanced problems/periodic assessment conducted by institute.

SEE: Sem End Evaluation: Theory Exam or Jury/viva on practical skills learned in course. in case theory exams the question paper of minimum 50 marks (2hrs) will be drawn for evaluation.

The minimum passing head is 50%, it is rounded to 13 marks to avoid "E & O" (Errors and Omissions) arising due to decimal value.

Prerequisite (if any): -N.A

List of Courses where this course will be prerequisite: - N.A.

Rationale: -Communication skills are extremely important for not only succeeding in life but also developing inter-personal relationships & networking. The subject also develops critical competencies such as verbal & written expression, active listening & inter-personal skills - Enabling students to advocate for their impactful creative work.

Content:

Sr. No.	Description	No. of Hours
Unit 1	Speaking Module <ul style="list-style-type: none"> • Significance of Communication skills • Communication Process - significant features involved • Personal Introduction • Retention and reproduction of texts • Debates, Public speaking & Questioning skills 	6
Unit 2	Reading Module <ul style="list-style-type: none"> • The art of effective reading • Overcome common reading obstacles • Reading for better Comprehension 	6
Unit 3	Listening <ul style="list-style-type: none"> • Types of listening & good listening practices • Summary of spoken texts • Writing from oral instructions 	6

Unit 4	Writing Module <ul style="list-style-type: none"> • Paragraph Writing – Re-order paragraphs and sequential ordering • Creative writing – letters, paragraphs and emails • Building arguments • Common grammatical mistakes, usage of grammar 	8
Unit 5	Non-verbal <ul style="list-style-type: none"> • Communicating through Pictorial representations, illustrations, spatial arrangements of words, interpreting gestures, body language. facial expressions • Interactive exercises 	6

Suggested Specification table for Evaluation:

Distribution of Evaluation					
R Level	U Level	A Level	N Level	E Level	C Level
10%	20%	25%	15%	-	30%

Legends: R: Remembrance, U: Understanding; A: Apply, N: Analyze, E: Evaluate C: Create and above Levels (Revised Bloom’s Taxonomy)

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the Final Evaluation may vary slightly from above table.

Reference Books:

Sr No	Title of book /article	Author(s)	Publisher and details like ISBN	Year of publication	Publication Edition
1	Communication Skills.	Kumar, Sanjay, LataPushp	Oxford University Press, New Delhi	January 1, 2015	Second Edition
2	The Communication Book: 44 Ideas for Better Conversations Every Day	Mikael Krogerus & Roman Tschäppeler	W.W. Norton & Company ISBN: 978-1324001980	March 24, 2020	Illustrated Edition
3	Effective Communication Skills	Kul Bhushan Kumar & R.S. Salaria	Khanna Publishers ISBN: 978-9382609940	2016	first edition

Course Outcomes:

Sr. No.	CO statement	Marks % weightage
CO-1	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)	25%

CO-2	Display competence in oral, written and visual communication	30%
CO-3	Identify and apply strategies for listening with attention	20%
CO-4	Demonstrate the ability to write fluently while making an optimum use of correct vocabulary and grammar	25%

List of Open learning website:

- <https://www.buildofy.com/>
- <https://www.architecturaldigest.com/> - For reading articles with vocabulary words.
- <https://www.archdaily.com/> - For reading different projects
- <https://www.theartnewspaper.com/keywords/books>
- <https://www.artrenewal.org/>

List of Open Source Software:

- Wordup - Vocabulary app
- Word of the day - App
- Grammarly- App to make professional sentences and messages

List of Exercises:

Sr. No.	Studio Exercises / Assignments for CCE
1	Introduction and narrate a description of a significant event of your life .
2	Introduction ,teaching and application of 100 Design Vocabulary words (learning and speaking)
3	Watch a given documentary (audio-visual) , read articles and answer the questions .
4	Make presentation in groups , create diagrams and present orally in classroom (Master Architects, Artists, Designers and their projects)

Year: B.ID I (Semester I)

MITRAJ SARVAJANIK INSTITUTE OF DESIGN, PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID	
Year	I			Version	1.0	
Semester	I			Effective From	June 2025	
Course Code	BFEL15101			Course Name	Professional Elective I A (Craft Skills I)	
Course Type	Skill Enhancement (Elective) Course					
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Total	CCE	SEE	Total
2	-	2	2	13/25	13/25	50

CCE: Continuous and Comprehensive Evaluation including 20% of Attendance, 80 % of Sincerity in attending classes/class tests/ timely submissions of assignments/self-learning attitude/solving advanced problems/periodic assessment conducted by institute.

SEE: Sem End Evaluation: Theory Exam or Jury/viva on practical skills learned in course. In case of theory exams the question paper of minimum 50 marks (2hrs) will be drawn for evaluation.

The minimum passing head is 50%, it is rounded to 13 marks to avoid "E & O" (Errors & Omissions) arising due to decimal value.

The Content of the course also includes relevant topics from Indian Knowledge System (IKS) and/ or Value Added Courses (VAC) as per the guidelines of NEP/UGC/KCG along with other recommended module for learning flexibility

Prerequisite (if any): As per semester progression rule of Sarvajani University /promotion eligibility.

List of Courses where this course will be prerequisite: - NA

Rationale: -

The Craft- Skill Domain lies in its ability to bridge the gap between abstract design theory and tactile material reality through a "thinking through making" philosophy. By engaging with diverse mediums—ranging from the structural precision of paper folding to the expressive rhythms of calligraphy and textile arts—students develop essential hand-eye coordination and material intelligence that digital tools cannot replicate. These electives foster a maker's mindset, encouraging learners to transform humble or recycled materials into sophisticated prototypes, textures, and forms. This hands-on experimentation cultivates the patience, craftsmanship, and iterative problem-solving skills necessary for professional practice. Ultimately, this domain provides a foundational spatial and visual vocabulary that directly enriches the creative process, ensuring that students in architecture, interior design, and visual arts can translate complex concepts into tangible, impactful realities.

For all electives offered under the domain *Professional Elective 1A (Craft Skills I)*, the above prescribed course code and course title shall remain common.



If the suggested elective course content overlaps with the core course of any bachelor programme, the expert/resource person shall design exercises or tasks that emphasize complementary and distinct aspects beyond those covered in the core course syllabus.

The topics under professional electives are subject to change depending on the availability of resource persons. However the domain for this elective will remain '*Craft Skills I*'.

Following is the list of tentative electives.

Professional Elective IA (Craft Skills I)

- Paper Mache
- Print Making
- Textile Dyeing & Printing
- Origami & Kirigami
- Calligraphy

Description of course

Paper Mache

This elective introduces students to paper mache as a versatile, low-cost craft medium for creating three-dimensional forms, reliefs, and surface textures. Learners explore basic techniques of pulp preparation, layering, casting, and finishing, along with safe use of tools, adhesives, and colours. Simple exercises move from small objects and masks to exploratory models related to space, structure, and narrative, encouraging experimentation with proportion, texture, and composition. The course emphasizes patience, hand–eye coordination, and material sensitivity, helping students understand how humble, recycled materials can be transformed into expressive forms relevant to model-making, prototyping, and visual storytelling in design and visual arts.

Print Making

This elective familiarizes students with introductory printmaking processes as a way to think through images, patterns, and repetition. Through hands-on practice in basic techniques such as mono-printing, stencil printing, and simple block or linocut printing (as per facilities), learners explore positive–negative relationships, layering, and registration. Assignments encourage the development of small series or sets of prints that investigate motif, rhythm, and variation, with attention to line, texture, and contrast. The course cultivates careful craftsmanship, iterative working, and an understanding of how a single plate or block can generate multiple outcomes, linking craft skills to poster design, surface graphics, and experimental visuals for architecture, interiors, and visual arts.

Textile Dyeing & Printing

This elective introduces the fundamentals of textile dyeing and printing as a tactile and visual craft practice. Students learn basic methods such as tie-and-dye, block or stencil printing, and simple resist techniques, while becoming aware of fabric types, dyes, and safe studio practices. Exercises focus on developing small swatches and coordinated sets that explore colour

combinations, repeat units, borders, and placement, encouraging sensitivity to scale and tactility. The course highlights how traditional and contemporary textile practices can inform pattern, surface design, and cultural narratives, helping learners connect craft processes with interior elements, soft furnishings, costume, and visual identity work.

Origami & Kirigami

This elective engages students with origami (paper folding) and kirigami (folding with cutting) as structured yet playful techniques for generating forms, patterns, and spatial ideas. Beginning with simple folds and modular units, learners progress to more complex constructions, exploring how two-dimensional sheets can be transformed into three-dimensional objects, reliefs, and deployable surfaces. Attention is given to precision, sequence, and structural behaviour of folded forms, allowing students to see how these techniques relate to concepts of tessellation, packaging, pop-ups, and even architectural or interior elements such as screens and light fixtures. The course nurtures patience, fine motor skills, and an analytical appreciation of geometry through hands-on making.

Calligraphy

This elective introduces calligraphy as the art of expressive handwriting and letterform design. Students experiment with different writing tools such as broad-nib pens, brushes, and improvised instruments, learning to control stroke, pressure, rhythm, and spacing. Through practice with basic scripts and variations, they develop sensitivity to proportion, contrast, and alignment, as well as the relationship between text and blank space. Assignments may include nameplates, short quotations, monograms, or logotype explorations, linking calligraphy to signage, identity design, and composition in design presentations. The course emphasizes steady practice, concentration, and respect for scripts and languages, while encouraging personal style and experimentation.

Content:

Sr. No.	Description	No. of Hours
Based on the topic offered the units will be detailed out by the concerned faculty considering following suggestive guidelines...		
Unit 1	Material & Tool Foundation	6
Unit 2	Basic Techniques & Syntax	10
Unit 3	Iterative Exploration	6
Unit 4	Design Application Project	10

Suggested Specification table for Evaluation:

Distribution of Evaluation					
R Level	U Level	A Level	N Level	E Level	C Level
5%	15%	25%	15%	10%	30%

Legends: R: Remembrance, U: Understanding, A: Apply, N: Analyze, E: Evaluate C: Create and above Levels (Revised Bloom’s Taxonomy)

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the final evaluation may vary slightly from the above table.

Reference Books:

Sr No	Title of book /article	Author(s)	Publisher and details like ISBN	Year of publication	Publication Edition
Note:	<i>The respective course faculty will determine and recommend reference materials according to the specific requirements of the course content.</i>				

Course Outcomes:

Sr. No.	CO statement	Marks % weightage
CO 1	Students will be able to demonstrate basic proficiency in selected craft techniques by safely handling tools and materials, and producing small-scale artefacts or samples that show control, precision, and care in making.	50%
CO 2	Students will be able to explore and apply craft processes to support design and visual thinking, using hands-on experimentation with form, pattern, texture, and composition to inform their work in architecture, interior design, and visual arts.	50%

Use the same CO 1 and CO 2 for all five electives; intensity levels can be adjusted if needed at programme level.

List of Exercises:

Sr. No.	Studio Exercises/Assignments for CCE
1	<i>Exercises/assignments may vary periodically as per availability of resource person / subject expert.</i>



Important Note:

- For evaluation purposes the ERP will only contain the course code and course title with domain. No specification or mention will be made of the specific skill/ ability/ competence acquired after completion of the elective in the semester end results issued by the Sarvajani University.
- Evaluation of Professional Electives shall be conducted by the designated faculty member or subject expert or the designated panel appointed as examiner by the Institute
- The evaluation framework may include, as appropriate:
 - Continuous assessment
 - Studio or workshop outputs
 - Reports, portfolios, or presentations
 - Applied projects or assignments
- The academic judgement of the evaluator and coordinator shall be final and binding, subject only to verification of procedural compliance. However, the Institute reserves the right to rationalize/neutralize the marks/grades/evaluation in view of fair and relative institutional standards of evaluation through jury/viva/group discussion/performance or any other mode found appropriate/suggested by the concerned designated faculty member or subject expert or the designated panel appointed as examiner by the Institute
- No standardised question paper shall be mandatory unless specifically prescribed.
- All decisions regarding electives, will remain the prerogative of the institute and appropriate decision for the same will be taken after due discussion in the elective committee meetings / IDPT I & R meetings/ACC meetings.
- For further details refer Standard Operating Manual (SOM) for Special Academic Components prepared for programs of MS-IDPT.

Year: B.ID I (Semester I)

MITRAJ SARVAJANIK INSTITUTE OF DESIGN, PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID	
Year	I			Version	1.0	
Semester	I			Effective From	June 2025	
Course Code	BFEL16102			Course Name	Transdisciplinary Open Elective 1 B(Indian Performing Arts)	
Course Type	Common Value Added (Elective) Course					
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Total	CCE	SEE	Total
2	-	2	2	13/25	13/25	50

CCE: Continuous and Comprehensive Evaluation including 20% of Attendance, 80 % of Sincerity in attending classes/class tests/ timely submissions of assignments/self-learning attitude/solving advanced problems/periodic assessment conducted by institute.

SEE: Sem End Evaluation: Theory Exam or Jury/viva on practical skills learned in course. In case of theory exams the question paper of minimum 50 marks (2hrs) will be drawn for evaluation.

The minimum passing head is 50%, it is rounded to 13 marks to avoid "E & O" (Errors & Omissions) arising due to decimal value.

The Content of the course also includes relevant topics from Indian Knowledge System (IKS) and/ or Value Added Courses (VAC) as per the guidelines of NEP/UGC/KCG along with other recommended module for learning flexibility

Prerequisite (if any): As per semester progression rule of Sarvajanic University /promotion eligibility.

List of Courses where this course will be prerequisite: - NA

Rationale: Transdisciplinary Open Elective 1B, titled *Indian Performing Arts*, is conceived as an experiential and integrative learning domain that introduces first-semester students to the rich spectrum of India's performative traditions. Rooted in the framework of the Indian Knowledge System (IKS), this elective positions performing arts not merely as cultural expressions, but as embodied forms of knowledge that engage space, time, rhythm, narrative, and sensory perception.

The domain encompasses four key verticals—Dance, Drama, Music (Instrumental), and Music (Vocal)—each offering a distinct yet interconnected lens to understand how artistic practices shape and communicate meaning. Through a blend of lectures, demonstrations, guided exercises, and reflective engagement, students are introduced to foundational concepts such as movement vocabulary, rhythm (tala), melody (raga), voice, gesture, staging, and improvisation. Emphasis is placed on experiential learning, observation, and participation rather than technical mastery.

A central objective of this elective is to build meaningful bridges between performing arts and design disciplines. Students explore how principles like harmony, proportion, rhythm, symmetry, narrative, and spatial organization manifest across art forms and can inform architectural thinking, interior environments, and visual compositions. For instance, dance introduces the idea of the body as a spatial instrument; drama highlights the role of narrative and atmosphere in

shaping user experience; while music deepens the understanding of rhythm, sequencing, and emotional resonance in design.

The course also fosters cultural sensitivity by exposing students to diverse regional traditions, philosophical underpinnings, and historical contexts of Indian performing arts. It encourages learners to appreciate intangible heritage and recognize its relevance in contemporary creative practices.

By engaging multiple senses—visual, auditory, and kinesthetic—the elective nurtures creativity, empathy, and interdisciplinary thinking. It supports the development of observational skills, aesthetic awareness, and expressive abilities, which are essential for holistic design education.

Overall, Transdisciplinary Open Elective IB serves as a foundational platform that enriches students' creative perspectives, enabling them to draw inspiration from India's artistic heritage while developing innovative approaches to spatial and visual design.

Following is the list of tentative electives.

Transdisciplinary Open Elective IB (Indian Performing Arts)

- Dance - IKS Context
- Drama
- Music (Instrumental) - IKS Context
- Music (Vocal) - IKS Context

Description of course

Dance - IKS Context

This elective introduces students to Indian dance traditions as expressions of embodied knowledge, cultural memory, and spatial practice within the broader domain of Indian performing arts. Students explore the historical evolution of classical and folk forms, basic body vocabulary, rhythm, and gesture, and how these reflect philosophical ideas, narratives, and regional identities. Through lectures, demonstrations, and simple movement exercises, they observe how posture, patterns, and group formations create meaning in space and time, with references to architecture, stage design, and visual representation. The course encourages reflection on how notions of harmony, symmetry, ornamentation, and storytelling in dance can inspire spatial, visual, and interior design thinking suitable for students in their first semester.

Drama

This elective introduces drama as a collaborative performing art that integrates narrative, space, body, and voice, forming a key strand within Indian performing arts. Students study basic concepts of plot, character, improvisation, and staging, while situating Indian dramatic traditions from classical texts to contemporary theatre practices. Through simple enactments, table readings, and short performances, they experience how space, movement, light, props, and

costume work together to construct meaning and atmosphere. The course sensitizes students to observation, empathy, and audience perception, building foundations that are valuable for architectural spatial experience, interior ambience creation, and visual storytelling

Music (Instrumental) - IKS Context

This elective introduces Indian instrumental music as a living knowledge system that weaves together sound, time, craft, and cultural practice within Indian performing arts. Students are exposed to basic ideas of raga, tala, and improvisation, as well as the making, materiality, and acoustics of selected instruments. Through listening sessions, demonstrations, and guided practice of simple rhythmic and melodic patterns, they learn to discern mood, tempo, and texture, and to relate soundscapes to spatial and visual experience. The course highlights how rhythm and pattern in music can inform composition, proportion, and sequencing in architecture, interiors, and visual arts, making it suitable for students.

Music (Vocal) - IKS Context

This elective introduces Indian vocal music as a primary medium of expression, devotion, and storytelling within Indian performing arts and indigenous knowledge systems. Students explore the basics of voice production, swaras, raga and tala, along with the cultural contexts of devotional, classical, and folk vocal traditions. Through structured listening, recitation, and simple singing exercises, they become aware of breath, rhythm, pitch, and emotion, and how lyrics and melody shape collective experience. The course encourages connections between vocal expression and design disciplines by relating mood, cadence, and narrative in music to ideas of sequence, atmosphere, and expression in architecture, interiors, and visual arts for first semester learners.

Content:

Sr. No.	Description	No. of Hours
Based on the topic offered the units will be detailed out by the concerned faculty considering following suggestive guidelines...		
Unit 1	Foundations of Performing Arts	8
Unit 2	Modes of Expression & Basic Practice	8
Unit 3	Structure, Space & Performance	8
Unit 4	Narrative & Cultural Integration	8

Suggested Specification table for Evaluation:

Distribution of Evaluation					
R Level	U Level	A Level	N Level	E Level	C Level
10%	25%	25%	15%	10%	15%



Legends: R: Remembrance, U: Understanding, A: Apply, N: Analyze, E: Evaluate C: Create and above Levels (Revised Bloom's Taxonomy)

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the final evaluation may vary slightly from the above table as per the elective opted by the student.

Reference Books:

Sr No	Title of book /article	Author(s)	Publisher and details like ISBN	Year of publication	Publication Edition
1.	<i>Note: The respective course faculty/instructor/expert will determine and recommend reference materials according to the specific requirements of the course content.</i>				

Course Outcomes:

Sr. No.	CO statement	Marks % weightage
CO 1	Students will be able to interpret selected forms of Indian performing arts as expressions of cultural, spatial, and aesthetic knowledge, and relate them to foundational concepts in architecture, interior design, and visual arts.	50%
CO 2	Students will be able to apply basic principles of rhythm, composition, and embodied experience derived from Indian performing arts to simple creative exercises relevant to their design and art disciplines.	50%

Use the same CO 1 and CO 2 for all five electives; intensity levels can be adjusted if needed at programme level.

List of Exercises:

Sr. No.	Studio Exercises/Assignments for CCE
1.	<i>Note: The exercises of transdisciplinary electives may be subject to periodic revision based on the availability of elective options, institutional priorities, and the academic or professional expertise of the faculty offering the course.</i>



Important Note:

- For evaluation purposes the ERP will only contain the course code and course title along with domain. No specification or mention will be made of the specific skill/ ability/ competence acquired after completion of the elective in the semester end results issued by the Sarvajani University.
- Evaluation of Transdisciplinary Open Electives shall be conducted by the designated faculty member or subject expert or the designated panel appointed as examiner by the Institute.
- Evaluation may include reflective assignments, participation, projects, presentations, or other suitable assessment tools aligned with learning objectives.
- The academic judgement of the evaluator and coordinator shall be final and binding, subject only to verification of procedural compliance. However, the Institute reserves the right to rationalize/neutralize the marks/grades/evaluation in view of fair and relative institutional standards of evaluation through jury/viva/group discussion/performance or any other mode found appropriate/suggested by the concerned designated faculty member or subject expert or the designated panel appointed as examiner by the Institute.
- No standardised question paper shall be mandatory unless specifically prescribed.
- All decisions regarding electives will remain the prerogative of the institute and appropriate decision for the same will be taken after due discussion in the elective committee meetings / IDPT I & R meetings/ACC meetings
- For further details refer Standard Operating Manual (SOM) for Special Academic Components prepared for programs of MS-IDPT.

Year: B.ID I (Semester II)

MITRAJ SARVAJANIK INSTITUTE OF DESIGN, PLANNING & TECHNOLOGY						
Faculty	FADP&T		Programme	B.ID		
Year	I		Version	1.0		
Semester	II		Effective From	June 2025		
Course Code	BFDE11201		Course Name	Foundation Studio-II		
Course Type	Major					
Teaching Scheme			Examination Scheme			
Credits	Lecture	Studio	Total	CCE	SEE	Total
6	-	6	6	38/75	38/75	150

CCE: Continuous and Comprehensive Evaluation including 20% of Attendance. 80 % of Sincerity in attending classes/class tests/ timely submissions of assignments/self-learning attitude/solving advanced problems/periodic assessment conducted by institute.

SEE: Sem End Evaluation: Theory Exam or Jury/viva on practical skills learned in course, In case theory exams the question paper of minimum 50 marks (2hrs) will be drawn for evaluation.

The minimum passing head is 50%. it is rounded to 38 marks to avoid "E & O" (Errors and Omissions) arising due to decimal value.

Prerequisite (if any): - N.A.

List of Courses where this course will be prerequisite: - N.A.

Rationale: This course introduces foundational concepts in art and design through hands-on exploration of form, space, proportion, and visual communication. Students develop core skills in three-dimensional modeling, ergonomic analysis, and graphic expression while drawing inspiration from nature and the human body. Emphasizing process, creativity, and critical observation, the course equips students with a visual language essential for further study in architecture, interior design, and visual arts.

