

SARVAJANIK UNIVERSITY
Institute of Design Planning & Technology (IDPT)-SCET
TERM END EVALUATION

Programme Name:	Master of Interior Design
Programme Code:	MIID
Examination:	Summer 2026
Year-Semester:	M.ID.I, SEM II
Course Name:	Futuristic Materials & Systems Integration-II
Course Code:	MFGN12205
Date and Day of Examination:	5 th May 2026
Marks:	50
Time:	9.30 a.m. to 12.30 p.m
Format of Examination	Jury/Viva/Time Problem

A. Task/Question given for the Evaluation:

Design Problem to be completed in given time limit

Description:

You are required to design a mobile working space for any of the one professional i.e an architect or artist or engineer. You can assume a group of 4-5 people working as a team with passion and dedication and through intense discussion, deliberation and creation. Consider this as a working space for such budding professional/entrepreneurs/executives who would love to aspire, to explore and to venture. Design a space that motivates, energize and enhances the potential of an individual and ultimately of the group to reach the horizons and to achieve the heights of success.

The space essentially has to be designed with the state-of-the-art technologies and facilities. (For example, wi-fi free, AI assisted, digitally sound, automatized, well insulated, sound proof, cool and calm, visually connected yet privacy oriented, energy efficient). Provide resourceful meeting and working spaces and qualitative relaxing spaces. Separate rest rooms for male and female are required. Also, some common reception/waiting/presentation/exhibition areas should be a part of the space.

Site:

As the office needs to be consider as a mobile office, you will use **shipping container of size 2.4m wide, 13.5 m long and 3.0 m high as your site**, considering that it can be placed at any of the public place/commercial parks/corporate campus. **You can take only one container.**

B. Aim:

To evaluate students' ability to understand and integrate materiality, technicality and smart technologies and to transform the space into creative, expressive and experiential design solution.

C. Objectives:

- To understand the complexities of the given enclosure and select a set of materials to design an interior space, relevant to the functional programme and given enclosure.
- To collect reference data and information in order to understand potential and limitation of identified materials and equivalent systems for the purpose.
- To explore material and technology as a generator of spatial design.
- To propose a functionally efficient and aesthetically appealing space integrating multiple aspects of interior design and reflecting upon material characteristics and experiential quality.

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D. Instructions:

- Submission shall be in both mode: soft copy to be submitted in classroom as well as hard copy to be submitted as a portfolio
- Format shall be A2 size
- Neat and well-illustrated drawings are mandatory (Remember that there will not be any presentation/jury or viva for this. Your drawings are the only tool to express your knowledge and creativity and your evaluation is purely based on your drawings) Plans, sections, unfolded elevations, part sections, 3-D vies and sketches all to be included. Use appropriate scale.
- Material specifications and technical details about the HVAC/Atomization/any other technological exploration is must.

E. Requirements:

1. Base study and research related to use of shipping containers as a functional space. This shall include understanding about different size and types of containers, properties of such containers, pros and cons of using it into a functional space, case studies related to the exploration of containers into functional space.
2. Concept and Spatial Planning for the given programme.
3. Selection of materials and technologies.
4. Surface treatments (Vertical and horizontal-all planes)---**this is an important aspect as your knowledge of materiality, technical aspects and creative design solution all need to be integrated here.**
5. Types of lighting used and electrical layout for the space.
6. Types of HVAC systems used and its execution detail (whether hidden or exposed)
7. Furniture details/Staircase details (if part of the design)
8. Services details. (Toilets/rest rooms)

F. Expected Outcome:

1. Understanding role of designers in terms of resource efficiency and space optimization
2. Understanding “materiality” as a generator of design and interior design as an “environment” and “experience” of space
3. Understanding technical requirements for designing efficient and comfortable spaces and its integration with interior ambiance and aesthetics.

G. Evaluation criteria:

- Base work and research-10% (5 Marks)
- Creativity-20% (10 Marks)
- Knowledge of materials, technology and systems-40%(20 Marks)
- Presentation skills-20% (10 Marks)
- Overall understanding about the given task-10%(5 Marks)

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A	Total No. of Students registered for the TEE Examination of the Course:	03
B	No of students absent in the Examination:	NIL
C	Enrollment No of students absent in the Examination:	-
D	Total No of students appeared in the Examination:	03
E	Name of Examiners:	Sign
1.	Ar. Naitik Shah(Examiner)	
2.	Ar. Ami Desai(Co-Faculty)	
3.	Prof. Rikta Desai(Co-Faculty)	

Analysis for curriculum coverage and BLOOM'S TAXONOMY learning level

Task Description		Weightage either in %	Module No. as per Approved curriculum specified	Mapping with CO (Course Outcome as per Approved curriculum)	Cognitive Level (As per Revised Bloom's Taxonomy) R/U/Ap/Ay/E/C
1	Base work and research	10	I, II		U
2	Creativity	20	III, IV		C
3	Knowledge of materials, technology and systems-	40	I, II, III		Ay/E
4	Presentation skills	20	IV		C
5	Overall understanding about the given task	10	III		U/Ap/C

Learning level coverage as per curriculum analytics (from above mapping)				Curriculum specified content coverage analytics (From above mapping)		
Blooms level		As per curriculum (- in %)	In this paper: (-in %)	Module number	As per curriculum (-in %)	In this paper: (-in %)
Remember	R			1	25%	25%
Understanding	U	25%	25%	2	25%	25%
Evaluate	E	25%	25%	3	50%	50%
Apply	Ap	50%	50%			
Analyse	Ay					
Create	C					