Content:

Sr. No.	Description	No. of Hours
Unit 1	Advanced Art & Design Principles – Form Analysis This unit focuses on the analytical exploration of complex three-dimensional forms through advanced art and design principles. Theoretical inputs will introduce students to spatial organisation, structure, and volume in both geometric and organic systems. Through hands-on exercises, students will investigate the concepts of intersection, layering, and overlapping to gain a deeper understanding of formal relationships. They will be able to construct 3D tectonic models and 2D graphic representations to scale, enhancing their ability to interpret and communicate spatial ideas with precision.	12
Unit 2	Introduction to Anthropometry and Anatomy This unit introduces the study and documentation of human body dimensions in various static and dynamic postures, emphasising their relevance in spatial design. Students will examine the relationship between the body and its environment, developing critical insights into ergonomic considerations and proportional systems. Through observation and measurement, students will analyze how human scale informs the design of functional and responsive spaces.	18

Unit 3	Aesthetics and Graphics Students will explore the transformation of natural forms into graphical compositions by studying the visual language and principles inherent in nature. This unit focuses on abstraction and interpretation of organic elements, leading to the creation of logos and graphic designs inspired by spatial themes. A minimalistic design approach will be emphasized to help students grasp the essence of visual aesthetics, composition, and clarity in communication	24
Unit 5	Approach To Visual expressions This unit fosters the development of a personal and coherent visual language through a process-oriented approach to design. Students will engage in iterative experimentation, self-reflection, and contextual exploration, encouraging the continuous evolution of their creative ideas. Emphasis will be placed on organizing visual elements across formats—ranging from two-dimensional layouts to three-dimensional volumes. The unit encourages critical observation and visual storytelling, preparing students for advanced interdisciplinary design practices.	42

Suggested Specification table for Evaluation:

Distribution of Evaluation					
R Level	U Level	A Level	N Level	E Level	C Level
10%	10%	20%	30%	-	30%

Legends: R: Remembrance, U: Understanding, A: Apply, N: Analyze, E: Evaluate C: Create and above Levels (Revised Bloom's Taxonomy)

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the final evaluation may vary slightly from the above table.

Reference Books:

Sr. No.	Title of Book / Article	Author(s)	Publisher and Details / ISBN	Year of Publication	Edition
1	Perspective Drawing Handbook	Joseph D'Amelio	Dover Publications, ISBN: 9780486432083	2004	Revised Edition
2	Principles of Form and Design	Wucius Wong	John Wiley & Sons, New York, ISBN: 9780471285527	1993	1st Edition
3	Principles of Two-Dimensional Design	Wucius Wong	Wiley, ISBN: 9780471285053	1972	1st Edition
4	Materials and Methods of Sculpture (Dover Art Instruction)	Jack C. Rich	Dover Publications, ISBN: 9780486257426	1988	Revised Edition
5	Sculpting the Figure in Clay	Peter Rubino	Watson-Guptill, ISBN: 9780823041028	2010	1st Edition



6	Sculpture of To-day	Kineton Parkes	T. C. & E. C. Jack, London	1922	1st Edition
7	Architecture: Form, Space and Order	Francis D. K. Ching	John Wiley & Sons, ISBN: 9781118745083	2012	3rd Edition
8	Elements of Space Making	Yatin Pandya	Mapin Publishing, Ahmedabad, ISBN: 9781890206916	2007	1st Edition
9	The Theory of Architecture—Concepts & Themes	Paul-Alan Johnson	Van Nostrand Reinhold, ISBN: 9780442003498	1994	3rd Edition
10	Elements of Architecture – From Form to Place	Peter von Meiss	Routledge, New York, ISBN: 9780419224307	1998	1st Edition
11	The Language of Architecture	N. J. Prak	Mouton & Co., Hague. ISBN: 9789027944382	1968	1st Edition
12	Understanding Architecture: Its Experience, History and Meaning	Leland M. Roth	Westview Press, Philadelphia, ISBN: 9780813349039	2013	3rd Edition
13	The Dynamics of Architectural Form	Rudolf Arnheim	University of California Press, ISBN: 9780520038219	1977	2nd Edition
14	Analysing Architecture	Simon Unwin	Routledge, London, ISBN: 9780415325350	2003	2nd Edition

Course Outcomes:

Sr. No.	CO statement	Marks % weightage
CO-1	Develop analytical skills to interpret and deconstruct complex three-dimensional forms using principles of art and design.	12%
CO-2	Apply anthropometric and ergonomic principles to spatial design with sensitivity to human scale and proportion.	18%
CO-3	Transform observed natural forms into graphic expressions by utilizing design principles to create visual compositions and logo-based identities.	30%
CO-4	Construct 3D models and 2D visual representations to communicate form, structure, and spatial relationships effectively. Demonstrate a conceptual and iterative design process through visual expression, refinement, and critical feedback.	35%
CO-5	Integrate elements of aesthetics, graphics, and storytelling across multiple visual formats for creative communication in art, architecture, and design.	5%

List of Open learning website: N.A.



List of Open Source Software: N.A.

List of Exercises:

Sr. No.	Studio Exercises/Assignments for CCE
1	Select a natural object and study its formal, structural, and rhythmic characteristics. Abstract these elements using line, form, proportion, and symmetry to create a visual composition. The final outcome may include logo designs, surface graphics, or visual motifs that convey organic order in a minimalistic and expressive form. Explore various materials—such as paper, fabric, cardboard, clay, or found objects—and study their tactile and structural qualities. Through material sampling, joining, and layering techniques, students will create tactile panels or modular compositions that demonstrate contrast, continuity, and textural relationships in design.
2	Measure and sketch human figures in various postures (sitting, reaching, bending, etc.). Collect anthropometric data and analyze the body's relationship with furniture and interior space. Through scaled drawings and proportional studies, students will understand the relevance of ergonomics and human scale in functional and spatial design.
3	Create detailed drawings and scaled models of complex geometric and organic forms, focusing on principles of intersection, layering, and overlapping. Emphasis is placed on understanding spatial structure, form articulation, and volume. Construct a 3D tectonic model using materials such as cardboard, clay, or wire to explore material behavior and spatial logic. Experiment with transforming 2D surfaces into 3D forms through folding, cutting, scoring, and joining techniques. This exercise develops a hands-on understanding of surface behavior, spatial rhythm, and structural continuity, laying the groundwork for model-making and material exploration in design contexts.
4	Design expressive letterforms or typographic compositions that reflect a chosen theme, object, or emotion. Students will explore the aesthetic and communicative power of typography in design and branding. Outputs may include nameplates, typographic logos, or spatial signage using manual or digital techniques.

Year: B.ID I (Semester II)

MITRAJ SARVAJANIK INSTITUTE OF DESIGN, PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID	
Year	I			Version	4.0	
Semester	II			Effective From	June 2025	
Course Code	BIID41201			Course Name	Building Materials, Systems and Environmental Studies	
Course Type	Major					
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Total	CCE	SEE	Total
4	4	-	4	25/50	25/50	100

CCE: Continuous and Comprehensive Evaluation including 20% of Attendance, 80 % of Sincerity in attending classes/class tests/ timely submissions of assignments/self-learning attitude/solving advanced problems/periodic assessment conducted by institute.

SEE: Sem End Evaluation: Theory Exam or Jury/viva on practical skills learned in course. In case theory exams the question paper of minimum 50 marks (2hrs) will be drawn for evaluation.

Prerequisite (if any): - N.A.

List of Courses where this course will be prerequisite: - N.A.

Rationale:

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 wall masonry and wood frame construction techniques. 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.

Content:

Sr. No.	Description	No. of Hours
Unit 1	<p>Brick and Brick Construction</p> <ul style="list-style-type: none"> Brick as a building material: Types of bricks based on constituent materials and its manufacturing process, physical and chemical properties of different types of bricks Brick Masonry Construction: Sizes of bricks, Types of bricks, bats and closers etc., classification and terminologies, standard bond construction (English & Flemish), significance of mortars, stopped ends, quoins, piers, Junctions, jambs for various thicknesses, cavity walls, brick piers, brick paving methods and techniques of masonry construction Finishing details: Jointing, pointing, plastering Exposed brick work: challenges 	16

Unit 2	Construction with Stone <ul style="list-style-type: none"> • Stone Masonry Construction: Types of stone masonry like Random Rubble, Coursed Rubble, Ashlar, etc., significance of mortars, stone piers, stone paving. • Finishing details: stone as a cladding material, jointing, pointing • Exposed stone work: challenges 	12
Unit 3	Wood Construction <ol style="list-style-type: none"> 1) Understanding of various components of wooden construction for all building elements like floors, pitched roofs, partitions, opening, staircases, column & beam 2) Detail: Wooden joinery. 	12
Unit 4	Environment & Habitat <ul style="list-style-type: none"> • Effect of climate on habitat, shelter and environment. Introduction to concept of climate, weather & season, elements of climate, study of climatic zones and their effect on building design, understanding Macroclimate and Microclimate • Climate responsive building design: building orientation with respect to site, sun path and wind movement, role of materials and construction systems, importance of horizontal and vertical shading devices and their directions, built form evolution with respect to climatic considerations, effect of landscape elements for creating microclimate. 	12
Unit 5	Basics of Structure <ul style="list-style-type: none"> • 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, ferro cement etc. in deriving above systems. Understanding layers of various structural systems and its relationship with interior space formation. 	12

Suggested Specification table for Evaluation:

Distribution of Evaluation					
R Level	U Level	A Level	N Level	E Level	C Level
30%	30%	20%	5%	5%	10%

Legends: R: Remembrance, U: Understanding; A: Apply, N: Analyze, E: Evaluate C: Create and above Levels (Revised Bloom's Taxonomy)

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the Final Evaluation may vary slightly from above table.

Reference Books:

Sr. No.	Title of Book / Article	Author(s)	Publisher Details & ISBN	Year of Publication	Publication Edition
1	Building Construction Illustrated	Frank (Francis D.K.) Ching	John Wiley & Sons, Inc., Hoboken, New Jersey. ISBN: 9781118458341	2014	5th Edition
2	Building Structures Illustrated: Patterns, Systems, and Design	Frank (Francis D.K.) Ching, Barry S. Onouye, Douglas Zuberbuhler	John Wiley & Sons, Inc., Hoboken, New Jersey. ISBN: 9780470187857	2009	1st Edition
3	Building Construction, Volume 1 to 5	R. Barry	Blackwell Science Ltd., Oxford. ISBN: Varies by volume (e.g., 0632040341 for Volume 1)	1999	Multiple Editions
4	Mitchell's Elementary Building Construction	R. Moxley	B. T. Batsford Ltd., London. ISBN: Not available	1961	Not specified
5	Building Construction	Sushil Kumar	Standard Publishers, Delhi. ISBN: 9788180141191 (approx.)	2003	Not specified
6	Civil Engineering Construction Materials	S.K. Sharma	Khanna Publishing, New Delhi. ISBN: 9788174092314 (approx.)	Not specified	Not specified
7	Manual of Tropical Housing and Building – Part I – Climatic Design	Otto H. Koenigsberger	Universities Press, India. ISBN: 9788173713372	1975	Not specified

Course Outcomes:

Sr. No.	CO statement	Marks % weightage
CO-1	Understand different types of bricks, stones and wood, their physical and structural properties and application as a construction material.	35%
CO-2	Learn about techniques of dealing with brick, stone and wood for various purposes including joinery and finishing details.	35%

CO-3	Understand various parameters of designing climate responsive buildings and its relationship with interior space planning and design.	15%
CO-4	To understand various structural systems along with the form, material, detailing and behaviour through case studies.	15%

List of Open learning websites: N.A.

List of Open Source Software: N.A.

List of Exercises:

Sr. No.	Studio Exercises / Assignments for CCE
1	Prepare different types of brick closures and brick bond models/sheets .
2	Prepare different types of stone masonry models/sheets
3	Draw labeled/Model of different parts of a wooden floor, roof, staircase, column-beam system, partition and wooden joinery details.
4	Case study/book review - documentation of building and its architecture (vernacular or contemporary) per climatic zone. including sketches, climate data, building section, and analysis of form and envelope response.
5	Case Study of various structural systems and application of the same for small design exercises with detailing.

Year: B.ID I (Semester II)

MITRAJ SARVAJANIK INSTITUTE OF DESIGN, PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID	
Year	I			Version	4.0	
Semester	II			Effective From	June 2025	
Course Code	BIID42202			Course Name	Graphics & Visual Representation-II	
Course Type	Minor					
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Total	CCE	SEE	Total
4	-	4	4	25/50	25/50	100

CCE: Continuous and Comprehensive Evaluation including 20% of Attendance, 80 % of Sincerity in attending classes/class tests/ timely submissions of assignments/self-learning attitude/solving advanced problems/periodic assessment conducted by institute.

SEE: Sem End Evaluation: Theory Exam or Jury/viva on practical skills learned in course. In case theory exams the question paper of minimum 50 marks (2hrs) will be drawn for evaluation.

Prerequisite (if any): - N.A.

List of Courses where this course will be prerequisite: - N.A.

Rationale: The course focuses on “**Volumetric Understanding, Rendering and Diagrams**” which enables students to represent ideas in the 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.

Content:

Sr. No.	Description	No. of Hours
Unit 1	Technical Drawing Set - Drafting plans, sections, elevations. (Manual)	8
Unit 2	Understanding Concepts of perspective	8
Unit 3	Adobe Illustrator <ul style="list-style-type: none"> • Introduction to Adobe Illustrator tools and its application • Explore rendering, diagram making and sheet/panel composition 	16
Unit 4	Manual Rendering: <ul style="list-style-type: none"> • Exploring various mediums of rendering and its Techniques. (Inking, Colours, Stippling, Hatching, Scribbling etc.) 	16
Unit 5	Google Sketch Up <ul style="list-style-type: none"> • Introduction to Google Sketchup tools and its application • Explore 3D modelling with shadow patterns. 	16



Suggested Specification table for Evaluation:

Distribution of Evaluation					
R Level	U Level	A Level	N Level	E Level	C Level
5%	20%	20%	20%	-	35%

Legends: R: Remembrance, U: Understanding; A: Apply, N: Analyze, E: Evaluate C: Create and above Levels (Revised Bloom’s Taxonomy)

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the Final Evaluation may vary slightly from above table.

Reference Books:

Sr No	Title of Book / Article	Author(s)	Publisher and Details	ISBN	Year of Publication	Publication Edition
1	Rendering in Pen and Ink	Arthur L. Guphill	Watson-Guphill Publications	9780823045293	2011	Revised Edition
2	Adobe Illustrator Classroom in a Book	Adobe	Adobe Press / Pearson Education	9780321492027	2007	1st Edition
3	Form, Space and Order	Francis D. K. Ching	John Wiley & Sons	9781118745083	2014	4th Edition
4	Architectural Graphic Standards	Dennis J. Hall, Nina M. Giglio	John Wiley & Sons	9781119035664	2015	12th Edition

Course Outcomes:

Sr. No.	CO statement	Marks % weightage
CO-1	<p>Manual Skills:</p> <ul style="list-style-type: none"> • Draw technically correct Plans, Sections, Elevations with understanding of scale and proportion. • Understand concept of perspective in design & architecture • Understand, explore and apply various rendering techniques for drawings and sheet compositions. 	50%
CO-2	<p>Computer Skills:</p> <ul style="list-style-type: none"> • 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. 	50%

List of Open learning websites: N.A.

List of Open Source Software: N.A.

Modified and approved in April 2026, applicable to all the batches admitted from AY 2025 onwards



List of Exercises:

Sr. No.	Studio Exercises / Assignments for CCE
1	Exercises related to various point perspectives.
2	Drafting of plan section elevation of a small unit and rendering of the prepared drawing set
3	3D modelling and rendering
4	Panel composition.



Year: B.ID I (Semester II)

MITRAJ SARVAJANIK INSTITUTE OF DESIGN, PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID	
Year	I			Version	1.0	
Semester	II			Effective From	June 2025	
Course Code	BFGN12201			Course Name	Society & Culture II	
Course Type	Minor					
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Total	CCE	SEE	Total
2	2	-	2	13/25	13/25	50

CCE: Continuous and Comprehensive Evaluation including 20% of Attendance, 80 % of Sincerity in attending classes/class tests/ timely submissions of assignments/self-learning attitude/solving advanced problems/periodic assessment conducted by institute.

SEE: Sem End Evaluation: Theory Exam or Jury/viva on practical skills learned in course. In case theory exams the question paper of minimum 50 marks (2hrs) will be drawn for evaluation.

The minimum passing head is 50%, it is rounded to 13 marks to avoid "E & O" (Errors and omissions) arising due to decimal value.

Prerequisite (if any): -N.A.

List of Courses where this course will be prerequisite: - N.A.

Rationale: - Studying the *Society and Culture* course lays a foundational understanding of the values, beliefs, social systems, political ideologies, technological advancements, and artistic expressions of past societies. Since all design is not created in isolation but is a response to the cultural, religious, economic, and political context of its time, understanding the broader civilizational framework helps students interpret design and architectural developments more meaningfully.

Content:

Sr. No.	Description	No. of Hours
Unit 1	Early Christian art, Rise and Fall of Byzantine empire. Coming of Islam and its political consequences, Contribution of Islamic caliphates to knowledge systems	6
Unit 2	The Gupta period, the Sultanate and Mughal period in India	6
Unit 3	Age of Conflicts – Medieval period in Europe, Renaissance in Europe	4
Unit 4	The Period of Enlightenment and progress of Scientific Thought, Age of Revolutions	6
Unit 5	Age of Industry, Social Reforms and Social Thinkers, Colonialism and Imperialism, resultant upheavals in society.	4
Unit 6	The 20th century World Wars, Movements- Feminism, Environmental, Modern and Post- modern Thought	6

Suggested Specification table for Evaluation:

Distribution of Evaluation					
R Level	U Level	A Level	N Level	E Level	C Level
10%	20%	20%	15%	15%	20%

Legends: R: Remembrance, U: Understanding; A: Apply, N: Analyze, E: Evaluate C: Create and above Levels (Revised Bloom's Taxonomy)

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the Final Evaluation may vary slightly from above table.

Reference Books:

Sr No	Title of book /article	Author(s)	Publisher and details like ISBN	Year of publication	Publication Edition
1	Complete History of the World.	Overy, Richard.	Harper Collins Publishers, London	2009	1 st edition
2	The Penguin History of the World	Roberts. J. M, Westad Odd Arne	Penguin Books Ltd.	2014	6 th edition
3	The Silk Roads: A New History of the World	Frankopan, Peter,	Bloomsbury Paperbacks	2016	1 st edition
4	The Swerve: How the World Became Modern	Greenblatt, Stephen	W. W. Norton & Company	2012	1 st edition
5	Guns, Germs, and Steel: The Fates of Human Societies.	Diamond, Jared	Vintage	1998	1 st edition
6	The Pursuit of Power: Europe 1815-1914,	Evans, Richard	Penguin Books Ltd	2016	1 st edition
7	The Age of Extremes: A History of the World, 1914-1991	Hobsbawm , Eric	Abacus Publishing House	1995	1 st edition

Course Outcomes:

Sr. No.	CO statement	Marks % weightage
CO-1	Analyse historical processes that shape individuals, societies and communities from 1st to 20th century CE	30%
CO-2	To describe the 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.	30%



CO-3	To place events, built forms, important persons and historical developments in the space-time continuum.	20%
CO-4	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	20%

List of Open learning website: N.A.

List of Open Source Software: N.A.

List of Exercises:

Sr. No.	Studio Exercises /Suggestive Assignments for CCE
1	Create a collage using any medium on a given topic
2	Create a design using tessellation from any culture studied
3	Prepare a newspaper based on any assigned date from the past
4	Prepare a diorama or streetscape from a city in a particular assigned period
5.	Prepare a powerpoint presentation on the assigned topic.

Year: B.ID I (Semester II)

MITRAJ SARVAJANIK INSTITUTE OF DESIGN, PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID	
Year	I			Version	1.0	
Semester	II			Effective From	June 2025	
Course Code	BFGN13202			Course Name	Liberal Studies & Life Skills II (Psychosocial Skills II)	
Course Type	Multidisciplinary /Interdisciplinary					
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Total	CCE	SEE	Total
2	2	-	2	13/25	13/25	50

CCE: Continuous and Comprehensive Evaluation including 20% of Attendance, 80 % of Sincerity in attending classes/class tests/ timely submissions of assignments/self-learning attitude/solving advanced problems/periodic assessment conducted by institute.

SEE: Sem End Evaluation: Theory Exam or Jury/viva on practical skills learned in course. In case of theory exams the question paper of minimum 50 marks (2hrs) will be drawn for evaluation.

The minimum passing head is 50%, it is rounded to 13 marks to avoid "E & O" (Errors & Omissions) arising due to decimal value.

The Content of the course also includes relevant topics from Indian Knowledge System (IKS) and/ or Value Added Courses (VAC) as per the guidelines of NEP/UGC/KCG along with other recommended module for learning flexibility.

Prerequisite (if any): As per semester progression rule of Sarvajani University /promotion eligibility.

List of Courses where this course will be prerequisite: - NA

Rationale: -This course focuses to build empathy, social awareness, and respect for manual work as well as students explore community dynamics, inequality, and human behavior. Emphasis on professional ethics and collaborative engagement prepares them to approach real-world challenges with responsibility, inclusivity, and integrity.

The topics under Liberal Studies & Life Skills IV are subject to change under the availability of resource persons. However the domain for this course will remain 'Cognitive Skill'.

Following is the list of tentative modules.

Liberal Studies & Life Skills II (Psychosocial II)

- Psychology
- Social & Cultural Etiquette

Additional potential topics can be offered time to time

Description of course

Psychology

This Liberal Studies & Life Skills module introduces basic concepts of psychology to help students understand human behaviour, emotions, motivation, and perception in everyday and design-related contexts. It familiarizes learners with key ideas such as personality, learning, memory, stress, and group behaviour, with simple examples drawn from, peer interactions, and user experiences of spaces and visuals. Through short activities, case discussions, and reflective exercises, students explore how thoughts and feelings influence decision-making, creativity, collaboration, and well-being. The course aims to build self-awareness and empathy so that students can relate more thoughtfully to themselves, their peers, and the communities they will engage with as emerging design professionals.

Social & Cultural Etiquette

This Liberal Studies & Life Skills module focuses on social and cultural etiquette as an important psychosocial competence for functioning in diverse academic, professional, and community settings. Students are introduced to norms of respectful behaviour, verbal and non-verbal communication, digital etiquette, and inclusive practices across different social and cultural contexts. Through role plays, scenario-based discussions, and simple protocol exercises (meetings, studio reviews, emails, visits, and public events), they learn how to present themselves appropriately, manage first impressions, and navigate differences in background and hierarchy with sensitivity. The course encourages students to recognize and challenge stereotypes, practice regard for diversity, and cultivate responsible conduct as future professionals representing their disciplines and institutions.

Content:

Sr. No.	Description	No. of Hours
Based on the topic offered the units will be detailed out by the concerned faculty considering following suggestive guidelines...		
Unit 1	The Self: Perception & Personality Introduction to how we see the world and ourselves. Exploring personality traits, motivation, and how emotions influence creativity and decision-making in the studio.	8
Unit 2	Cognition: Learning & Stress Management Understanding how we learn, the role of memory in design, and practical psychosocial tools for managing academic stress and maintaining well-being.	8
Unit 3	Social Norms & Professional Etiquette Focus on first impressions, verbal/non-verbal cues, and formal protocols for meetings, emails, and studio reviews. Mastering digital and physical presence.	8

Unit 4	Cultural Sensitivity & Inclusive Practice Navigating diversity, hierarchy, and community interactions. Challenging stereotypes and practicing empathy to work respectfully in global and local contexts.	8
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Suggested Specification table for Evaluation:

Distribution of Evaluation					
R Level	U Level	A Level	N Level	E Level	C Level
10%	20%	40%	5%	15%	10%

Legends: R: Remembrance, U: Understanding; A: Apply, N: Analyze, E: Evaluate C: Create and above Levels (Revised Bloom's Taxonomy)

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the Final Evaluation may vary slightly from above table.

Reference Books:

Sr No	Title of book/article	Author(s)	Publisher and details like ISBN	Year of publication	Publication Edition
1	<i>The respective course faculty will determine and recommend reference materials according to the specific requirements of the course content.</i>				

Course Outcomes:

Sr. No.	CO statement	Marks % weightage
CO 1	Students will be able to explain basic psychosocial concepts related to self, others, and groups, and apply this understanding to interpret everyday academic, studio, and community interactions more thoughtfully.	50%
CO 2	Students will be able to demonstrate respectful, culturally sensitive, and responsible behaviour in face-to-face and digital settings, contributing to inclusive and emotionally safe learning and working environments.	50%

List of Open learning website: NA

List of Open Source Software: NA

List of Exercises:

Sr. No.	Studio Exercises / Assignments for CCE
1	<i>The respective course faculty will determine the exercises/assignments based on the topics offered and will convey the same to the students.</i>

Important Note:

- For evaluation purposes the ERP will only contain the course code and course title. Mention will be made of the domain acquired after completion of the course in the semester end results issued by the Sarvajani University.

- Evaluation of Liberal Studies and Life Skills shall be developmental and formative in nature, aligned with the objectives of the component.

Assessment methods may include:

- Participation and engagement
- Reflective journals or submissions
- Group activities and exercises
- Demonstrated competencies or behaviours

Quantitative grading shall be used only where appropriate and approved. Emphasis shall be placed on meaningful feedback rather than comparative ranking.

- The academic judgement of the evaluator and coordinator shall be final and binding, subject only to verification of procedural compliance. However, the Institute reserves the right to rationalize/neutralize the marks/grades/evaluation in view of fair and relative institutional standards of evaluation through jury/viva/group discussion/performance or any other mode found appropriate/suggested by the concerned designated faculty member or subject expert or the designated panel appointed as examiner by the Institute.

- No standardised question paper shall be mandatory unless specifically prescribed.

- All decisions regarding Liberal Studies and Life skills will remain the prerogative of the institute and appropriate decision for the same will be taken after due discussion in the elective committee meetings / IDPT I & R meetings/ACC meetings.

- For further details refer Standard Operating Manual (SOM) for Special Academic Components prepared for programs of MS-IDPT

Year: B.ID I (Semester II)

MITRAJ SARVAJANIK INSTITUTE OF DESIGN, PLANNING & TECHNOLOGY						
Faculty	FADP&T		Programme	B.ID		
Year	I		Version	1.0		
Semester	II		Effective From	June 2025		
Course Code	BFGN14203		Course Name	Communication Skills & Personality Development		
Course Type	Ability Enhancement Courses					
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Total	CCE	SEE	Total
2	2	-	2	13/25	13/25	50

CCE: Continuous and Comprehensive Evaluation including 20% of Attendance, 80 % of Sincerity in attending classes/class tests/ timely submissions of assignments/self-learning attitude/solving advanced problems/periodic assessment conducted by institute.

SEE: Sem End Evaluation: Theory Exam or Jury/viva on practical skills learned in course. In case theory exams the question paper of minimum 50 marks (2hrs) will be drawn for evaluation.

The minimum passing head is 50%. it is rounded to 13 marks to avoid "E & O" (Errors and omissions) arising due to decimal value.

Prerequisite (if any): -N.A.

List of Courses where this course will be prerequisite: - N.A.

Rationale: - Learning communication skills helps individuals express ideas clearly, listen actively, and build strong relationships. It enhances teamwork, reduces misunderstandings, and increases confidence in public speaking and interpersonal interactions.

Content:

Sr. No.	Description	No. of Hours
Unit 1	Self-Exploration & Interpersonal Relationships <ul style="list-style-type: none"> Confidence Building & Credibility Assertiveness and Self Confidence Training- Master techniques to overcome nervousness and speak with confidence Emotional Intelligence (EQ) -Articulate emotions using the right language 	12
Unit 2	Group Dynamics & Team Building <ul style="list-style-type: none"> Types of listening & good listening practices - Summarize Spoken Text / Dictation Conversations, Dialogues, and Debates Group Discussions - Leading & Motivating Relate emotional intelligence to the workplace. Use the concepts and techniques in the workplace 	10
Unit 3	Communication Skills <ul style="list-style-type: none"> Active Listening Training Inter Cultural Communication & Public Speaking - The art of persuasion, situational dialogues & role play. 	10

	<ul style="list-style-type: none"> • Effective use of tone & method for speaking on the spot • Creative Writing - Technical proposals, business writings, reports, resumes etc. 	
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Suggested Specification table for Evaluation:

Distribution of Evaluation					
R Level	U Level	A Level	N Level	E Level	C Level
5%	10%	20%	20%	20%	25%

Legends: R: Remembrance, U: Understanding; A: Apply, N: Analyze, E: Evaluate C: Create and above Levels (Revised Bloom's Taxonomy)

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the Final Evaluation may vary slightly from above table.

Reference Books:

Sr No	Title of book /article	Author(s)	Publisher and details like ISBN	Year of publication	Publication Edition
1	Communication Skills.	Kumar. Sanjay. LataPushp	Oxford University Press, New Delhi	January 1, 2015	Second Edition
2	The Communication Book: 44 Ideas for Better Conversations Every Day	Mikael Krogerus & Roman Tschäppeler	W.W. Norton & Company ISBN: 978-1324001980	March 24, 2020	Illustrated Edition
3	Effective Communication Skills	Kul Bhushan Kumar & R.S. Salaria	Khanna Publishers ISBN: 978-9382609940	2016	first edition

Course Outcomes:

Sr. No.	CO statement	Marks % weightage
CO-1	Distinguish among various levels of organisational communication and communication barriers while developing an understanding of the communication process.	30%
CO-2	Stimulate critical thinking by developing lucid writing skills and build positive self - esteem	20%
CO-3	Demonstrate improved interpersonal skills by identifying and developing a repertoire of strategies for improved communication effectiveness and demonstrate strategies in oral and written contexts.	30%
CO-4	Demonstrate positive group communication exchanges and apply appropriate communication skills across settings, purposes, and audiences, also inculcate qualities of a good team member as well as function as a team leader	20%



List of Open learning website:

- www.buildofy
- www.archdaily.com

List of Open Source Software: (only suggestive)

- Grammarly for script writing
- VN app for video editing

List of Exercises:

Sr. No.	Studio Exercises / Assignments for CCE
1	Debate on contemporary issues
2	Voiceover narration video exercise
3	Peer to Peer interview
4	Real world selling challenge

Year: B.ID I (Semester II)

MITRAJ SARVAJANIK INSTITUTE OF DESIGN, PLANNING & TECHNOLOGY						
Faculty		FADP&T		Programme		B.ID
Year		I		Version		1.0
Semester		II		Effective From		June 2025
Course Code		BFEL15201		Course Name		Professional Elective 2 A (Craft Skills II)
Course Type		Skill Enhancement (Elective) Course				
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Total	CCE	SEE	Total
2	-	2	2	13/25	13/25	50

CCE: Continuous and Comprehensive Evaluation including 20% of Attendance, 80 % of Sincerity in attending classes/class tests/ timely submissions of assignments/self-learning attitude/solving advanced problems/periodic assessment conducted by institute.

SEE: Sem End Evaluation: Theory Exam or Jury/viva on practical skills learned in course. In case of theory exams the question paper of minimum 50 marks (2hrs) will be drawn for evaluation.

The minimum passing head is 50%, it is rounded to 13 marks to avoid "E & O" (Errors & Omissions) arising due to decimal value.

The Content of the course also includes relevant topics from Indian Knowledge System (IKS) and/ or Value Added Courses (VAC) as per the guidelines of NEP/UGC/KCG along with other recommended module for learning flexibility

Prerequisite (if any): As per semester progression rule of Sarvajani University /promotion eligibility.

List of Courses where this course will be prerequisite: - NA

Rationale: - Craft Skills II is conceived as a domain that strengthens the learner's ability to translate ideas into tangible, visual, and experiential forms. In disciplines such as architecture, interior design, and visual arts, the ability to *make, document, and represent* is as critical as the ability to conceptualize. This elective builds upon foundational craft exposure and extends it into more applied, communicative, and context-sensitive practices.

The domain integrates five complementary approaches—model making, architectural photography, interior photography, wall mural creation, and traditional & contemporary crafts within an Indian Knowledge Systems (IKS) context—to offer a holistic understanding of craft as both process and medium of expression.

At its core, Craft Skills II emphasizes:

- Material intelligence and hands-on learning, enabling students to understand form, scale, structure, and detailing through physical engagement.
- Visual literacy and documentation skills, where photography becomes a tool for critical observation, analysis, and professional communication of built environments.
- Collaborative and site-responsive creation, particularly through wall murals, fostering teamwork, contextual sensitivity, and public engagement.

- Cultural grounding through IKS, encouraging students to recognize the value of traditional crafts, indigenous knowledge, and sustainable practices, and to reinterpret them within contemporary design contexts.

This course responds to the growing need for designers who are not only digitally proficient but also tactilely skilled, visually articulate, and culturally aware. It bridges the gap between making and meaning, helping students develop precision, creativity, and narrative ability across different mediums. Ultimately, Craft Skills II nurtures a well-rounded creative practitioner who can move seamlessly between concept, craft, and communication—an essential competency in today’s interdisciplinary design environment.

Following is the list of tentative electives.

Professional Elective 2A (Craft Skills II)

- Model Making
- Architectural Photography
- Interior Photography
- Wall Mural
- Traditional & Contemporary Craft - IKS Context

Description of course

Model Making

This elective introduces model making as a key medium for exploring and communicating form, space, and structure across architecture, interiors, and visual arts. Students work with basic materials such as card, foam, clay, wire, and found objects to construct volumetric, sectional, and conceptual models at different scales. Exercises move from simple massing and abstract form studies to small spatial or compositional models, emphasizing accuracy, cutting and joining techniques, and neat finishing. The course builds on earlier craft experience to develop greater control, planning, and visualization, helping learners understand how physical models can support design thinking, presentation, and dialogue with clients or peers.

Architectural Photography

This elective familiarizes students with architectural photography as a way of observing, recording, and interpreting built form, light, and space. Learners are introduced to basic camera handling (including phone cameras), framing, exposure, and focus, with specific attention to viewpoints, perspective, and the relationship between buildings and their surroundings. Assignments include documenting facades, details, sequences of movement, and atmosphere at different times of day, encouraging students to notice proportion, texture, shadow, and human use of space. The course emphasizes ethical and respectful on-site behaviour, while helping students build a visual library and photographic skills that support studio work, portfolios, and research documentation.

Interior Photography

This elective focuses on photographing interior spaces, furniture, and details to understand and communicate spatial quality, light, and materiality. Students learn to work with available light, basic artificial lighting options, and simple supports, while exploring composition, lens choice (or digital equivalents), and vantage points appropriate to confined spaces. Exercises include documenting room layouts, corners, focal points, textures, and user activity, with attention to verticals, reflections, colour balance, and clutter control. The course helps learners develop sensitivity to how interiors are perceived and represented in design communication, enabling them to create clear, expressive images for presentations, portfolios, and client communication.

Wall Mural

This elective introduces wall mural making as a collaborative and site-responsive form of visual expression. Students learn the basics of concept development, scaling up from sketches to large surfaces, surface preparation, selection of paints and tools, and safe working practices. Through group projects on interior or exterior walls (or large panels), they explore composition, colour, typography or motifs, and the relationship between imagery, architecture, and public perception. Emphasis is placed on teamwork, respect for context and community, and the role of murals in storytelling, place-making, and identity, allowing learners from architecture, interiors, and visual arts to co-create impactful visual interventions.

Traditional & Contemporary Craft (IKS Context)

This elective familiarizes students with selected traditional and contemporary craft practices in India, situated within an Indian Knowledge Systems (IKS) perspective. Through illustrated lectures, demonstrations, videos, and where possible interactions with artisans or visits (physical or virtual), learners explore how crafts embody local materials, techniques, aesthetics, and cultural meanings. Hands-on exercises introduce basic techniques or motifs from one or more crafts (such as pottery, weaving, woodwork, metal, or folk painting), while also encouraging reflection on issues of livelihoods, sustainability, and cultural continuity. The course aims to deepen appreciation for craft intelligence and its relevance to contemporary architecture, interiors, and visual communication, inspiring students to draw from IKS-based practices in responsible and respectful ways.

Content:

Sr. No.	Description	No. of Hours
Based on the topic offered the units will be detailed out by the concerned faculty considering following suggestive guidelines...		
Unit 1	Understanding Craft, Material & Visual Language	8
Unit 2	Exploration through Techniques & Practice / Material Handling	8

Unit 3	Interpretation & Refinement of various techniques	8
Unit 4	Application, Integration & Creative Expression	8

Suggested Specification table for Evaluation:

Distribution of Evaluation					
R Level	U Level	A Level	N Level	E Level	C Level
5%	15%	25%	15%	10%	30%

Legends: R: Remembrance, U: Understanding, A: Apply, N: Analyze, E: Evaluate C: Create and above Levels (Revised Bloom's Taxonomy)

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the final evaluation may vary slightly from the above table.

Reference Books:

Sr No	Title of book /article	Author(s)	Publisher and details like ISBN	Year of publication	Publication Edition
Note:	<i>The respective course faculty will determine and recommend reference materials according to the specific requirements of the course content.</i>				

Course Outcomes:

Sr. No.	CO statement	Marks % weightage
CO 1	Students will be able to apply intermediate craft and visual communication skills to observe, represent, and interpret form, space, material, and context with improved precision and intentionality compared to the 1st semester level.	50%
CO 2	Students will be able to connect hands-on craft or image-making processes with design thinking by using these skills to explore ideas, document built and interior environments, and engage meaningfully with cultural and contextual narratives	50%

Use the same CO 1 and CO 2 for all five electives; intensity levels can be adjusted if needed at programme level.

List of Exercises:

Sr. No.	Studio Exercises/Assignments for CCE
1	<i>Exercises/assignments may vary periodically as per availability of resource person / subject expert.</i>

Important Note:

- For evaluation purposes the ERP will only contain the course code and course title with domain. No specification or mention will be made of the specific skill/ ability/ competence acquired after completion of the elective in the semester end results issued by the Sarvajanic University.
- Evaluation of Professional Electives shall be conducted by the designated faculty member or subject expert or the designated panel appointed as examiner by the Institute
- The evaluation framework may include, as appropriate:
 - Continuous assessment
 - Studio or workshop outputs
 - Reports, portfolios, or presentations
 - Applied projects or assignments
- The academic judgement of the evaluator and coordinator shall be final and binding, subject only to verification of procedural compliance. However, the Institute reserves the right to rationalize/neutralize the marks/grades/evaluation in view of fair and relative institutional standards of evaluation through jury/viva/group discussion/performance or any other mode found appropriate/suggested by the concerned designated faculty member or subject expert or the designated panel appointed as examiner by the Institute
- No standardised question paper shall be mandatory unless specifically prescribed.
- All decisions regarding electives, will remain the prerogative of the institute and appropriate decision for the same will be taken after due discussion in the elective committee meetings / IDPT I & R meetings/ACC meetings.
- For further details refer Standard Operating Manual (SOM) for Special Academic Components prepared for programs of MS-IDPT.

Year: B.ID I (Semester II)

MITRAJ SARVAJANIK INSTITUTE OF DESIGN, PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID	
Year	I			Version	1.0	
Semester	II			Effective From	June 2025	
Course Code	BFEL16202			Course Name	Transdisciplinary Open Elective 2 B(IKS and Health Science)	
Course Type	Common Value Added (Elective) Course					
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Total	CCE	SEE	Total
2	-	2	2	13/25	13/25	50

CCE: Continuous and Comprehensive Evaluation including 20% of Attendance, 80 % of Sincerity in attending classes/class tests/ timely submissions of assignments/self-learning attitude/solving advanced problems/periodic assessment conducted by institute.

SEE: Sem End Evaluation: Theory Exam or Jury/viva on practical skills learned in course. In case of theory exams the question paper of minimum 50 marks (2hrs) will be drawn for evaluation.

The minimum passing head is 50%, it is rounded to 13 marks to avoid "E & O" (Errors & Omissions) arising due to decimal value.

The Content of the course also includes relevant topics from Indian Knowledge System (IKS) and/ or Value Added Courses (VAC) as per the guidelines of NEP/UGC/KCG along with other recommended module for learning flexibility

Prerequisite (if any): As per semester progression rule of SarvajaniK University /promotion eligibility.

List of Courses where this course will be prerequisite: - NA+

Rationale: - Transdisciplinary Open Elective 2B (IKS & Health Science) is designed as a holistic learning domain that integrates principles of Indian Knowledge Systems (IKS) with contemporary understandings of health and wellbeing. The course recognizes health not merely as the absence of illness, but as a multidimensional state encompassing physical, mental, emotional, social, and spiritual balance—especially relevant for students engaged in demanding creative disciplines such as architecture, interior design, and visual arts.

Positioned at the intersection of traditional wisdom and modern lifestyle challenges, this elective introduces students to practical, experience-based learning across five interconnected areas: self-defence, Indian yoga practices, health awareness, wellness and nutrition, and outreach of IKS. Each component contributes to building a comprehensive understanding of personal safety, body awareness, preventive healthcare, and sustainable living habits.

The domain emphasizes experiential and reflective pedagogy, where students actively engage through demonstrations, guided practices, discussions, and small-scale design interventions. It encourages learners to observe and analyze their own routines, environments, and behaviours, and to make informed decisions that improve their overall wellbeing. By linking concepts such

as posture, ergonomics, food habits, stress management, and spatial awareness to studio-based learning, the course ensures direct relevance to their academic and professional contexts.

A key aspect of this elective is its transdisciplinary nature, enabling students to connect knowledge from health sciences with design thinking and creative expression. Through outreach activities, students further extend their learning beyond the classroom, translating IKS concepts into meaningful communication strategies, campaigns, and community-oriented initiatives.

Aligned with the course outcomes, the elective fosters the ability to understand, interpret, and apply IKS-based health principles in everyday life. It aims to cultivate responsible, self-aware individuals who can maintain personal wellbeing while contributing positively to society. Ultimately, the course supports the development of resilience, discipline, empathy, and culturally rooted awareness, forming a strong foundation for lifelong learning and professional practice.

Following is the list of tentative electives..

Transdisciplinary Open Elective 2B (IKS & Health Science)

- Self Defence
- Indian Yoga Practices
- Health Awareness (Mental, Dental, Ayurveda, Physical, Spiritual)
- Wellness & Nutrition
- Outreach of Indian Knowledge System

Description of course

Self Defence

This elective introduces basic self defence principles as part of holistic health within the domain of IKS and health science for design students. It covers body awareness, situational awareness, boundary setting, and simple, practical techniques to respond to common threats in everyday environments, with emphasis on prevention and de-escalation rather than aggression. Through demonstrations, guided drills, and reflective discussions, students learn to read space, distance, and movement, and to understand how environment, lighting, and crowd dynamics affect safety. The course aims to build confidence, discipline, and responsibility, helping second semester students internalize personal safety as a prerequisite for effective learning, professional practice, and community engagement.

Indian Yoga Practices

This elective introduces Indian yoga practices as an integrated system of physical postures, breath control, and mental focus rooted in indigenous knowledge traditions under IKS and health science. Students learn basic asanas, pranayama, and simple mindfulness techniques along with their physiological and psychological benefits, including posture, concentration, and stress management. Short lectures connect yogic concepts such as balance, alignment, and prana with

daily routines, studio work pressures, and ergonomic concerns in creative disciplines. The course encourages students to cultivate a regular, safe practice that supports resilience, sustained attention, and a healthier relationship with their bodies and workloads.

Health Awareness (Mental, Dental, Ayurveda, Physical, Spiritual)

This elective offers a broad health awareness foundation framed within IKS and health science, emphasizing interconnected dimensions of wellbeing. Students are introduced to basics of mental health, stress and anxiety management, dental hygiene, physical fitness, Ayurveda's perspectives on body types and daily routines, and spiritual wellbeing through values, reflection, and meaning making. Sessions combine expert talks, interactive discussions, self assessment exercises, and simple lifestyle planning activities that students can adapt to hostel, home, and studio contexts. The course helps students recognize early warning signs, seek appropriate support, and design healthier daily habits that sustain long term academic and professional life.

Wellness and Nutrition

This elective focuses on everyday wellness and nutrition practices as understood within IKS and health science, with relevance to student life in design and art disciplines. It introduces fundamentals of balanced diets, traditional Indian food wisdom, seasonal and regional eating, hydration, and the impact of food choices on energy, concentration, and mood. Through food diaries, simple meal planning tasks, and discussions on processed foods, screen time, and sleep, students examine their own lifestyles and identify realistic improvements. The course encourages students to see nutrition as a designable system affecting their physical performance, creativity, and resilience during intensive studio work.

Outreach of Indian Knowledge System

This elective explores how concepts from IKS and health science can be communicated and shared with wider communities through creative outreach. Students are introduced to key ideas from yoga, Ayurveda inspired lifestyles, traditional games, local healing practices, and community health initiatives, and examine how these can be interpreted responsibly for contemporary audiences. Through group projects, they may design simple campaigns, visual narratives, small events, or installations that promote health literacy and respect for indigenous knowledge in campus and neighbourhood contexts. The course invites students to connect their emerging design and visual skills with social responsibility, empathy, and culturally sensitive communication.

Content:

Sr. No.	Description	No. of Hours
Based on the topic offered the units will be detailed out by the concerned faculty considering following suggestive guidelines...		
Unit 1	Conceptual Understanding	8
Unit 2	Experiential Practice	8
Unit 3	Critical Analysis & Improvement	8
Unit 4	Application & Creation	8

Suggested Specification table for Evaluation:

Distribution of Evaluation					
R Level	U Level	A Level	N Level	E Level	C Level
15%	25%	20%	15%	10%	15%

Legends: R: Remembrance. U: Understanding, A: Apply, N: Analyze, E: Evaluate C: Create and above Levels (Revised Bloom's Taxonomy)

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the final evaluation may vary slightly from the above table as per the elective opted by the student.

Reference Books:

Sr No	Title of book /article	Author(s)	Publisher and details like ISBN	Year of publication	Publication Edition
1.	<i>Note: The respective course faculty/instructor/expert will determine and recommend reference materials according to the specific requirements of the course content.</i>				

Course Outcomes:

Sr. No.	CO statement	Marks % weightage
CO 1	Students will be able to explain key concepts from Indian knowledge systems related to personal and community health, and relate them to their own habits, learning environments, and future professional roles.	50%
CO 2	Students will be able to apply selected practices or principles from IKS and health science to simple, actionable strategies that enhance their physical, mental, and social wellbeing as design and art students.	50%

List of Exercises:

Sr. No.	Studio Exercises/Assignments for CCE
1.	<i>The exercises of transdisciplinary electives may be subject to periodic revision based on the availability of elective options, institutional priorities, and the academic or professional expertise of the faculty offering the course.</i>

Important Note:

- For evaluation purposes the ERP will only contain the course code and course title along with domain. No specification or mention will be made of the specific skill/ ability/ competence acquired after completion of the elective in the semester end results issued by the Sarvajani University.
- Evaluation of Transdisciplinary Open Electives shall be conducted by the designated faculty member or subject expert or the designated panel appointed as examiner by the Institute.
- Evaluation may include reflective assignments, participation, projects, presentations, or other suitable assessment tools aligned with learning objectives.
- The academic judgement of the evaluator and coordinator shall be final and binding, subject only to verification of procedural compliance. However, the Institute reserves the right to rationalize/neutralize the marks/grades/evaluation in view of fair and relative institutional standards of evaluation through jury/viva/group discussion/performance or any other mode found appropriate/suggested by the concerned designated faculty member or subject expert or the designated panel appointed as examiner by the Institute.
- No standardised question paper shall be mandatory unless specifically prescribed.
- All decisions regarding electives will remain the prerogative of the institute and appropriate decision for the same will be taken after due discussion in the elective committee meetings / IDPT I & R meetings/ACC meetings
- For further details refer Standard Operating Manual (SOM) for Special Academic Components prepared for programs of MS-IDPT.

Year: B.ID II (Semester III)

MITRAJ SARVAJANIK INSTITUTE OF DESIGN, PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID	
Year	II			Version	4.0	
Semester	III			Effective From	June 2026 (For all batches admitted 2025 onwards)	
Course Code	BIID41301		Course Name	Habitat Studio		
Course Type	Major					
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Total	CCE	SEE	Total
8	-	8	8	50/100	50/100	200

CCE: Continuous and Comprehensive Evaluation including 20% of Attendance, 80 % of Sincerity in attending classes/class tests/ timely submissions of assignments/self-learning attitude/solving advanced problems/periodic assessment conducted by institute.

SEE: Sem End Evaluation: Theory Exam or Jury/viva on practical skills learned in course. In case of theory exams the question paper of minimum 50 marks (2hrs) will be drawn for evaluation.

Prerequisite: - As per semester progression rules of SarvajaniK University /promotion eligibility.

List of Courses where this course will be a prerequisite: - N.A.

Rationale: The studio emphasizes on understanding cultural idioms and complexities of a family within residential spaces. It focuses on achieving space optimization, efficiency, and meaningful user experiences across various scales of habitation. Attention is given to spatial detailing, functionality, user-friendly solutions, and contextually relevant design. The key aspects include understanding of anthropometry to achieve comfort and functionality, exploration of elements of space design and integration of materiality, while creating experiential spaces where humans live to get emotionally charged with a sense of bliss, excitement and simplicity. The studio will concentrate on designing meaningful living environments that reflect the identity of inhabitants, incorporate emotional and cultural expressions and foster diverse design attitudes. The exercises will involve explicit learning modes to incorporate these aspects in the design, including detailing and representation of the proposed design through drawings and models. The outcomes of the studio will lead students to a series of learnings such as the definition of a habitable space, understanding the synergies of space planning, and creating modest as well as flexible living environments.

Content:

Sr. No.	Description	No. of Hours
Unit I	Enriching Living Environments <ul style="list-style-type: none"> Study and analysis of various interior design parameters to understand cultural and social aspects of design. Exploration of spatial elements for designing experiential spaces 	24

Unit 2	<ul style="list-style-type: none"> Design deliberations of enhancement of spaces with respect to innovative ambiances of spaces in living environments. Designing and detailing smaller components within the spaces to align with user needs and aspirations. 	24
Unit 3	<p>Elemental notions in residential Interiors</p> <ul style="list-style-type: none"> Understanding various elements with respect to space, scale, volume, materiality and its application. Deriving an overall theme of the project through philosophical or cultural nuances which reflects the user's identity. 	32
Unit 4	<ul style="list-style-type: none"> Exploring the design from micro to macro scale by designing various theme-based elements in a living environment. Detailed designing with respect to materials and finishes which aligns with selected themes/styles/concept/philosophy. 	48

Suggested Specification table for Evaluation:

Distribution of Evaluation					
R Level	U Level	A Level	N Level	E Level	C Level
10%	20%	20%	10%	10%	30%

Legends: R: Remembrance, U: Understanding, A: Apply, N: Analyze, E: Evaluate C: Create and above Levels (Revised Bloom's Taxonomy)

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the final evaluation may vary slightly from the above table.

Reference Books:

Sr. No.	Title of Book / Article	Author(s)	Publisher and Details / ISBN	Year of Publication	Edition
1	The Interior Design Reference & Specification book – Everything an interior designer needs to know every day	Chris Grimley	Rockport Publishers, ISBN: 9781592538478	2018	Revised Edition
2	Principles of Form and Design	Wucius Wong	John Wiley & Sons, New York, ISBN: 9780471285527	1993	2nd Edition



3	Residential Interior Design: A Guide To Planning Spaces	Courtney Nystuen, Maureen Mitton	John Wiley & Sons, ISBN: 9780471781760	2006	2nd Edition
4	Elements of style: Designing a home & a life	Erin Gates	Atria Books. ISBN: 9781501137297	2018	-
5	Interior design illustrated	Frank Ching.	John Wiley & Sons. ISBN: 9780471286166	1987	1st Edition
6	Time-saver Standards for Interior Design and Space Planning	Joseph De Chiara, Julius Panero, and Martin Zelnik.	McGraw-Hill. ISBN: 9780070162976	1921	3rd Edition
7	Architecture: Form, Space and Order	Francis D. K. Ching	John Wiley & Sons. ISBN: 9781118745083	2012	3rd Edition
8	Elements of Space Making	Yatin Pandya	Mapin Publishing. Ahmedabad. ISBN: 9781890206916	2007	-
9	The Theory of Architecture— Concepts & Themes	Paul-Alan Johnson	Van Nostrand Reinhold, ISBN: 9780442003498	1994	-
10	Elements of Architecture – From Form to Place	Peter von Meiss	Routledge, New York, ISBN: 9780419224307	1998	1st Edition
11	The Language of Architecture	N. J. Prak	Mouton & Co., Hague, ISBN: 9789027944382	1968	-
12	Understanding Architecture: Its Experience, History and Meaning	Leland M. Roth	Westview Press. Philadelphia, ISBN: 9780813349039	2013	3rd Edition
13	The Dynamics of Architectural Form	Rudolf Arnheim	University of California Press,	1977	ISBN: 9780520038219

14	Analysing Architecture	Simon Unwin	Routledge, London, ISBN: 9780415325350	2003	-
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Course Outcomes:

Sr. No.	CO statement	Marks % weightage
CO-1	Understand habitat/dwelling design with respect to cultural features and user's choices	15%
CO-2	Understand anthropometry and its role in efficient planning and Space optimization	15%
CO-3	Learn application of appropriate Material explorations and detailing	20%
CO-4	Carry out logical applications of space derivations and detailing of services.	30%
CO-5	Understand interior aesthetics in relation to space planning.	20%

List of Open learning website: N.A.

List of Open Source Software: N.A.

List of Exercises:

Sr. No.	Studio Exercises/Assignments for CCE
1	<p>Cultural & User-Centric Habitat Analysis - Select a family/user profile (urban nuclear/joint family/working couple, etc.). Conduct detailed study including:</p> <ul style="list-style-type: none"> • Lifestyle patterns and daily activities • Cultural practices and preferences • Spatial needs and privacy hierarchy <p>Analyze an existing dwelling through real life examples and / literature case study.</p>
2	<p>Thematic Interior Design Development - Develop a design theme/concept (cultural, minimal, contemporary, vernacular, etc.) Translate concept into spatial design through:</p> <ul style="list-style-type: none"> • Color palette • Material selection <p>Furniture and décor elements</p>



2	<p>Space Optimization & Planning Strategies - Design a compact dwelling unit (given area/program). Develop multiple layout options focusing on:</p> <ul style="list-style-type: none"> • Zoning (private, semi-private, public) • Circulation efficiency • Multi-functional and flexible spaces
3	<p>Materiality & Elemental Detailing for key interior components (e.g., furniture, partition, seating, kitchen, toilet etc.) Develop detailed design considering:</p> <ul style="list-style-type: none"> • Material selection (based on function and aesthetics) • Design, construction and joinery • Surface finishes and textures
5	<p>Integrated Habitat Design Project (Final Studio Project) - Design a complete dwelling unit integrating:</p> <ul style="list-style-type: none"> • Space planning • Furniture and interior elements • Materials and finishes • Basic service integration (lighting, electrical) <p>Ensure alignment with user needs, cultural context, and functionality</p>



Year: B.ID II (Semester III)

MITRAJ SARVAJANIK INSTITUTE OF DESIGN, PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID	
Year	II			Version	4.0	
Semester	III			Effective From	June 2026 (For all batches admitted 2025 onwards)	
Course Code	BIID41302	Course Name	Interior Materials System and Services I			
Course Type	Major			-		
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Total	CCE	SEE	Total
4	4	-	4	25/50	25/50	100

CCE: Continuous and Comprehensive Evaluation including 20% of Attendance, 80 % of Sincerity in attending classes/class tests/ timely submissions of assignments/self-learning attitude/solving advanced problems/periodic assessment conducted by institute.

SEE: Sem End Evaluation: Theory Exam or Jury/viva on practical skills learned in course. In case theory exams the question paper of minimum 50 marks (2hrs) will be drawn for evaluation.

Prerequisite (if any): - As per semester progression rule of Sarvajani University /promotion eligibility.

List of Courses where this course will be prerequisite: - N.A.

Rationale: 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 in interior spaces. 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.

Content:

Sr. No.	Description	No. of Hours
Unit 1	<p>Concrete in building design</p> <ul style="list-style-type: none"> 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 	08





	<ul style="list-style-type: none"> 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 	
Unit 2	<p>Stone & its applications / uses in interiors</p> <ul style="list-style-type: none"> Comprehensive study of 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 Study of artificial stones, characteristics, their manufacturing processes, techniques/methods of fixing/joining Understanding various applications of stones in interior design 	12
Unit 3	<p>Tiles & its applications / uses in interior</p> <ul style="list-style-type: none"> 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 Understanding various application of tiles in interior design 	12
Unit 4	<p>By Products of Wood</p> <ul style="list-style-type: none"> 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 Finishing materials and techniques for various wood products as laminate/veneer/chemical coatings etc., durability and maintenance aspects, available sizes and specifications. Understanding application and execution details of different products for various purposes like partitions/furniture/ceiling/panelling etc and finishing details. 	12
Unit 5	<p>Building Services</p> <ul style="list-style-type: none"> General Introduction about subject, plumbing & sanitation, (basic knowhow of City level water supply, treatment, storage & distribution), Building level water supply, storage & distribution Plumbing and sanitation requirement in different types of buildings, Various types of building plumbing & drainage system, materials for components of plumbing/drainage system (pipes, valves, traps etc), accessories (taps, faucets, sanitary wares, fittings, fixtures), 	20



	<p>understanding design aspects, technical aspects and execution aspects</p> <ul style="list-style-type: none"> • 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 • Water efficient design: Water saving techniques, Rain water harvesting. 	
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Suggested Specification table for Evaluation:

Distribution of Evaluation					
R Level	U Level	A Level	N Level	E Level	C Level
25%	25%	20%	10%	10%	10%

Legends: R: Remembrance, U: Understanding; A: Apply, N: Analyze, E: Evaluate C: Create and above Levels (Revised Bloom’s Taxonomy)

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the Final Evaluation may vary slightly from above table.

Reference Books:

Sr. No.	Title of Book / Article	Author(s)	Publisher Details & ISBN	Year of Publication	Publication Edition
1	Bureau of Indian standards		2000.National Building code of India	2000	1st Edition
2	Plumbing:Design and Practice	Deolalikar S.G	Tata McGraw hill pub.	1995	1st Edition
3	Marble, stone and granite: A source of book of styles and materials, Apple, London.	Parsons, Christiner,	Blackwell Science Ltd., Oxford. ISBN: Varies by volume (e.g., 0632040341 for Volume 1)	1996	Multiple Editions
4	Mitchell’s Elementary Building Construction	R. Moxley	B. T. Batsford Ltd., London. ISBN: Not available	1961	Revised Edition





5	Building Construction	Sushil Kumar	Standard Publishers, Delhi. ISBN: 9788180141191 (approx.)	2003	19th Edition
6	Plumbing Encyclopaedia	Treloar, R.D..	Wiley-Blackwell, United Kingdom.	2009	Not specified
7	Wood Engineering and construction Handbook	Otto H. Koenigsberger	Mc Graw- Hill. New York.	1999	Not specified

Course Outcomes:

Sr. No.	CO statement	Marks % weightage
CO-1	Understand concrete as a versatile building material, various surfaces finish of concrete and its relationship with interiors	12%
CO-2	Understand the use of various types of stone and tiles in designing specific elements like opening, staircase, flooring, cladding, surface finishes, etc.	38%
CO-3	Understand wood and by-products of wood, its manufacturing process, surface finishes, joinery details and its application in building design for various purposes like furniture/partitions/flooring/ceiling/cladding along with its impact in interiors.	20%
CO-4	Understand Significance of designing plumbing and sanitation services for buildings and its integration in design and Integrate knowledge gained through this course in design studio projects as well.	30%

List of Open learning website: N.A.

List of Open Source Software: N.A.

List of Exercises:

Sr. No.	Studio Exercises / Assignments for CCE
1	Prepare a Technical Material Dossier documenting concrete in interior applications for developing a comprehensive technical understanding of concrete as a structural and finish material within interior architecture.
2	Stone Applications: Prepare a Material Specification Report of stone applications for an interior project (residential / hospitality / retail).
3	Surface Systems Study – Tile Assemblies & Detailing: Develop a comprehensive surface system study for tiled applications and understand tiles as integrated surface systems involving material, substrate, fixing, and finishing layers.
4	Furniture & Interior System Design using wood/Engineered Wood
5	Integrated Service Design – Kitchen & Toilet Planning: Design a fully detailed kitchen + toilet layout for a residential unit.
6	Case Study of various structural systems and application of the same for small design exercises with detailing.

Year: B.ID II (Semester III)

MITRAJ SARVAJANIK INSTITUTE OF DESIGN, PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID	
Year	II			Version	4.0	
Semester	III			Effective From	June 2026 (For all batches admitted 2025 onwards)	
Course Code	BIID42303		Course Name	Furniture and Product Design I		
Course Type	Minor					
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Total	CCE	SEE	Total
4	-	4	4	25/50	25/50	100

CCE: Continuous and Comprehensive Evaluation including 20% of Attendance, 80 % of Sincerity in attending classes/class tests/ timely submissions of assignments/self-learning attitude/solving advanced problems/periodic assessment conducted by institute.

SEE: Sem End Evaluation: Theory Exam or Jury/viva on practical skills learned in course. In case theory exams the question paper of minimum 50 marks (2hrs) will be drawn for evaluation.

Prerequisite (if any): - As per semester progression rule of Sarvajani University /promotion eligibility.

List of Courses where this course will be prerequisite: - N.A.

Rationale: - The course focuses on understanding furniture and product in relation to design/style, evolution, typology, anthropometry, ergonomics & its functionality at a residential scale. The 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. The course will focus on Design overview, detailing, tools & technical know-how, develop innovative and trendy typologies concerning the design studio elements & activities. Emphasis shall be on exploring various components like: structure, joinery mechanism, materials, finishes & furnishing of the respective furniture typologies.

Content:

Sr. No.	Description	No. of Hours
Unit 1	Design Fundamentals Orientation & development of the skills, concepts and creative thinking needed to design a product & furniture for residential use & comfort.	12
Unit 2	Conceptualisation Developing the fundamental principles of design, learning drawing techniques, practical workshop skills/model making skills as a tool to represent design ideas and concepts, understanding prototyping of design for multiple production, developing research skills with the help	12



	of expert Lectures and seminars by professional designers allowing us to explore entrepreneurial aspirations.	
Unit 3	Design Process Application of learning of Computer Aided Design softwares, latest industry standard tools, graphic design and visualization tools for design development process. Exploring possibilities of practical execution of designs through model makings, workshop and hands on experiments	20
Unit 4	End Product Refinements in design, developing details and creating the product that is "market ready", presentation of the design products to industry clients for field engagement.	20

Suggested Specification table for Evaluation:

Distribution of Evaluation					
R Level	U Level	A Level	N Level	E Level	C Level
5%	20%	20%	20%	5%	30%

Legends: R: Remembrance, U: Understanding; A: Apply, N: Analyze, E: Evaluate C: Create and above Levels (Revised Bloom's Taxonomy)

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the Final Evaluation may vary slightly from above table.

Reference Books:

Sr No	Title of Book / Article	Author(s)	Publisher and Details	ISBN	Year of Publication	Publication Edition
1	Basic Product Design Vol.-2 Material Thoughts	Bramston David	AVA Publishing SA, Lausanne	97829 40373 871	2009	1st Edition
2	Product Design: International Award-Winning Designs for the Home and office	Akiko	Busch	97808 96595 224	1984	1st Edition
3	New Modern Furniture Design	Cerver	Francisco Asensio	97884. 89861 718	1998	1st Edition



4	Home Furniture Designs	Dennis J. Hall, Nina M. Giglio	John Wiley & Sons	97811 18760 864	2015	2nd Edition
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Course Outcomes:

Sr. No.	CO statement	Marks % weightage
CO-1	Develop a comprehensive understanding of furniture and product typologies in relation to residential interior spaces.	25%
CO-2	Explore various materials and technologies in furniture design and integrate principles of scale, functionality, aesthetics, and spatial coherence.	25%
CO-2	Understand the evolving role of furniture design in a contemporary global context.	25%
CO-2	Apply design theories/concepts to create innovative furniture and product solutions by integrating anthropometry, ergonomics, materials, and mechanisms.	25%

List of Open learning website: NA

List of Open Source Software: NA

List of Exercises:

Sr. No.	Studio Exercises / Assignments for CCE
1	Select a specific furniture piece from a residential context, and Develop: Anthropometric analysis using standard human data, Ergonomic evaluation (comfort, usability, posture) Joinery mechanisms (traditional & modern), Materials, finishes, and furnishing layers
2	Identify a design problem within a residential setting (e.g., space-saving, multifunctional use, changing lifestyles). Develop a design concept integrating: User behaviour insights, Ergonomic considerations, material and mechanism exploration, Working model/prototype (scaled or full-scale detail) & its Exploration of joinery and fabrication logic.
3	Develop a comprehensive, implementable furniture/product design solution aligned with contemporary trends and market needs in Alignment with End-to-end design execution, detailing, market awareness, and professional readiness.

Year: B.ID II (Semester III)

MITRAJ SARVAJANIK INSTITUTE OF DESIGN, PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	BID	
Year	II			Version	4.0	
Semester	III			Effective From	June 2026 (For all batches admitted 2025 onwards)	
Course Code	BIID42304	Course Name	History of Interior Design I			
Course Type	Minor			-		
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Total	CCE	SEE	Total
2	2	-	2	13/25	13/25	50

CCE: Continuous and Comprehensive Evaluation including 20% of Attendance, 80 % of Sincerity in attending classes/class tests/ timely submissions of assignments/self-learning attitude/solving advanced problems/periodic assessment conducted by institute.

SEE: Sem End Evaluation: Theory Exam or Jury/viva on practical skills learned in course. In case theory exams the question paper of minimum 50 marks (2hrs) will be drawn for evaluation.

The minimum passing head is 50%, it is rounded to 13 marks to avoid "E & O" (Errors and omissions) arising due to decimal value.

Prerequisite (if any): - As per semester progression rule of Sarvajani University /promotion eligibility.

List of Courses where this course will be prerequisite: - N.A.

Rationale: - The course examines Egyptian civilization with Greece & Rome as cultures of major significance in the consciousness of Western civilization. The course also examines links between early Christian and Byzantine period even further till medieval period. The objective is to gain knowledge of interior space-making elements, furniture, surface treatment & ornamentation and associate symbolism of the said period. It seeks to understand development of space design as a complex dialogue between needs of the time, technology & cultural aspiration. The course also examines the Indian perspective of robust & scientific planning and architecture that was deeply religious in spirit.

Content:

Sr. No.	Description	No. of Hours
Unit 1	Ancient & Classical period in West - Ancient Egyptian Architecture and Furniture Greek & Roman Interior Spaces and Furniture	8
Unit 2	Byzantine and Medieval Period in West - Domestic & Sacred Interior Spaces & Furniture of Byzantine, Romanesque & Gothic Period.	8



Unit 3	Indus Valley & Vedic civilization India- (IKS)*- Indus Valley town planning & important built forms Vedic settlements Principles of Vastushastra	8
Unit 4	Religious forms - (IKS)*- Hindu Temple Architecture & ornamentation Examination of evolution of domestic interiors through the lens of spatial hierarchy, social organization & cultural practices.	8

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

Suggested Specification table for Evaluation:

Distribution of Evaluation					
R Level	U Level	A Level	N Level	E Level	C Level
25%	25%	10%	20%	10%	10%

Legends: R: Remembrance. U: Understanding; A: Apply. N: Analyze. E: Evaluate C: Create and above Levels (Revised Bloom's Taxonomy)

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the Final Evaluation may vary slightly from above table.

Reference Books:

Sr No	Title of book /article	Author(s)	Publisher and details like ISBN	Year of publication	Publication Edition
1	An Introduction to art, craft, science, technique & profession of Interior Design.	Kasu Ahmed	Ashish Book Centre, Mumbai.	2005	-
2	History of Interior Design & Furniture- From Ancient Egypt to Nineteenth Century Europe	John Wiley & Sons	Inc., New Jersey.	2006	3rd edition
3	. History of Furniture – A Global View	Mark Hinchman	Fairchild Books, New York.	2009	1st edition
4.	A History of Interior Design	Laurence King Publishing, Canada.	Pile John &Gura Judith	2014	4th edition



5.	An Encyclopaedia of Furniture	Simon Yates	Quantum Books Ltd., London.	1997	6th edition
6.	The Penguin guide to the architecture of the Indian Subcontinent	Evans, Richard	Penguin Books Ltd	2016	-
7.	The Age of Extremes: A History of the World, 1914-1991	Takeo Kamiya	-	-	1st edition

Course Outcomes:

Sr. No.	CO statement	Marks % weightage
CO-1	To develop a comprehensive understanding of the history of art, architecture, and interior design, with emphasis on the Egyptian period, enabling students to recognize the influence of social, political, and religious contexts on the built environment and to demonstrate informed knowledge of classical architectural and interior traditions.	25%
CO-2	To examine the development of Christianity and its impact on architectural and interior spaces during the Early Christian and Byzantine, Medieval periods.	25%
CO-3	To develop an understanding of the principles of Indian town planning and architecture as seen in the Indus Valley Civilization, and to analyze the settlement patterns, spatial elements, and associated built forms of typical Vedic villages and towns.	25%
CO-4	To understand the significance of Shilp-shastra in establishing the relationship between humans, nature, and the cosmos, while examining the evolution of religious architectural expression from temple forms, including their spatial organization, motifs, and decorative elements. Examination of evolution of domestic interiors with reference to culture, hierarchy & social organization.	25%

List of Open learning website:

www.khanacademy.org
MIT OpenCourseWare
Smarthistory

List of Open Source Software: N.A.



List of Exercises:

Sr. No.	Studio Exercises /Suggestive Assignments for CCE
1.	Create a presentation based on chief characteristics of Architecture/Interior/Furniture and elements of space making on the given topic within the given historical time frame.
2.	Prepare scaled drawings of the selected examples: Plans, Sections, Elevations and details of elements of space making.
3.	Make scaled models of the selected examples showing characteristics of Interior spaces, elements, furniture, decor and ornamentation of the given historical period.

Year: B. ID II (Semester III)

MITRAJ SARVAJANIK INSTITUTE OF DESIGN, PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID	
Year	II			Version	1.0	
Semester	III			Effective From	June 2026 (For all batches admitted 2025 onwards)	
Course Code	BFGN13301		Course Name	Liberal Studies & Life Skills III (Psychomotor Skills) (For all batches admitted 2025 onwards)		
Course Type	Multidisciplinary/Interdisciplinary			-		
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Total	CCE	SEE	Total
2	2	-	2	13/25	13/25	50

CCE: Continuous and Comprehensive Evaluation including 20% of Attendance, 80 % of Sincerity in attending classes/class tests/ timely submissions of assignments/self-learning attitude/solving advanced problems/periodic assessment conducted by institute.

SEE: Sem End Evaluation: Theory Exam or Jury/viva on practical skills learned in course, in case theory exams the question paper of minimum 50 marks (2hrs) will be drawn for evaluation.

The minimum passing head is 50%, it is rounded to 13 marks to avoid "E & O" (Errors and Omissions) arising due to decimal value.

Prerequisite (if any): -As per semester progression rule of Sarvajani University /promotion eligibility.

List of Courses where this course will be prerequisite: - NA

Rationale: - This course focuses on developing essential survival and self-help skills through hands-on and demonstration-based learning. It includes practical exposure to areas such as water safety (swimming/sailing), fire safety and basic firefighting, first aid including CPR and basic nursing care, simple maintenance and repairing, and life-saving techniques during trekking or outdoor situations, depending on available facilities and expertise. The course emphasizes physical coordination, situational awareness, risk assessment, and the ability to respond calmly and effectively in emergencies, while promoting personal safety, teamwork, responsible behaviour, and practical problem-solving skills for real-life situations.

This domain-based structure is intended to encourage cross disciplinary engagement, and thematic continuity beyond core disciplinary boundaries.

The topics under Liberal Studies & Life Skills III are subject to change under the availability of resource persons. However, the domain for this course will remain 'Psychomotor Skill'.

Following is the list of tentative modules.

Liberal Studies & Life Skills III (Psychomotor Skill)

- Survival Skills - Self Help Skills
(Swimming /Sailing / Firefighting / Health - CPR - Nursing / Maintenance & Repairing / Lifesaving during trekking)
Additional potential topics can be offered time to time



Description of course

This Liberal Studies & Life Skills module develops basic survival and self-help skills through hands-on practice and demonstration-based learning, building students' physical coordination, situational awareness, and confidence in managing emergencies. Depending on institutional facilities/availability of resource person / expert, the course may cover selected modules such as swimming or sailing for water safety, fire safety and basic fire-fighting, health-related first aid including CPR and simple nursing care, basic maintenance and repairing of everyday tools and equipment, and life-saving practices during trekking or outdoor activities. Students learn how to assess risk, respond calmly, and execute simple procedures correctly, with emphasis on personal safety, safe use of equipment, teamwork, and following instructions. The course aims to cultivate responsible attitudes towards one's own well-being and that of others, while reinforcing the value of preparedness and practical problem solving in real-life situations.

Content:

Sr. No.	Description	No. of Hours
Based on the topic offered the units will be detailed out by the concerned faculty considering following suggestive guidelines:		
Unit 1	Survival Basics & Risk Awareness	4
Unit 2	First Aid, CPR & Basic Care	4
Unit 3	Basic tools, simple repairs, safe handling	12
Unit 4	emergency handling, teamwork	12

Suggested Specification table for Evaluation:

Distribution of Evaluation					
R Level	U Level	A Level	N Level	E Level	C Level
10%	20%	40%	15%	15%	-

Legends: R: Remembrance, U: Understanding; A: Apply, N: Analyze, E: Evaluate C: Create and above Levels (Revised Bloom's Taxonomy)

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the Final Evaluation may vary slightly from above table.



Reference Books:

Sr No	Title of book /article	Author(s)	Publisher and details like ISBN	Year of publication	Publication Edition
1	<i>The respective course faculty will determine and recommend reference materials according to the specific requirements of the course content.</i>				

Course Outcomes:

Sr. No.	CO statement	Marks % weightage
CO 1	Students will be able to perform selected survival and self-help tasks safely and competently, demonstrating appropriate use of tools, equipment, and body coordination in simulated real-life situations.	50%
CO 2	Students will be able to apply basic safety protocols and emergency response procedures in individual and group contexts, showing responsibility for personal and others' well-being during routine activities and unexpected events.	50%

List of Open learning website: N.A.

List of Open Source Software: N.A.

List of Exercises:

Sr. No.	Studio Exercises / Assignments for CCE
1	<i>The respective course faculty will determine the exercises/assignments based on the topics offered and will convey the same to the students.</i>

Important Note:

- For evaluation purposes the ERP will only contain the course code and course title. Mention will be made of the domain acquired after completion of the course in the semester end results issued by the Sarvajani University.
- Evaluation of Liberal Studies and Life Skills shall be developmental and formative in nature, aligned with the objectives of the component.
Assessment methods may include:
 - Participation and engagement
 - Reflective journals or submissions
 - Group activities and exercises
 - Demonstrated competencies or behaviours

Quantitative grading shall be used only where appropriate and approved. Emphasis shall be placed on meaningful feedback rather than comparative ranking.



- The academic judgement of the evaluator and coordinator shall be final and binding, subject only to verification of procedural compliance. However, the Institute reserves the right to rationalize/neutralize the marks/grades/evaluation in view of fair and relative institutional standards of evaluation through jury/viva/group discussion/performance or any other mode found appropriate/suggested by the concerned designated faculty member or subject expert or the designated panel appointed as examiner by the Institute.
- No standardised question paper shall be mandatory unless specifically prescribed.
- All decisions regarding Liberal Studies & Life Skills, will remain the prerogative of the institute and appropriate decision for the same will be taken after due discussion in the elective committee meetings / MS IDPT I & R meetings/ACC meetings
- For further details, refer Standard Operating Manual(SOM) for Special Academic Components prepared for the programmes of MS-IDPT

Year: B.ID II (Semester III)

MITRAJ SARVAJANIK INSTITUTE OF DESIGN, PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID	
Year	II			Version	4.0	
Semester	III			Effective From	June 2026 (For all batches admitted 2025 onwards)	
Course Code	BIID44305		Course Name	Building Information Modelling		
Course Type	Ability Enhancement Courses (AEC)			-		
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Total	CCE	SEE	Total
2	2	-	2	13/25	13/25	50

CCE: Continuous and Comprehensive Evaluation including 20% of Attendance, 80 % of Sincerity in attending classes/class tests/ timely submissions of assignments/self-learning attitude/solving advanced problems/periodic assessment conducted by institute.

SEE: Sem End Evaluation: Theory Exam or Jury/viva on practical skills learned in course. In case theory exams the question paper of minimum 50 marks (2hrs) will be drawn for evaluation.

The minimum passing head is 50%. it is rounded to 13 marks to avoid "E & O" (Errors and omissions) arising due to decimal value.

Prerequisite (if any): - As per semester progression rule of Sarvajani University /promotion eligibility.

List of Courses where this course will be prerequisite: - NA

Rationale: - 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.

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

Sr. No.	Description	No. of Hours
Unit 1	Exploring Software <ul style="list-style-type: none"> • Applicability of software • Learning tools and its application • Learn how to use Components and Modifiers, Compound Objects etc. 	04
Unit 2	Interior Space Modeling <ul style="list-style-type: none"> • Learning to create floor plans with all required, all required furniture, material, and all interior elements. • Introducing various wall, ceiling and floor elements with respective material finishes. 	12
Unit 3	Parametric Modeling <ul style="list-style-type: none"> • Learning tools for parametric furniture design 	08
Unit 4	Rendering <ul style="list-style-type: none"> • Learn to set views • Learn to render animation 	08

Suggested Specification table for Evaluation:

Distribution of Evaluation					
R Level	U Level	A Level	N Level	E Level	C Level
5%	10%	20%	20%	20%	25%

Legends: R: Remembrance, U: Understanding; A: Apply, N: Analyze, E: Evaluate C: Create and above Levels (Revised Bloom's Taxonomy)

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the Final Evaluation may vary slightly from above table.

Reference Books:

Sr No	Title of book /article	Author(s)	Publisher and details like ISBN	Year of publication	Publication Edition
1	Mastering Autodesk Revit	Lance Kirby, Eddy Krygiel, Marcus Kim,	Wiley	2017	

Course Outcomes:

Sr. No.	CO statement	Marks % weightage
CO-1	Demonstrate proficiency in using Building Information Modelling tools (e.g., 3DS Max) to create and manipulate basic 3D models, components, and interior elements.	30%
CO-2	Develop detailed interior space models incorporating parametric elements, materials, and finishes to achieve accurate technical and visual representation.	30%
CO-3	Analyze and generate rendered visualizations and animations to evaluate spatial qualities, technical data, and presentation aspects of built and interior environments.	40%

List of Open learning website: (only suggestive)

List of Open Source Software: (only suggestive)

List of Exercises:

Sr. No.	Studio Exercises / Assignments for CCE
1	Software Exploration & 3D Form Development:(1) Create a series of basic and compound 3D forms using standard and extended primitives.(2) Apply modifiers (bend, taper, twist, ripple) to explore transformations.(3) Convert objects into editable mesh and spline forms.(4) Demonstrate use of compound objects and import CAD file.
2	Interior Space Modelling (Residential Unit): Develop a 3D model of a residential room/apartment from a given or self-created plan.Include: Walls, floors, ceilings, Doors, windows and Basic furniture layout Apply material finishes to all elements (flooring, wall textures, furniture surfaces).
3	Parametric Furniture Modelling: Design and model a parametric furniture unit (e.g., modular storage, parametric chair, adaptive table). Demonstrate:Variation in dimensions using parametric controls and Functional adaptability for different user needs Analyze its application in the design lifecycle (design to execution stage).
4	Rendering, Visualization & Working Drawing Set: To generate realistic visualizations and technical drawings representing a complete design proposal.

Year: B. ID II (Semester III)

MITRAJ SARVAJANIK INSTITUTE OF DESIGN, PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID	
Year	II			Version	1.0	
Semester	III			Effective From	June 2026 (For all batches admitted 2025 onwards)	
Course Code	BFEL15301	Course Name	Professional Elective 3A (Art Theory and Practices I)			
Course Type	Skill Enhancement (Elective) Course (SEC)					
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Total	CCE	SEE	Total
2	-	2	2	13/25	13/25	50

CCE: Continuous and Comprehensive Evaluation including 20% of Attendance, 80 % of Sincerity in attending classes/class tests/ timely submissions of assignments/self-learning attitude/solving advanced problems/periodic assessment conducted by institute.

SEE: Sem End Evaluation: Theory Exam or Jury/viva on practical skills learned in course, In case theory exams the question paper of minimum 50 marks (2hrs) will be drawn for evaluation.

The minimum passing head is 50%. it is rounded to 13 marks to avoid "E & O" (Errors and omissions) arising due to decimal value.

Prerequisite (if any): -As per semester progression rule of SarvajaniK University /promotion eligibility.

List of Courses where this course will be prerequisite: - NA

Rationale: - This course focuses on developing practical and creative skills through hands-on, studio-based learning. While elective topics may vary, the core aim is to strengthen students' ability to translate ideas into tangible outcomes using diverse materials, techniques, and processes.

Through varied electives, students engage in making, experimentation, and visual analysis, enhancing skills in form-making, material handling, storytelling, and design articulation. The domain bridges conceptual thinking with execution, supporting applications in architecture, interior design, and visual arts. Overall, it aims to build adaptable, skilled, and reflective practitioners through experiential learning.

For all electives offered under the domain Professional Elective 3A (Art Theory and Practices i), the above prescribed course code and course title shall remain common.

If the suggested elective course content overlaps with the core course of any bachelor programme, the expert/resource person shall design exercises or tasks that emphasize complementary and distinct aspects beyond those covered in the core course syllabus.

The topics under professional electives are subject to change depending on the availability of resource persons. However the domain for this elective will remain 'Art Theory and Practices I'.

Following is the list of tentative electives.

Professional Elective 3A (Art Theory and Practices I):

- **Assemblage Art**
- **History of Civilisation/Art/Style**
- **Relief Printing**
- **Basics of Animation**
- **Paper Sculpture**

Description of course

Assemblage Art

This elective introduces students to assemblage as a creative process of composing three dimensional works from found objects, discarded materials, and everyday artefacts, encouraging them to see design potential in the ordinary. Through studio based explorations, learners experiment with material juxtaposition, scale, texture, and narrative to construct conceptual and spatial compositions relevant to interiors, architecture, and visual art. The course emphasizes hands-on making, quick prototyping, and critical reflection so that students develop confidence in translating abstract ideas into tangible form. By the end of the semester, students will have produced a series of small and medium scale assemblages that demonstrate sensitivity to composition, context, and meaning in built and visual environments.

History of Civilisation / Art / Style

This elective offers an overview of key civilisations and their artistic and stylistic expressions, tracing how social, cultural, technological, and spiritual forces have shaped visual and spatial forms over time. Students engage with selected case studies from ancient to modern periods, examining architecture, interiors, visual arts, and design objects as interconnected cultural artefacts rather than isolated works. Classroom discussions and visual analyses train students to identify major styles, motifs, and compositional principles, and to relate them to contemporary design practice. The course builds a foundational visual vocabulary and historical awareness that enriches creative decision making in architecture, interior design, and visual arts.

Relief Printing

This elective introduces the fundamentals of relief printing as a process based art and design technique, focusing on carving, inking, and printing from raised surfaces such as linoleum, wood, or experimental materials. Students learn to translate their drawings and design ideas into graphic prints, exploring positive negative relationships, repetition, pattern, and texture for application in spatial graphics, surface design, and visual communication. Through iterative exercises and small projects, they develop control over tools and materials, understand registration and editioning, and experiment with colour layering. The course strengthens hand skills, visualisation, and patience, while demonstrating how a traditional craft process can inform contemporary architectural, interior, and visual art practices.



Basics of Animation

This elective familiarizes students with the fundamental principles of animation, including timing, spacing, squash and stretch, anticipation, and basic storytelling through moving images. Using simple analog and digital tools, learners create short sequences that explore motion, transformation, and narrative in relation to characters, objects, and spaces. The focus is on visual thinking, storyboarding, and iterative experimentation rather than software mastery, allowing students from architecture, interior design, and visual arts to apply animation as a tool for communicating atmosphere, user experience, and conceptual ideas. By the end of the course, students will have produced brief animated clips that demonstrate control of movement, rhythm, and visual expression.

Paper Sculpture

This elective explores paper as a versatile medium for three dimensional thinking, structural experimentation, and rapid prototyping. Students engage with techniques such as folding, cutting, scoring, layering, and modular construction to create sculptural forms, surface systems, and small scale spatial models. The course emphasizes understanding of form structure, light and shadow, and transformation from 2D to 3D, encouraging applications ranging from conceptual art pieces to exploratory models for interiors and architectural components. Through a series of progressively complex exercises, students enhance their manual dexterity, material sensitivity, and ability to communicate ideas through physical models.

Content:

Sr. No.	Description	No. of Hours
Based on the topic offered the units will be detailed out by the concerned faculty considering following suggestive guidelines...		
Unit 1	Concept Development / Ideation	6
Unit 2	Process Work / Exploration (Studio Work, Iterations, Experimentation)	10
Unit 3	Skill / Technique / Material Handling	6
Unit 4	Final Outcome / Product / Prototype / Presentation (Verbal / Visual / Documentation)	10

Suggested Specification table for Evaluation:

Distribution of Evaluation					
R Level	U Level	A Level	N Level	E Level	C Level
5%	15%	25%	15%	10%	30%

Legends: R: Remembrance, U: Understanding, A: Apply, N: Analyze, E: Evaluate C: Create and above Levels (Revised Bloom’s Taxonomy)



Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the final evaluation may vary slightly from the above table.

Reference Books:

Sr No	Title of book /article	Author(s)	Publisher and details like ISBN	Year of publication	Publication Edition
Note:	<i>The respective course faculty will determine and recommend reference materials according to the specific requirements of the course content.</i>				

Course Outcomes:

Sr. No.	CO statement	Marks % weightage
CO 1	Students will demonstrate enhanced hands on skills and material or media proficiency by creating resolved works or prototypes that translate conceptual ideas into tangible outcomes appropriate to their disciplinary context.	50%
CO 2	Students will apply creative and critical thinking to explore, experiment, and refine visual or spatial compositions, articulating their processes and decisions through basic verbal, written, or visual presentations.	50%

Use the same CO 1 and CO 2 for all five electives; intensity levels can be adjusted if needed at programme level.

List of Exercises:

Sr. No.	Studio Exercises/Assignments for CCE
1	<i>Exercises/assignments may vary periodically as per availability of resource person / subject expert.</i>

Important Note:

- For evaluation purposes the ERP will only contain the course code and course title with domain. No specification or mention will be made of the specific skill/ ability/ competence acquired after completion of the elective in the semester end results issued by the Sarvajanic University.
- Evaluation of Professional Electives shall be conducted by the designated faculty member or subject expert or the designated panel appointed as examiner by the Institute
- The evaluation framework may include, as appropriate:
 - Continuous assessment
 - Studio or workshop outputs



- Reports, portfolios, or presentations
- Applied projects or assignments
- The academic judgement of the evaluator and coordinator shall be final and binding, subject only to verification of procedural compliance. However, the Institute reserves the right to rationalize/neutralize the marks/grades/evaluation in view of fair and relative institutional standards of evaluation through jury/viva/group discussion/performance or any other mode found appropriate/suggested by the concerned designated faculty member or subject expert or the designated panel appointed as examiner by the Institute
- No standardised question paper shall be mandatory unless specifically prescribed.
- All decisions regarding electives, will remain the prerogative of the institute and appropriate decision for the same will be taken after due discussion in the elective committee meetings / IDPT I & R meetings/ACC meetings
- For further details, refer Standard Operating Manual(SOM) for Special Academic Components prepared for the programmes of MS-IDPT

Year: B. ID II (Semester III)

MITRAJ SARVAJANIK INSTITUTE OF DESIGN, PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID.	
Year	II			Version	1.0	
Semester	III			Effective From	June 2026 (For all batches admitted 2025 onwards)	
Course Code	BFEL16302	Course Name	Transdisciplinary Open Elective 3B (Financial Literacy)			
Course Type	Common Value Added (Elective) Course (VAC)			-		
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Total	CCE	SEE	Total
2	-	2	2	13/25	13/25	50

CCE: Continuous and Comprehensive Evaluation including 20% of Attendance, 80 % of Sincerity in attending classes/class tests/ timely submissions of assignments/self-learning attitude/solving advanced problems/periodic assessment conducted by institute.

SEE: Sem End Evaluation: Theory Exam or Jury/viva on practical skills learned in course. In case theory exams the question paper of minimum 50 marks (2hrs) will be drawn for evaluation.

The minimum passing head is 50%, it is rounded to 13 marks to avoid "E & O"(Errors and Omissions) arising due to decimal value.

Prerequisite (if any): - As per semester progression rule of Sarvajani University /promotion eligibility.

List of Courses where this course will be prerequisite: - N.A.

Rationale: Transdisciplinary electives in design education are designed to integrate knowledge across multiple disciplines, recognising that contemporary design challenges are influenced by interconnected factors. The Financial Literacy domain introduces students to essential financial knowledge and practical skills required for managing personal finances and navigating early professional practice. It integrates core areas such as banking, accounting, taxation, and insurance to build a holistic understanding of how financial systems function in everyday life and within creative and design-based careers.

The domain enables students to understand banking operations, savings, loans, and digital transactions; develop basic accounting skills for managing income, expenses, and project budgets; gain awareness of taxation, compliance, and financial documentation; and recognize insurance as a tool for managing risk and ensuring financial security. Through contextual examples from architecture, interior design, and visual arts practices, students learn how financial decisions impact cash flow, project management, and long-term stability.

Overall, the domain aims to develop financially aware, responsible, and self-reliant learners who can make informed decisions, handle basic financial processes, and integrate financial thinking into their personal lives and emerging professional roles.

For all electives offered under the domain Transdisciplinary Open Elective 3B (Financial Literacy), the above prescribed course code and course title shall remain common.

If the suggested elective course content overlaps with the core course of any bachelor programme, the expert/resource person shall design exercises or tasks that emphasize complementary and distinct aspects beyond those covered in the core course syllabus.

The topics under Transdisciplinary Open Elective are subject to change depending on the availability of resource persons. However the domain for this elective will remain 'Financial Literacy'.

Following is the list of tentative electives.

Transdisciplinary Open Elective 3B (Financial Literacy)

- Banking
- Basics of Accounting
- Basics of Taxation
- Insurance

Description of course

Banking

This elective introduces the role of the banking system in everyday life and professional practice under the broad domain of financial literacy for design and art students. It covers types of bank accounts, deposits, loans, digital banking, interest, basic documentation, and the relationship between individuals, businesses, and banks. Students learn how to plan simple savings strategies, understand education and housing loans, and interpret basic bank statements and charges relevant to student and early career contexts. Short case examples from architectural practice, interior projects, and creative freelancing highlight how banking choices impact cash flow, payments, and financial security for learners.

Basics of Accounting

This elective introduces fundamental accounting concepts needed to understand and manage small scale finances within the financial literacy domain. Students learn ideas such as assets, liabilities, income, expenses, profit, loss, and simple bookkeeping using examples of freelance work, studio projects, and small design or art practices. The course familiarizes them with basic financial statements, cash books, invoices, and receipts, and demonstrates how to track project related costs and earnings. By the end, students will be better prepared to read simple accounts, make informed decisions about project budgets, and appreciate the financial dimension of professional practice.

Basics of Taxation

This elective familiarizes students with the essentials of personal and small business taxation as part of financial literacy for emerging professionals. It introduces the idea of taxable income, basic slabs, common deductions, and the importance of maintaining records for salary, freelance fees, and small project earnings. Students gain an overview of indirect taxes in everyday transactions, and the compliance responsibilities that may arise when they work as independent designers or artists, or start small firms. Practical discussions and simplified examples show learners how to read basic tax related documents, avoid common mistakes, and understand the link between taxation, public services, and ethical citizenship.

Insurance

This elective introduces insurance as a tool for managing risk within the framework of financial literacy that is relevant to personal life and professional practice. It explains basic principles of risk, premium, coverage, and claim, and provides an overview of health, life, vehicle, property, and professional liability insurance. Through relatable scenarios, students examine how unexpected events can impact individuals, project sites, studios, or offices, and how appropriate insurance choices can reduce financial stress. The course helps students begin to plan for future security, understand policy documents at a basic level, and appreciate risk management as part of responsible professional practice.

Content:

Sr. No.	Description	No. of Hours
Based on the topic offered the units will be detailed out by the concerned faculty considering following suggestive guidelines...		
Unit 1	Basics of Financial Systems	8
Unit 2	Important financial Documents & Instruments, Transactions & Records	8
Unit 3	Financial Planning & Application	8
Unit 4	Financial Risk & Responsibility	8

Suggested Specification table for Evaluation:

Distribution of Evaluation					
R Level	U Level	A Level	N Level	E Level	C Level
15%	25%	25%	15%	10%	10%

Legends: R: Remembrance, U: Understanding, A: Apply, N: Analyze, E: Evaluate C: Create and above Levels (Revised Bloom’s Taxonomy)

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the final evaluation may vary slightly from the above table as per the elective opted by the student.

Reference Books:

Sr No	Title of book /article	Author(s)	Publisher and details like ISBN	Year of publication	Publication Edition
1.	<i>Note: The respective course faculty/instructor/expert will determine and recommend reference materials according to the specific requirements of the course content.</i>				

Course Outcomes:

Sr. No.	CO statement	Marks % weightage
CO 1	Students will be able to explain key concepts of financial literacy such as saving, budgeting, risk, and basic compliance, and relate them to their personal lives and future professional roles in design and visual arts.	50%
CO 2	Students will be able to apply fundamental financial literacy principles to simple scenarios involving personal finance or small design and art projects, making basic decisions about banking, accounting, taxation, or insurance.	50%

Use the same CO 1 and CO 2 for all five electives; intensity levels can be adjusted if needed at programme level.

List of Exercises:

Sr. No.	Studio Exercises/Assignments for CCE
1.	<i>Note: The exercises of transdisciplinary electives may be subject to periodic revision based on the availability of elective options, institutional priorities, and the academic or professional expertise of the faculty offering the course.</i>

Important Note:

- For evaluation purposes the ERP will only contain the course code and course title along with the domain. No specification or mention will be made of the specific skill/ ability/ competence acquired after completion of the elective in the semester end results issued by the Sarvajanic University.
- Evaluation of Transdisciplinary Open Electives shall be conducted by the designated faculty member or subject expert or the designated panel appointed as examiner by the Institute.
- Evaluation may include reflective assignments, participation, projects, presentations, or other suitable assessment tools aligned with learning objectives.
- The academic judgement of the evaluator and coordinator shall be final and binding, subject only to verification of procedural compliance. However, the Institute reserves the right to rationalize/neutralize the marks/grades/evaluation in view of fair and relative institutional standards of evaluation through jury/viva/group discussion/performance or any other mode found appropriate/suggested by the concerned designated faculty member or subject expert or the designated panel appointed as examiner by the Institute.



- No standardised question paper shall be mandatory unless specifically prescribed.
- All decisions regarding electives will remain the prerogative of the institute and appropriate decision for the same will be taken after due discussion in the elective committee meetings / IDPT I & R meetings/ACC meetings
- For further details, refer Standard Operating Manual(SOM) for Special Academic Components prepared for the programmes of MS-IDPT

Year: B.ID II (Semester IV)

MITRAJ SARVAJANIK INSTITUTE OF DESIGN, PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID	
Year	II			Version	4.0	
Semester	IV			Effective From	June 2026(For all batches admitted 2025 onwards)	
Course Code	BIID41401	Course Name		Utility/ Hospitality Studio		
Course Type	Major			-		
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Total	CCE	SEE	Total
8	-	8	8	50/100	50/100	200

CCE: Continuous and Comprehensive Evaluation including 20% of Attendance, 80 % of Sincerity in attending classes/class tests/ timely submissions of assignments/self-learning attitude/solving advanced problems/periodic assessment conducted by institute.

SEE: Sem End Evaluation: Theory Exam or Jury/viva on practical skills learned in course. In case theory exams the question paper of minimum 50 marks (2hrs) will be drawn for evaluation.

Prerequisite (if any): - As per semester progression rule of Sarvajani University ,promotion eligibility.

List of Courses where this course will be a prerequisite: - N.A.

Rationale: 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. This studio will introduce a design thinking process to find solutions for the utilitarian nature of spaces in the built environment. The studio will also emphasize on teaching the detailing and representation of the proposed design. 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.

Content:

Sr. No.	Description	No. of Hours
Unit I	Synthesis in Form, space and Design <ul style="list-style-type: none"> Study of various spatial forms of design as per given nature of the project to understand its complexity and efficiency. 	24



	<ul style="list-style-type: none"> Focus on learning various standard space optimisation strategies in design with respect to probable projects like hotels, banks, corporate spaces, health care centres etc. 	
Unit 2	<ul style="list-style-type: none"> Explorations of innovative forms within the spaces from various scales of components as a form of design expression. Designing and detailing with respect to appropriate materials and finishes, construction and services. 	24
Unit 3	<p>Exploring Utilitarian Mannerisms in Interior design</p> <ul style="list-style-type: none"> Understanding the current trends in Utilitarian public spaces to derive more innovative solutions for the future. Exploration of dynamism in interior space design with respect to projects like restaurants, hospitality spaces, schools, multifunctional studios, co-working offices etc. 	40
Unit 5	<p>Approach To Visual expressions</p> <ul style="list-style-type: none"> Focus on exploring new aspects of design to create more effective environments in commercial/public spaces. Designing and detailing with respect to appropriate materials and finishes, construction and services. 	40

Suggested Specification table for Evaluation:

Distribution of Evaluation					
R-Level	U Level	A Level	N Level	E Level	C Level
10%	15%	20%	15%	10%	30%

Legends: R: Remembrance, U: Understanding, A: Apply, N: Analyze, E: Evaluate C: Create and above Levels (Revised Bloom's Taxonomy)

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the final evaluation may vary slightly from the above table.

Reference Books:

Sr. No.	Title of Book / Article	Author(s)	Publisher and Details / ISBN	Year of Publication	Edition
1	Hospitality Design for the Graying Generation	Alfred Baucom	John Wiley & Sons, Hoboken, New	2011	1st Edition



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SARVAJANIK UNIVERSITY
Faculty of Architecture, Design, Planning and
Technology
Bachelor of Interior Design



			Jersey, ISBN: 9780470501314		
2	Office Space Planning: Designs for Tomorrow's workplace	Joanna EleyAlexi Marmot	John Wiley & Sons, New York, ISBN: 9780471285527	2000	1st Edition
3	Principles of Two- Dimensional Design	Wucius Wong	Wiley, ISBN: 9780471285053	1972	1st Edition
4	Hospital Interior Architecture: Creating Healing environments for patients	Jain Malkin	Dover Publications, ISBN: 9780486257426	1992	1st Edition
5	Detail in Contemporary Hotel Design	Olga Reid. Drew Plunkett.	Watson-Guptill, ISBN: 9780823041028	2013	1st Edition
6	Architecture: Form. Space and Order	Francis D. K. Ching	John Wiley & Sons. ISBN: 9781118745083	2012	3rd Edition
9	The Theory of Architecture– Concepts & Themes	Paul-Alan Johnson	Van Nostrand Reinhold. ISBN: 9780442003498	1994	3rd Edition
10	Elements of Architecture – From Form to Place	Peter von Meiss	Routledge, New York, ISBN: 9780419224307	1998	1st Edition

Course Outcomes:

Sr. No.	CO statement	Marks % weightage
CO-1	Understand different types of utility-based projects and design optimisation for the same	10%
CO-2	Study and analyse existing design trends and typologies for inculcating better understanding of the programmatic content of the project.	20%
CO-3	Synthesise principles and elements of spatial design with programmatic requirements and thereby to achieve a defined design language.	20%
CO-4	Understand materials, finishes and its application to create a visually pleasing and functionally efficient interior environment.	25%
CO-5	Learn integration of functional and aesthetic values in design to achieve the finest performance of the space.	25%

Modified and approved in April 2026, applicable to all the batches admitted from AY 2025 onwards





List of Open learning website:

1. Designboom
2. Dezeen
3. IDEO U
4. Bureau of Indian Standards

List of Open Source Software: N.A.

List of Exercises:

Sr. No.	Studio Exercises/Assignments for CCE
1	<p>Space Optimization Study Select a utility-based project (hotel, bank, or healthcare center) and analyze its spatial layout.</p> <ul style="list-style-type: none"> • Identify zoning, circulation, and functional areas. • Suggest improvements using space optimization strategies. • Present through diagrams and a short report.
2	<p>Design Proposal with Visual Expression Design a small-scale commercial/public interior space.</p> <ul style="list-style-type: none"> • Create layout plans, 3D views, and visual representations. • Focus on integrating functionality with aesthetics. • Emphasize innovative design solutions and presentation quality.
3	<p>Material and Detailing Board</p> <ul style="list-style-type: none"> • Develop a material board for a selected interior project. • Include finishes, textures, construction details, and services. • Justify material selection based on function and aesthetics. • Show technical detailing sketches.

Year: B.ID II (Semester IV)

MITRAJ SARVAJANIK INSTITUTE OF DESIGN, PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID	
Year	II			Version	4.0	
Semester	IV			Effective From	June 2026 (For all batches admitted 2025 onwards)	
Course Code	BIID41402	Course Name	Interior Materials System and Services II			
Course Type	Major					
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Total	CCE	SEE	Total
4	4	-	4	25/50	25/50	100

CCE: Continuous and Comprehensive Evaluation including 20% of Attendance. 80 % of Sincerity in attending classes/class tests/ timely submissions of assignments/self-learning attitude/solving advanced problems/periodic assessment conducted by institute.

SEE: Sem End Evaluation: Theory Exam or Jury/viva on practical skills learned in course. In case theory exams the question paper of minimum 50 marks (2hrs) will be drawn for evaluation.

Prerequisite (if any): - As per semester progression rule of Sarvajani University /promotion eligibility.

List of Courses where this course will be prerequisite: - NA

Rationale: 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.

Content:

Sr. No.	Description	No. of Hours
Unit 1	<p>Metals</p> <ul style="list-style-type: none"> Comprehensive study of various types of metals (aluminium, copper, brass, zinc, lead), focusing on their properties, characteristics, and manufacturing processes. Exploration of the versatility of metals and their diverse forms of availability for applications in interior design, including panels, sandwich panels, 	12



	<p>plates, fixtures and fittings for openings, partitions, ceilings, flooring, wall cladding, furniture, and installations.</p> <ul style="list-style-type: none"> • Critical understanding of methods and techniques for working with metals, along with a study of surface finishes and treatment processes applied to metal materials. 	
Unit 2	<p>Glass</p> <ul style="list-style-type: none"> • Comprehensive study of 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
Unit 3	<p>Gypsum</p> <ul style="list-style-type: none"> • 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 	8
Unit 4	<p>Polymer based material</p> <ul style="list-style-type: none"> • 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. 	8
Unit 5	<p>Systems and Applications</p> <ul style="list-style-type: none"> • 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) 	12
Unit 6	<p>Electrification and HVAC</p> <ul style="list-style-type: none"> • 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 	12





	<p>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.</p> <ul style="list-style-type: none"> • 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 Different types of heating-ventilating systems, its components and installation methods. Different types of Airconditioning systems, its components and installation methods. Preparation of HVAC layout and integration with overall design 	
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Suggested Specification table for Evaluation:

Distribution of Evaluation					
R Level	U Level	A Level	N Level	E Level	C Level
25%	25%	20%	10%	10%	10%

Legends: R: Remembrance, U: Understanding; A: Apply, N: Analyze. E: Evaluate C: Create and above Levels (Revised Bloom’s Taxonomy)

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the Final Evaluation may vary slightly from above table.

Reference Books:

Sr. No.	Title of Book / Article	Author(s)	Publisher Details & ISBN	Year of Publication	Publication Edition
1	Building Construction Illustrated	Frank (Francis D.K.) Ching	John Wiley & Sons, Inc., Hoboken, New Jersey. ISBN: 9781118458341	2014	5th Edition
2	Building Structures Illustrated: Patterns, Systems, and Design	Frank (Francis D.K.) Ching, Barry S. Onouye, Douglas Zuberbuhler	John Wiley & Sons, Inc., Hoboken, New Jersey. ISBN: 9780470187857	2009	1st Edition
3	Building Construction, Volume 1 to 5	R. Barry	Blackwell Science Ltd., Oxford. ISBN:	1999	Multiple Editions





			Varies by volume (e.g., 0632040341 for Volume 1)		
4	Mitchell's Elementary Building Construction	R. Moxley	B. T. Batsford Ltd., London. ISBN: Not available	1961	Revised Edition
5	Building Construction	Sushil Kumar	Standard Publishers, Delhi. ISBN: 9788180141191 (approx.)	2003	19th Edition
6	Civil Engineering Construction Materials	S.K. Sharma	Khanna Publishing, New Delhi. ISBN: 9788174092314 (approx.)	Not specified	Revised Edition
7	Manual of Tropical Housing and Building – Part I – Climatic Design	Otto Koenigsberger H.	Universities Press, India. ISBN: 9788173713372	1975	1st Edition

Course Outcomes:

Sr. No.	CO statement	Marks % weightage
CO-1	Analyze and evaluate a wide range of materials, their properties, forms, and applications in interior space design.	35%
CO-2	Examine and apply the versatility of materials by exploring multiple uses of a single material and designing interior elements using different material alternatives with sensitivity to aesthetic outcomes.	35%
CO-3	Develop efficient lighting design solutions by understanding principles of illumination and preparing appropriate lighting layouts for interior spaces.	15%
CO-4	Integrate building services into interior design by preparing electrical layouts and demonstrating an understanding of HVAC systems and their technical coordination within interior environments.	15%

List of Open learning website: (only suggestive)

- 1) MaterialDistrict
- 2) Architonic

List of Open Source Software: (only suggestive)

- 3) Blender
- 4) QCAD
- 5) OpenStudio
- 6) EnergyPlus

List of Exercises:

Sr. No.	Studio Exercises / Assignments for CCE
1	<p>Comprehensive Material Exploration & Application Portfolio - Prepare a material portfolio (A3 sheets/digital) covering:</p> <ul style="list-style-type: none"> • Physical and chemical properties • Manufacturing processes, Forms and sizes available • Interior applications (walls, ceilings, partitions, furniture) • Advantages, limitations, and cost considerations • Include case studies (minimum 2) demonstrating innovative material usage <p>Develop sample boards/material swatches (physical or visual)</p>
2	<p>Multi-Material Component Design Study - Select one interior element (e.g., partition, shelving unit, ceiling panel)</p> <p>Design the same element using at least three different materials (e.g., metal, glass, gypsum, acrylic)</p> <p>Prepare:</p> <ul style="list-style-type: none"> • Concept sketches • Material justification • Visualizations (renders or models) <p>Analyze how each material affects: Aesthetics</p> <ul style="list-style-type: none"> • Structural behavior • Cost and feasibility
3	<p>Interior Systems Design & Detailing Assignment - Design a small interior space (residential/commercial) focusing on: Ceiling system</p> <ul style="list-style-type: none"> • Partition system • Wall paneling <p>Use a combination of metals, glass, gypsum, and polymers</p> <p>Prepare: Detailed plans, sections, and elevations</p> <ul style="list-style-type: none"> • Exploded construction details (fixing methods, joints, layers) • Material specifications and finishes



Table with 2 columns: ID and Description. Row 4: Lighting Design & Electrical Layout - select a functional space (e.g., office, retail, residence). Design: Lighting layout (ambient, task, accent lighting). Prepare: Electrical layout showing wiring, switchboards, DB, sockets, etc. Row 5: HVAC Integration & Services Coordination Project - Study different HVAC systems (split, VRV, central systems). Select an appropriate system for a given interior space. Prepare: HVAC layout (ducting, vents, returns).



Year: B.ID II (Semester IV)

MITRAJ SARVAJANIK INSTITUTE OF DESIGN, PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID	
Year	II			Version	4.0	
Semester	IV			Effective From	June 2026 (For all batches admitted 2025 onwards)	
Course Code	BIID42403		Course Name	Furniture and Product Design II		
Course Type	Minor			-		
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Total	CCE	SEE	Total
4	-	4	4	25/50	25/50	100

CCE: Continuous and Comprehensive Evaluation including 20% of Attendance, 80 % of Sincerity in attending classes/class tests/ timely submissions of assignments/self-learning attitude/solving advanced problems/periodic assessment conducted by institute.

SEE: Sem End Evaluation: Theory Exam or Jury/viva on practical skills learned in course. In case theory exams the question paper of minimum 50 marks (2hrs) will be drawn for evaluation.

Prerequisite (if any): - As per semester progression rule of Sarvajani University /promotion eligibility.

List of Courses where this course will be prerequisite: - NA

Rationale: -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. The interventions shall integrate design by understanding behaviour of humans and subsequently designing suitable furniture & products in commercial/institutional/public spaces.

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.

Content:

Sr. No.	Description	No. of Hours
Unit 1	Foundations of Furniture & Product Design Introduction to furniture and product typologies in interior spaces, focusing on design principles, spatial relationships, anthropometry, ergonomics, materials, finishes, and basic joinery systems.	12



Unit 2	Concept Development & Prototyping Exploration of design ideas through research and creative thinking, including modular, flexible, and foldable furniture systems, with hands-on model making and prototyping techniques.	12
Unit 3	Digital Design Development & Technical Integration Application of CAD and visualization tools for design development, including 2D/3D drawings, technical detailing, and integration of materials, structure, and mechanisms.	24
Unit 4	Product Realisation & Marketability Refinement of design into market-ready products, focusing on detailing, budgeting, feasibility, prototyping, and professional presentation aligned with industry practices.	16

Suggested Specification table for Evaluation:

Distribution of Evaluation					
R Level	U Level	A Level	N Level	E Level	C Level
5%	20%	20%	20%	5%	30%

Legends: R: Remembrance, U: Understanding; A: Apply, N: Analyze, E: Evaluate C: Create and above Levels (Revised Bloom's Taxonomy)

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the Final Evaluation may vary slightly from above table.

Reference Books:

Sr No	Title of Book / Article	Author(s)	Publisher and Details	ISBN	Year of Publication	Publication Edition
1.	Furniture Design	Jim Postell	John Wiley & Sons	9780470120997	2007 2012	1st Edition 2nd Edition
2.	Human Dimension and Interior Space: A Source Book of Design Reference Standards	Julius Panero & Martin Zelnik	Watson-Guptill	9781118090787	1979	1st Edition



3.	Form, Space and Order	Francis D. K. Ching	John Wiley & Sons	9780 8230 7271 8	2014	4th Edition
4.	Architectural Graphic Standards	Dennis J. Hall, Nina M. Giglio	John Wiley & Sons	9780 4700 8546 3	2015	11th Edition

Course Outcomes:

Sr. No.	CO statement	Marks % weightage
CO-1	Analyze and interpret furniture and product typologies in commercial utilitarian / public interior spaces by applying principles of design, anthropometry, ergonomics, materials, and joinery systems.	30%
CO-2	Develop innovative and functional furniture/product designs by exploring modularity, flexibility, mechanisms, and prototyping through creative and critical thinking.	40%
CO-3	Apply digital tools and technical knowledge to design, detail, and present market-ready furniture/products, integrating user needs, aesthetics, and cost considerations.	30%

List of Open learning website: NA

List of Open Source Software: NA

List of Exercises:

Sr. No.	Studio Exercises / Assignments for CCE
1	<p>Furniture Typology & User-Centric Analysis - Select a utility-based interior space (hospitality/commercial/institutional) Identify and document minimum 5 furniture/product elements Analyze each in terms of:</p> <ul style="list-style-type: none"> • Function and spatial relationship • Anthropometry and ergonomics • Materials, finishes, and joinery <p>Redesign one selected element to improve functionality and user comfort</p>

Modified and approved in April 2026, applicable to all the batches admitted from AY 2025 onwards



2	<p>Modular & Transformable Furniture Design - Design a modular / foldable / retractable furniture system for a compact or multifunctional space Integrate:</p> <ul style="list-style-type: none"> • Movement mechanisms (sliding, folding, stacking, etc.) • Material selection and structural logic <p>Develop: Concept sketches and diagrams</p> <ul style="list-style-type: none"> • Working principle illustrations • Scaled model/prototype
3	<p>Digital Design Development & Technical Detailing - Select a furniture/product design (from Exercise 1 or 2) Develop using CAD/3D software:</p> <ul style="list-style-type: none"> • 2D drawings (plans, elevations, sections) • 3D model and rendered views <p>Prepare detailed drawings including:</p> <ul style="list-style-type: none"> • Joinery details • Material specifications • Assembly/exploded views
4	<p>Market-Ready Furniture Design & Prototype Presentation - Refine a selected design into a market-ready product Include:</p> <ul style="list-style-type: none"> • Design detailing and material finishes • Cost estimation and basic budgeting • Target user and market analysis <p>Develop a working model/prototype Prepare a professional presentation (portfolio/board)</p>



Year: B.ID II (Semester IV)

MITRAJ SARVAJANIK INSTITUTE OF DESIGN, PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID	
Year	II			Version	4.0	
Semester	IV			Effective From	June 2026 (For all batches admitted 2025 onwards)	
Course Code	BIID42404		Course Name	History of Interior Design II		
Course Type	Minor					
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Total	CCE	SEE	Total
2	2	-	2	13/25	13/25	50

CCE: Continuous and Comprehensive Evaluation including 20% of Attendance. 80 % of Sincerity in attending classes/class tests/ timely submissions of assignments/self-learning attitude/solving advanced problems/periodic assessment conducted by institute.

SEE: Sem End Evaluation: Theory Exam or Jury/viva on practical skills learned in course. In case theory exams the question paper of minimum 50 marks (2hrs) will be drawn for evaluation.

The minimum passing head is 50%, it is rounded to 13 marks to avoid "E & O" (Errors and omissions) arising due to decimal value.

Prerequisite (if any): -As per semester progression rule of SarvajaniK University /promotion eligibility.

List of Courses where this course will be prerequisite: - N.A.

Rationale: - The emphasis is on movements central to the periods of European Renaissance and Enlightenment, formulation of new space and furniture 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 18th century onwards with focus on major artistic movements & furniture developments central to the Industrial era with design principles and analysis. The course also examines the advent of Islam and its influence in Indian building forms.

Content:

Sr. No.	Description	No. of Hours
Unit 1	Renaissance - Post Renaissance in West <ul style="list-style-type: none"> • Renaissance Architecture and Furniture • Baroque Architecture and Furniture • Rococo Architecture and Furniture 	8
Unit 2	Influential styles in West <ul style="list-style-type: none"> • Neoclassical Architecture and Furniture • Empire style Furniture • Art Nouveau Architecture and Furniture 	8

Unit 3	Sultanate and Mughal period in India & around- (IKS)* <ul style="list-style-type: none"> Ornamentation, finishes & interior elements in Sultanate & Mughal periods in India 	8
Unit 4	Building Jaipur in 18th Century- (IKS)* <ul style="list-style-type: none"> Jaipur Town Planning Understanding Interiors as cultural texts reflecting identity & aspiration. 	8

Suggested Specification table for Evaluation:

Distribution of Evaluation					
R Level	U Level	A Level	N Level	E Level	C Level
25%	25%	10%	20%	10%	10%

Legends: R: Remembrance, U: Understanding; A: Apply, N: Analyze, E: Evaluate C: Create and above Levels (Revised Bloom's Taxonomy)

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the Final Evaluation may vary slightly from above table.

Reference Books:

Sr No	Title of book /article	Author(s)	Publisher and details like ISBN	Year of publication	Publication Edition
1	An Introduction to art, craft, science, technique & profession of Interior Design.	Kasu Ahmed	Ashish Book Centre, Mumbai.	2005	1st edition
2	History of Interior Design & Furniture- From Ancient Egypt to Nineteenth Century Europe	John Wiley & Sons	Inc., New Jersey.	2006	6th edition
3	. History of Furniture – A Global View	Mark Hinchman	Fairchild Books, New York.	2009	1st edition
4.	A History of Interior Design	Laurence King Publishing, Canada.	Pile John &Gura Judith	2014	4th edition



5.	An Encyclopaedia of Furniture	Simon Yates	Quantum Books Ltd., London.	1997	6th edition
6.	The guide to the architecture of the Indian Subcontinent	Evans, Richard	Penguin Books Ltd	2016	revised edition
7.	The Age of Extremes: A History of the World. 1914-1991	Takeo Kamiya	Penguin Books Ltd	1994	1st edition

Course Outcomes:

Sr. No.	CO statement	Marks % weightage
CO-1	Identify and develop an overall understanding in the fields of diverse geographical world traditions, social-political-cultural factors, historical periods, works of art & space design, their producers, and users from renaissance to industrial era.	20%
CO-2	Recognize and understand the salient features of Renaissance, Baroque & Rococo style in succession (Neoclassical, Empire, Art Nouveau etc) with reference to furniture characteristics & typologies.	30%
CO-3	Understand significance of Islamist expression in the Indian subcontinent through its decorative arts.	25%
CO-4	Understand planning principles' adoption in India through Built forms.	25%

List of Open learning website: (only suggestive)

- . Khan Academy
- a. FutureLearn
- b. Open Yale Courses – (oyc.yale.edu)

List of Open Source Software: (only suggestive)

List of Exercises:

Sr. No.	Studio Exercises /Suggestive Assignments for CCE
1	Create a presentation based on characteristics of Architecture/Interior/Furniture and elements of space making on the given topic within the given historical time frame.
2	Prepare scaled drawings of the selected examples: Plans, Sections, Elevations and details of elements of space making.
3	Make scaled models of the selected examples showing characteristics of interior spaces, elements, furniture, decor and ornamentation of the given historical period.

Year: B.ID II (Semester IV)

MITRAJ SARVAJANIK INSTITUTE OF DESIGN, PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID.	
Year	II			Version	1.0	
Semester	IV			Effective From	June 2026	
Course Code	BFGN13401		Course Name	Liberal Studies & Life Skills IV (Cognitive Skills) (For all batches admitted 2025 onwards)		
Course Type	Multidisciplinary/Interdisciplinary			-		
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Total	CCE	SEE	Total
2	2	-	2	13/25	13/25	50

CCE: Continuous and Comprehensive Evaluation including 20% of Attendance, 80 % of Sincerity in attending classes/class tests/ timely submissions of assignments/self-learning attitude/solving advanced problems/periodic assessment conducted by institute.

SEE: Sem End Evaluation: Theory Exam or Jury/viva on practical skills learned in course. In case theory exams the question paper of minimum 50 marks (2hrs) will be drawn for evaluation.

The minimum passing head is 50%, it is rounded to 13 marks to avoid "E & O" (Errors and omissions) arising due to decimal value.

Prerequisite (if any): -As per semester progression rule of SarvajaniK University /promotion eligibility.

List of Courses where this course will be prerequisite: - N.A.

Rationale: -This course develops essential understanding of Artificial Intelligence and Digital Literacy for contemporary learners. It introduces basic AI concepts such as data, algorithms, machine learning, and automation through simple, design-related examples, while also addressing applications, limitations, and ethical concerns like bias, privacy, and authorship. Alongside, it builds practical digital skills including effective use of digital platforms, file and data management, cloud collaboration, cybersecurity awareness, and critical evaluation of online information. The course emphasizes responsible use of technology, organized digital workflows, and the application of digital tools for research, communication, and portfolio development in academic and professional contexts

This domain based structure is intended to encourage cross disciplinary engagement, and thematic continuity beyond core disciplinary boundaries.

The topics under Liberal Studies & Life Skills IV are subject to change under the availability of resource persons. However the domain for this course will remain 'Cognitive Skill'.

Following is the list of tentative modules.

Liberal Studies & Life Skills IV (Cognitive Skills)

- Fundamental of Artificial Intelligence
- Digital Literacy

Additional potential topics can be offered time to time



Description of course

Fundamentals of Artificial Intelligence (Cognitive domain)

This Liberal Studies & Life Skills module introduces the fundamental ideas of Artificial Intelligence and how they shape everyday digital tools, creative work, and design processes. Students explore basic concepts such as data, algorithms, machine learning, pattern recognition, and automation through simple, non-technical examples relevant to architecture, interiors, and visual arts. The course discusses opportunities and limitations of AI in areas like image generation, form-finding, analysis, and decision support, alongside concerns of bias, privacy, authorship, and ethics. Through short activities, demonstrations, and reflective tasks, learners develop informed curiosity about AI, learning to question, interpret, and responsibly use AI-enabled tools in their academic and professional life.

Digital Literacy (Cognitive domain)

This Liberal Studies & Life Skills module focuses on building practical digital literacy as a core cognitive and life skill for contemporary learners and professionals. Students learn to navigate digital platforms effectively, manage files and data, use cloud and collaboration tools, and practice safe and responsible behaviour online. The course includes critical reading of online information, basic understanding of digital footprints and cybersecurity hygiene, and thoughtful use of social media and communication apps in academic and professional contexts. Emphasis is placed on organizing digital work, backing up and sharing content, and using digital tools to support research, visual communication, and portfolio development.

Content:

Sr. No.	Description	No. of Hours
Based on the topic offered the units will be detailed out by the concerned faculty considering following suggestive guidelines...		
Unit 1	Foundations and Applications of AI Introduction to AI, core concepts (data, algorithms, machine learning, pattern recognition, automation), and applications in architecture, interiors, and visual arts such as image generation, generative design, and decision support.	8
Unit 2	Critical Understanding and Responsible Use of AI Opportunities and limitations of AI; human-AI interaction; issues of bias, privacy, authorship, intellectual property, and ethical use in academic and professional contexts with reflective engagement.	8
Unit 3	Digital Tools, Platforms, and Information Literacy Digital ecosystems, file management, cloud tools, collaboration platforms, communication tools, and critical evaluation of online information.	8
Unit 4	Digital Responsibility and Application in Academic Work	8

Modified and approved in April 2026, applicable to all the batches admitted from AY 2025 onwards



	Cybersecurity, digital footprints, safe online behaviour, ethical practices, and application of digital tools for research, organization, collaboration, and portfolio development.	
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Suggested Specification table for Evaluation:

Distribution of Evaluation					
R Level	U Level	A Level	N Level	E Level	C Level
10%	25%	20%	15%	15%	15%

Legends: R: Remembrance, U: Understanding; A: Apply, N: Analyze, E: Evaluate C: Create and above Levels (Revised Bloom's Taxonomy)

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the Final Evaluation may vary slightly from above table.

Reference Books:

Sr No	Title of book /article	Author(s)	Publisher and details like ISBN	Year of publication	Publication Edition
1	<i>The respective course faculty will determine and recommend reference materials according to the specific requirements of the course content.</i>				

Course Outcomes:

Sr. No.	CO statement	Marks % weightage
CO 1	Students will be able to explain key concepts related to contemporary digital technologies and information, and apply them to make more informed, critical, and efficient use of digital tools in their academic work.	50%
CO 2	Students will be able to demonstrate responsible and effective digital practices, including safe online behaviour, organized management of digital resources, and thoughtful use of technology to support learning, creativity, and collaboration.	50%

List of Open learning website: NA

List of Open Source Software: NA

List of Exercises:

Sr. No.	Studio Exercises / Assignments for CCE
1	<i>The respective course faculty will determine the exercises/assignments based on the topics offered and will convey the same to the students.</i>



Important Note:

- For evaluation purposes the ERP will only contain the course code and course title. Mention will be made of the domain acquired after completion of the course in the semester end results issued by the Sarvajani University.
- Evaluation of Liberal Studies and Life Skills shall be developmental and formative in nature, aligned with the objectives of the component.
Assessment methods may include:
 - Participation and engagement
 - Reflective journals or submissions
 - Group activities and exercises
 - Demonstrated competencies or behaviours

Quantitative grading shall be used only where appropriate and approved. Emphasis shall be placed on meaningful feedback rather than comparative ranking.

- The academic judgement of the evaluator and coordinator shall be final and binding, subject only to verification of procedural compliance. However, the Institute reserves the right to rationalize/neutralize the marks/grades/evaluation in view of fair and relative institutional standards of evaluation through jury/viva/group discussion/performance or any other mode found appropriate/suggested by the concerned designated faculty member or subject expert or the designated panel appointed as examiner by the Institute.
- No standardised question paper shall be mandatory unless specifically prescribed.
- All decisions regarding Liberal Studies & Life Skills, will remain the prerogative of the institute and appropriate decision for the same will be taken after due discussion in the elective committee meetings / MS IDPT I & R meetings/ACC meetings
- For further details, refer Standard Operating Manual(SOM) for Special Academic Components prepared for the programmes of MS-IDPT

Year: B.ID II(Semester IV)

MITRAJ SARVAJANIK INSTITUTE OF DESIGN, PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID	
Year	II			Version	4.0	
Semester	IV			Effective From	June 2026 (For all batches admitted 2025 onwards)	
Course Code	BIID44405		Course Name	Digital Presentation		
Course Type	Ability Enhancement Courses (AEC)			-		
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Total	CCE	SEE	Total
2	2	-	2	13/25	13/25	50

CCE: Continuous and Comprehensive Evaluation including 20% of Attendance, 80 % of Sincerity in attending classes/class tests/ timely submissions of assignments/self-learning attitude/solving advanced problems/periodic assessment conducted by institute.

SEE: Sem End Evaluation: Theory Exam or Jury/viva on practical skills learned in course. In case theory exams the question paper of minimum 50 marks (2hrs) will be drawn for evaluation.

The minimum passing head is 50%, it is rounded to 13 marks to avoid "E & O" (Errors and omissions) arising due to decimal value.

Prerequisite (if any): -As per semester progression rule of Sarvajani University /promotion eligibility.

List of Courses where this course will be prerequisite: - N.A.

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

Content: This introductory course is designed to introduce students to the basic functionality and user interface of Adobe InDesign & Adobe Premiere Pro.

- Overview & basic functionality of the User Interface
- InDesign Elements and Families
- Techniques of audio-visual editing.
- Print and audio-visual presentation in different formats.
- Usage of Audio visual editing tools.
- Different video editing techniques.
- Multimedia presentation in AV format.



Sr. No.	Description	No. of Hours
Unit 1	Software Exploration <ul style="list-style-type: none"> • Understanding applicability of software in various domain. • Learning basic tools and building a basic InDesign Document • Learn to analyse & use techniques to customise the workspace/ modify the layout • Learn to use various effects & to create graphics • Learning of user interface and tools. • Managing data for editing. • Learn to edit audio and video files. 	08
Unit 2	Fundamentals of composition & its integration in design <ul style="list-style-type: none"> • To know how pre-flight & package the design • Learn to use techniques to design aesthetically pleasing graphics/art/design which also could be integrated in the built environment. • Design concept and practical usage. 	12
Unit 3	Print and Audio Visual Presentation <ul style="list-style-type: none"> • Learn to use different data for presentation • Applying effects and transitions. • Different formats of video export. • Print portfolio submission composition and printing technique. 	12

Suggested Specification table for Evaluation:

Distribution of Evaluation					
R Level	U Level	A Level	N Level	E Level	C Level
5%	10%	20%	20%	20%	25%

Legends: R: Remembrance, U: Understanding; A: Apply, N: Analyze, E: Evaluate C: Create and above Levels (Revised Bloom's Taxonomy)

Note: *This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the Final Evaluation may vary slightly from above table.*

Reference Books:

Sr No	Title of book /article	Author(s)	Publisher details and ISBN	Year of publication	Publication Edition





1	Architectural Graphic Standards	Dennis J. Hall,	Wiley	March 20, 2016	
2	Form, Space, and Order	John Wiley & Sons		April 18, 2023	5th Edition

Course Outcomes:

Sr. No.	CO statement	Marks % weightage
CO-1	Understand elements of digital graphics and integrate graphics and art with design	25%
CO-2	Visualise and explore design graphically in abstraction and materiality simultaneously	25%
CO-3	Explore various mediums to express art	25%
CO-4	Visualise proper technical representation of graphics and design expressions in built forms	25%

List of Open learning website: (only suggestive)

- a) Adobe Education Exchange
- b) MIT OpenCourseWare
- c) edX

List of Open Source Software: (only suggestive)

- d) ADOBE Education Exchange
- e) OBS Studio
- f) OpenShot
- g) Inkscape

List of Exercises:

Sr. No.	Studio Exercises / Assignments for CCE
1	<p>InDesign Layout Creation</p> <ul style="list-style-type: none"> • Create a simple multi-page document using Adobe InDesign. • Design a 3–4 page layout including text, images, and graphics. • Apply basic composition principles and typography. • Prepare the document using pre-flight and package options for print.
2	<p>Audio-Visual Editing Task</p> <ul style="list-style-type: none"> • Develop a short video using Adobe Premiere Pro.





	<ul style="list-style-type: none"> • Edit clips, add transitions, and include audio. • Apply basic video editing techniques and effects. • Export the video in different formats suitable for presentation.
3	<p>Create a combined print and AV presentation for a design concept.</p> <ul style="list-style-type: none"> • Integrate graphics, images, and video content. • Use photo-editing and layout techniques to enhance visual quality. • Present the final work as a printed portfolio and a digital audio-visual output.



Year: B.ID II (Semester IV)

MITRAJ SARVAJANIK INSTITUTE OF DESIGN, PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID.	
Year	II			Version	1.0	
Semester	IV			Effective From	June 2026 (For all batches admitted 2025 onwards)	
Course Code	BFEL15401		Course Name	Professional Elective 4 A (Art Theory and Practices II)		
Course Type	Skill Enhancement (Elective) Course (SEC)					
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Total	CCE	SEE	Total
2	-	2	2	13/25	13/25	50

CCE: Continuous and Comprehensive Evaluation including 20% of Attendance, 80 % of Sincerity in attending classes/class tests/ timely submissions of assignments/self-learning attitude/solving advanced problems/periodic assessment conducted by institute.

SEE: Sem End Evaluation: Theory Exam or Jury/viva on practical skills learned in course. In case theory exams the question paper of minimum 50 marks (2hrs) will be drawn for evaluation.

The minimum passing head is 50%. it is rounded to 13 marks to avoid "E & O" (Errors and omissions) arising due to decimal value.

Prerequisite (if any): -As per semester progression rule of Sarvajani University /promotion eligibility.

List of Courses where this course will be prerequisite: - N.A.

Rationale: - Professional electives are structured to provide students with the opportunity to explore specialised areas of interest beyond the core curriculum, focusing on skill enhancement, thereby deepening their knowledge and competency in targeted domains. These electives emphasise flexibility and individual choice, allowing students to align their academic journey with personal career aspirations and evolving industry dynamics. By engaging with advanced topics, emerging trends and technologies, and real-world applications, students enhance their creative thinking, technical proficiency, and professional preparedness. The rationale for integrating professional electives lies in fostering a learner-centered approach that promotes adaptability, innovation, learner autonomy, skill enhancing engagements, and the integration of academic inquiry with evolving industry standards, practices and expectations

For all electives offered under the domain *Professional Elective 4A (Art Theory and Practices II)*, the above prescribed course code and course title shall remain common.

If the suggested elective course content overlaps with the core course of any bachelor programme, the expert/resource person shall design exercises or tasks that emphasize complementary and distinct aspects beyond those covered in the core course syllabus.

The topics under professional electives are subject to change depending on the availability of resource persons. However the domain for this elective will remain '(Art Theory and Practices II)'.



Following is the list of tentative electives.

Professional Elective 4A ((Art Theory and Practices II))

- **3D Printing**
- **Puppetry**
- **3D Animation**
- **Synergy with Structure from Architecture**
- **Film Making & Visual Effects**

Description of course

3D Printing

This elective introduces students to three dimensional digital fabrication as a bridge between conceptual design and physical prototyping. Learners move from basic 3D modelling workflows to preparing print ready files, understanding scale, tolerance, material behaviour, and simple assembly strategies. The course emphasizes iterative making, where students refine their models based on print outcomes, structural performance, and tactile feedback. Applications span from product and furniture components to small architectural or interior elements and sculptural visual art pieces, strengthening students' ability to think and communicate through precise three dimensional artefacts.

Puppetry

This elective explores puppetry as a powerful medium that combines form making, articulation, narrative, and performance. Students design and construct different kinds of puppets using accessible materials, learning basic mechanisms for movement and expression along with fundamentals of character development and storytelling. Sessions integrate drawing, model making, and simple staging to connect visual form with gesture, voice, and audience engagement. The course helps students translate spatial and visual ideas into time based experiences, useful for communicating design intent, community engagement, and narrative driven visual art.

3D Animation

This elective builds on foundational visual skills to introduce students to three dimensional animation as a tool for representing spaces, objects, and stories. Learners work with simple 3D assets to understand basic modelling, lighting, camera movement, and keyframe based animation, focusing on clarity of idea rather than software complexity. Short exercises guide them through creating animated sequences that communicate form, material, movement, and atmosphere, relevant to architectural walkthroughs, interior experience, and visual art narratives. The course strengthens spatial imagination, timing, and visual storytelling, and encourages students to integrate sound and editing for coherent outputs.

Synergy with Structure from Architecture

This elective focuses on understanding structure as an integral part of spatial and visual expression rather than a separate technical layer. Through simple models, diagrams, and case studies, students investigate how structural systems such as frames, shells, trusses, and tensile forms can inform proportion, rhythm, enclosure, and experience. Hands on explorations with

basic materials help learners intuit load paths, stiffness, and stability, while also discovering poetic and expressive potentials of structure. The course nurtures sensitivity to the dialogue between form and force, relevant to architectural design, interior elements, and sculptural visual arts.

Film Making & Visual Effects

This elective introduces the fundamentals of visual storytelling through moving image, including framing, composition, shot types, sound, and basic editing. Students plan and produce short films or video pieces that may document spaces, interpret narratives, or communicate design concepts, and then enhance them with simple visual effects to reinforce mood, scale, and atmosphere. Emphasis is placed on storyboarding, collaborative production, and clear visual intention rather than technical complexity. The course equips learners to use film as a medium for critique, documentation, and presentation in architecture, interior design, and visual arts.

Content:

Sr. No.	Description	No. of Hours
Based on the topic offered the units will be detailed out by the concerned faculty considering following suggestive guidelines...		
Unit 1	Concept Development / Ideation	6
Unit 2	Process Work / Exploration (Studio Work, Iterations, Experimentation)	10
Unit 3	Skill / Technique / Material Handling	6
Unit 4	Final Outcome / Product / Prototype / Presentation (Verbal / Visual / Documentation)	10

Suggested Specification table for Evaluation:

Distribution of Evaluation					
R Level	U Level	A Level	N Level	E Level	C Level
5%	15%	25%	15%	10%	30%

Legends: R: Remembrance, U: Understanding, A: Apply, N: Analyze, E: Evaluate C: Create and above Levels (Revised Bloom’s Taxonomy)

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the final evaluation may vary slightly from the above table.

Reference Books:

Sr No	Title of book /article	Author(s)	Publisher and details like ISBN	Year of publication	Publication Edition
Note:	<i>The respective course faculty will determine and recommend reference materials according to the specific requirements of the course content.</i>				

Course Outcomes:

Sr. No.	CO statement	Marks % weightage
CO 1	Students will demonstrate advanced hands-on and digital skills by conceiving and producing resolved artefacts or media outputs that translate design or artistic intentions into coherent, testable outcomes.	50%
CO 2	Students will integrate creative, analytical, and communicative abilities to plan, iterate, and present visual or spatial works, articulating their conceptual frameworks and technical decisions through appropriate visual and verbal means.	50%

Use the same CO 1 and CO 2 for all five electives; intensity levels can be adjusted if needed at programme level.

List of Exercises:

Sr. No.	Studio Exercises/Assignments for CCE
1	<i>Exercises/assignments may vary periodically as per availability of resource person / subject expert.</i>

Important Note:

- For evaluation purposes the ERP will only contain the course code and course title with domain. No specification or mention will be made of the specific skill/ ability/ competence acquired after completion of the elective in the semester end results issued by the Sarvajani University.
- Evaluation of Professional Electives shall be conducted by the designated faculty member or subject expert or the designated panel appointed as examiner by the Institute
- The evaluation framework may include, as appropriate:
 - Continuous assessment
 - Studio or workshop outputs
 - Reports, portfolios, or presentations
 - Applied projects or assignments

Modified and approved in April 2026, applicable to all the batches admitted from AY 2025 onwards



- The academic judgement of the evaluator and coordinator shall be final and binding, subject only to verification of procedural compliance. However, the Institute reserves the right to rationalize/neutralize the marks/grades/evaluation in view of fair and relative institutional standards of evaluation through jury/viva/group discussion/performance or any other mode found appropriate/suggested by the concerned designated faculty member or subject expert or the designated panel appointed as examiner by the Institute
- No standardised question paper shall be mandatory unless specifically prescribed.
- All decisions regarding electives, will remain the prerogative of the institute and appropriate decision for the same will be taken after due discussion in the elective committee meetings / IDPT I & R meetings/ACC meetings
- For further details, refer Standard Operating Manual(SOM) for Special Academic Components prepared for the programmes of MS-IDPT

Year: B.ID II (Semester IV)

MITRAJ SARVAJANIK INSTITUTE OF DESIGN, PLANNING & TECHNOLOGY						
Faculty	FADP&T			Programme	B.ID	
Year	II			Version	1.0	
Semester	IV			Effective From	June 2026 (For all batches admitted 2025 onwards)	
Course Code	BFEL16402		Course Name	Transdisciplinary Open Elective 4B (Indian Constitution and Legal System)		
Course Type	Common Value Added (Elective) Courses (VAC)		-			
Teaching Scheme				Examination Scheme		
Credits	Lecture	Studio	Total	CCE	SEE	Total
2	-	2	2	13/25	13/25	50

CCE: Continuous and Comprehensive Evaluation including 20% of Attendance. 80 % of Sincerity in attending classes/class tests/ timely submissions of assignments/self-learning attitude/solving advanced problems/periodic assessment conducted by institute.

SEE: Sem End Evaluation: Theory Exam or Jury/viva on practical skills learned in course. In case theory exams the question paper of minimum 50 marks (2hrs) will be drawn for evaluation.

The minimum passing head is 50%. it is rounded to 13 marks to avoid "E & O" (Errors and omissions) arising due to decimal value.

Prerequisite (if any): - As per semester progression rule of Sarvajanik University /promotion eligibility.

List of Courses where this course will be prerequisite: - N.A.

Rationale: - The domain of *Indian Constitution & Legal System* introduces students to the foundational principles, institutions, and processes that govern democratic life and public decision-making in India. It provides an understanding of the Constitution of India as the supreme framework that defines rights, duties, governance structures, and the relationship between citizens and the state.

The domain covers key aspects such as constitutional values, fundamental rights and duties, the structure and functioning of the legislature, executive, and judiciary, as well as legal mechanisms like judicial review and the Right to Information. It also highlights how laws and legal interpretations influence issues related to land, environment, culture, public spaces, and professional practice.

This domain builds awareness of legal and ethical responsibilities, enabling them to engage with communities, public institutions, and shared environments in a more informed, inclusive, and responsible manner.

For all electives offered under the domain Transdisciplinary Open Elective 4B (India Constitution and Legal System), the above prescribed course code and course title shall remain common.

If the suggested elective course content overlaps with the core course of any bachelor programme, the expert/resource person shall design exercises or tasks that emphasize complementary and distinct aspects beyond those covered in the core course syllabus.



The topics under Transdisciplinary Open Elective are subject to change depending on the availability of resource persons. However the domain for this elective will remain 'India Constitution and Legal System'.

Following is the list of tentative electives..

Transdisciplinary Open Elective 4B (India Constitution and Legal System)

- **Indian Constitution**
- **Indian Judiciary**
- **Fundamental Rights**
- **RTI**

Description of course

Indian Constitution

This elective introduces the historical evolution, philosophy, and basic structure of the Indian Constitution, within the domain of India Constitution and Legal System, with a focus on its relevance to citizens and future professionals. Students study key features such as the Preamble, Union and State structure, separation of powers, federalism, directive principles, and constitutional amendments through cases and contemporary examples. Emphasis is placed on how constitutional values like justice, liberty, equality, and fraternity inform public policy, rights based planning, and inclusive development of settlements and cultural spaces. The course helps students relate these foundations to their roles as responsible professionals working with communities, public institutions, and shared environments.

Indian Judiciary

This elective familiarizes students with the structure, functions, and processes of the Indian judiciary as a key pillar of the India Constitution and Legal System. It covers the hierarchy of courts, jurisdiction, judicial review, public interest litigation, and the roles of judges, lawyers, and other legal actors, along with selected landmark judgments that have shaped public life. Discussions highlight how legal interpretations influence land, environment, cultural property, labour, and other issues that intersect with the built and visual environment. The course encourages students to appreciate how judicial processes affect professional responsibilities, project approvals, cultural expressions, and citizens' access to justice.

Fundamental Rights

This elective focuses on fundamental rights and related duties guaranteed by the Constitution as a core component of the India Constitution and Legal System. Students explore key rights such as equality, freedom, protection against exploitation, cultural and educational rights, and constitutional remedies, along with the idea of reasonable restrictions and directive principles. Through case based discussions, they examine how rights questions arise in everyday life, public spaces, media, and cultural production, including issues of expression, identity, accessibility, and non discrimination. The course enables students to see how awareness of rights and duties informs ethical practice, inclusive design, and responsible artistic and communicative work.



RTI

This elective introduces the Right to Information (RTI) as a tool for transparency and accountability within the India Constitution and Legal System. Students learn the objectives, scope, and basic procedures of RTI, types of public bodies covered, and limitations such as exemptions and privacy concerns. Through simplified examples and draft RTI exercises, they see how information about public projects, planning decisions, budgets, and institutional processes can be accessed and interpreted by citizens. The course equips students with a practical understanding of how RTI can support informed participation, critical inquiry, and socially responsible professional work.

Content:

Sr. No.	Description	No. of Hours
Based on the topic offered the units will be detailed out by the concerned faculty considering following suggestive guidelines...		
Unit 1	Foundations & Framework	8
Unit 2	Structure & Institutions	8
Unit 3	Rights, Duties & Legal Provisions	8
Unit 4	Processes, Applications & Case Studies	8

Suggested Specification table for Evaluation:

Distribution of Evaluation					
R Level	U Level	A Level	N Level	E Level	C Level
15%	25%	20%	15%	10%	15%

Legends: R: Remembrance, U: Understanding, A: Apply, N: Analyze, E: Evaluate C: Create and above Levels (Revised Bloom’s Taxonomy)

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the final evaluation may vary slightly from the above table as per the elective opted by the student.

Reference Books:

Sr No	Title of book /article	Author(s)	Publisher and details like ISBN	Year of publication	Publication Edition
1.	<i>Note: The respective course faculty/instructor/expert will determine and recommend reference materials according to the specific requirements of the course content.</i>				

Modified and approved in April 2026, applicable to all the batches admitted from AY 2025 onwards





Course Outcomes:

Sr. No.	CO statement	Marks % weightage
CO 1	Students will be able to explain key features of the Indian Constitution and legal system, including institutions, rights, and processes, and relate them to their roles as informed citizens and future design and art professionals.	50%
CO 2	Students will be able to analyze simple, real life situations in terms of constitutional values, fundamental rights, and basic legal provisions, and reflect on their implications for ethical and inclusive professional practice.	50%

List of Exercises:

Sr. No.	Studio Exercises/Assignments for CCE
1.	<i>The exercises of transdisciplinary electives may be subject to periodic revision based on the availability of elective options, institutional priorities, and the academic or professional expertise of the faculty offering the course.</i>

Important Note:

- For evaluation purposes the ERP will only contain the course code and course title along with domain. No specification or mention will be made of the specific skill/ ability/ competence acquired after completion of the elective in the semester end results issued by the Sarvajani University.
- Evaluation of Transdisciplinary Open Electives shall be conducted by the designated faculty member or subject expert or the designated panel appointed as examiner by the Institute.
- Evaluation may include reflective assignments, participation, projects, presentations, or other suitable assessment tools aligned with learning objectives.
- The academic judgement of the evaluator and coordinator shall be final and binding, subject only to verification of procedural compliance. However, the Institute reserves the right to rationalize/neutralize the marks/grades/evaluation in view of fair and relative institutional standards of evaluation through jury/viva/group discussion/performance or any other mode found appropriate/suggested by the concerned designated faculty member or subject expert or the designated panel appointed as examiner by the Institute.
- No standardised question paper shall be mandatory unless specifically prescribed.
- All decisions regarding electives will remain the prerogative of the institute and appropriate decision for the same will be taken after due discussion in the elective committee meetings / IDPT I & R meetings/ACC meetings
- For further details, refer Standard Operating Manual(SOM) for Special Academic Components prepared for the programmes of MS-IDPT



Liberal Studies & Life Skills Topics

Semester	Course Code	Course Type	Course Name	Domain	offered to	courses offered	Suggested resource persons for consideration / or in advisory capacity
Semester 1	BFGN13102	Multidisciplinary / Interdisciplinary (MDC)	Liberal Studies & Life Skills I	Psychosocial Skills I	BARCH BID BVA	<ul style="list-style-type: none"> Public Speaking Team Building 	<ul style="list-style-type: none"> Ms. Maharukh Chichgar Dr. Parinaz Bharucha
Semester 2	BFGN13202	Multidisciplinary / Interdisciplinary (MDC)	Liberal Studies & Life Skills II	Psychosocial Skills II	BARCH BID BVA	<ul style="list-style-type: none"> Psychology Social & Cultural Etiquette 	<ul style="list-style-type: none"> Mr. Murtuza Railwaywala Ms. Maharukh Chichgar
Semester 3	BFGN13301	Multidisciplinary / Interdisciplinary (MDC)	Liberal Studies & Life Skills III	Psychomotor Skills	BARCH BID BVA	<ul style="list-style-type: none"> Survival Skills - Self Help Skills (Swimming/Sailing / Firefighting / Health - CPR - Nursing / Maintenance & Repairing / Life saving during trekking) 	<ul style="list-style-type: none"> External Experts from each category.
Semester 4	BFGN13401	Multidisciplinary / Interdisciplinary (MDC)	Liberal Studies & Life Skills IV	Cognitive Skills	BARCH BID BVA	<ul style="list-style-type: none"> Fundamental of Artificial Intelligence Digital Literacy 	<ul style="list-style-type: none"> Expert from SCET
Semester 5	BFGN13501	Multidisciplinary / Interdisciplinary (MDC)	Liberal Studies & Life Skills V	Affective Skills I	BARCH BID BVA	<ul style="list-style-type: none"> Voluntary Actions Environmental Awareness 	<ul style="list-style-type: none"> Expert from SCET Aakash Bansal Aakash Bansal
Semester 6	BFGN13601	Multidisciplinary / Interdisciplinary (MDC)	Liberal Studies & Life Skills V	Affective Skills II	BARCH BID BVA	<ul style="list-style-type: none"> Art Appreciation Film Appreciation 	<ul style="list-style-type: none"> Prof. Naishadh Jani Mr. Janantik Shukla
Additional potential topics can be offered time to time							
<ul style="list-style-type: none"> Self-exploration & Personality Building Sociology Fundamental of Economics 							



Professional Electives

Semester	Course Code	Course Type	Course Name	Domain	offered to	courses offered	Suggested resource persons for consideration / or in advisory capacity
Semester 1	BFEL15101	Skill Enhancement Course (SEC)	Professional Elective 1A	Craft Skills I	BARCH BID BVA	<ul style="list-style-type: none"> Paper Mache Print Making Textile Dyeing & Printing Origami & Kirigami Calligraphy 	<ul style="list-style-type: none"> Prof. Abhishek Mandala Prof. Rajashri Smart Ar. Prathma Desai Prof. Krunal Zaveri Mr. Vipul Sondagar
Semester 2	BFEL15201	Skill Enhancement Course (SEC)	Professional Elective 2A	Craft Skills II	BARCH BID BVA	<ul style="list-style-type: none"> Model Making Architectural Photography Interior Photography Wall Mural Traditional & Contemporary Craft - IKS Context 	<ul style="list-style-type: none"> Prof. Krunal Zaveri Mr. Advait Pandya Ar. Setu Chhaya Prof. Dr. Jasmin Kaur Prof. Krushnapriya
Semester 3	BFEL15301	Skill Enhancement Course (SEC)	Professional Elective 3A	Art Theory & Practices I	BARCH BID BVA	<ul style="list-style-type: none"> Assemblage Art History of Civilisation/Art/Style Relief Printing Basics of Animation Paper Sculpture 	<ul style="list-style-type: none"> Prof. Abhishek Mandala Prof. Naishadh Jani Prof. Kuanjan Goswami Prof. Yogendra Patel Prof. Krunal Zaveri
Semester 4	BFEL15401	Skill Enhancement Course (SEC)	Professional Elective 4A	Art Theory & Practices II	BARCH BID BVA	<ul style="list-style-type: none"> 3D Printing Puppetry 3D Animation Synergy with Structure from Architecture Film Making & Visual Effects 	<ul style="list-style-type: none"> Mr. Aniket Tandel Prof. Krushnapriya Prof. Yogendra Patel Prof. Nehal Desai Mr. Janantik Shukla
Semester 5	BFEL15501	Skill Enhancement Course (SEC)	Professional Elective 5A	Professional Competence I	BARCH BID BVA	<ul style="list-style-type: none"> Disaster Management Furniture & Product Design Lighting Design or HVAC Building Envelope Design Miniature Painting Museology 	<ul style="list-style-type: none"> Prof. Sangita Mohanty Prof. Priyank Parekh External Expert External Expert Prof. Dr. Jasmin Kaur Ms. Bhamini Mahida
Semester 6	BFEL15601	Skill Enhancement Course (SEC)	Professional Elective 6A	Professional Competence II	BARCH	<ul style="list-style-type: none"> Universal Design Street Design Pre approved courses* 	<ul style="list-style-type: none"> Prof. Sarupa Dave + Prof. Tejas Patel Prof. Dr. Jasmin Kaur
Semester 7	BFEL15701	Skill Enhancement Course (SEC)	Professional Elective 7A	Career Advancement	BARCH	<ul style="list-style-type: none"> Earthquake Resistance Architecture Green Building Rating System 	<ul style="list-style-type: none"> Prof. Dr. Nehal Desai Prof. Chintan Shah + Mr.

Semester	Course (SEC)	Professional Elective	I	II	III	IV	Pre approved courses*	Gaurav Jain
Semester 8	BFEL15801 Skill Enhancement Course (SEC)	Professional Elective 8A	Career Advancement I	Career Advancement II	Career Advancement III	Career Advancement IV	<ul style="list-style-type: none"> NPTEL / Swayam / MOOC (Pre Approval mandatory)* 	<ul style="list-style-type: none"> Prof. Alpa Pandya
Semester 9	BFEL15901 Skill Enhancement Course (SEC)	Professional Elective 9A	Career Advancement I	Career Advancement II	Career Advancement III	Career Advancement IV	<ul style="list-style-type: none"> Architecture Conservation Healthcare Architecture Pre approved courses* 	<ul style="list-style-type: none"> Prof. Alpa Pandya Prof. Mahesh Nagecha
Semester 10	BFEL15001 Skill Enhancement Course (SEC)	Professional Elective 10A	Career Advancement I	Career Advancement II	Career Advancement III	Career Advancement IV	<ul style="list-style-type: none"> Climate Change & Resilience Built Environment & Humanities Pre approved courses* 	<ul style="list-style-type: none"> Prof. Sangita Mohanty Prof. Vahbiz Engineer + Prof. Niraj Naik



Trans-Disciplinary Open Electives

Semester	Course Code	Course Type	Course Name	Area/Domain	offered to	All Bachelor Programme	Suggested resource persons for consideration / or in advisory capacity
Semester 1	BFEL16102	Common Value Added (Elective) Course (VAC)	Transdisciplinary Open Elective 1B	Indian Performing Arts	BARCH BID BVA	<ul style="list-style-type: none"> • Dance - IKS Context • Drama • Music (Instrumental) - IKS Context • Music (Vocal) - IKS Context 	<ul style="list-style-type: none"> • Ms. Rajvi Vyas • External Expert • External Expert • External Expert
Semester 2	BFEL16202	Common Value Added (Elective) Course (VAC)	Transdisciplinary Open Elective 2B	IKS & Health Science	BARCH BID BVA	<ul style="list-style-type: none"> • Self Defence • Indian Yoga Practices • Health Awareness (Mental, Dental, Ayurveda, Physical, Spiritual) • Wellness & nutrition • Outreach of Indian Knowledge System 	<ul style="list-style-type: none"> • Mr. Kharradi • Ms. Shall Vakil • External experts • Ms. Farzana • Kharradi • Dr. Aanand Pandya • Mr. Visphy
Semester 3	BFEL16302	Common Value Added (Elective) Course (VAC)	Transdisciplinary Open Elective 3B	Financial Literacy	BARCH BID BVA	<ul style="list-style-type: none"> • Banking • Basics of Accounting • Basics of Taxation • Insurance 	<ul style="list-style-type: none"> • Expert from NJ • Prof. Roshni • External Expert • Expert from NJ
Semester 4	BFEL16402	Common Value Added (Elective) Course (VAC)	Transdisciplinary Open Elective 4B	India Constitution and Legal System	BARCH BID BVA	<ul style="list-style-type: none"> • Indian Constitution • Indian Judiciary • Fundamental Rights • RTI 	<ul style="list-style-type: none"> • All Four courses will be conducted by • Prof. Nikunj Rathod • External Expert
Additional potential topics can be offered time to time							
					BARCH BID BVA	<ul style="list-style-type: none"> • Early Indian Culture/ Literature/ Mythology - IKS Context • Cyber Security • Branding & Marketing • Artificial Intelligence in Design 	



