GUJARAT TECHNOLOGICAL UNIVERSITY
BRANCH NAME: M. Arch. (INTERIOR ARCHITECTURE)
SUBJECT NAME: INTERIOR IN TRANSIT SYSTEMS
SUBJECT CODE: X36205
2nd Year: Semester-III

Pre requisite: There are no specific pre requisites for the elective course.

Rationale: The course intends to overview the basic understanding of Interior design aspects in various Transit Systems.

Teaching and Assessment Scheme:

TEACHING SCHEME			CREDITS	EXAMINATION MARKS				TOTAL MARKS	UNIVERSITY EXAM TYPE
Field work	Lectures	Studio	C	External Marks		Internal Marks		100	VIVA
NA	1	1	02	(ESE) Theory(E)	(ESE) Viva (V)	(PA) Theory (M)	(PA) Viva(I)		
				00	50	00	50		

Content:

SR No	Content	Total Hours	Weightage
1	**Types of Transit Systems:** Introduction and Overview of Various transit Systems based on the networks and Geography, such as MRTS, BRTS, and Various Local Transport mediums. Identifying the key factors of interior design in the transit systems mentioned.	06	20%
2	**Identifying the Key Aspects affecting the interior design in Chosen Transit System:** Various Aspects affecting can be considered such as Comfort, Aesthetics, Colors, Materials, Making, Overall trip experience and Feasibility. The aspects can be derived based on Physical visits, Various national and international case studies, qualitative surveys, questionnaires and other suitable research methods, the results are analyzed, documented and graphical diagrams can be prepared for further design guidelines.	12	30%
3	**Design Proposal:** Mapping, Designing and developing the proposals, /Detail drawings and Mock ups can be prepared related to Interior Design for BRTS/MRTS/LOCAL Transport considering the key aspects identified through various studies done.	14	50%

*: indicative

REFERENCE BOOKS:

1. John.F. Pile, Interior Design, 2nd edition, illustrated, H.N.Abrams, 1995. Published by Govt of India, 2011.

2. Branton, P., and G. Grayson. 1967. "An Evaluation of Train Seats by Observation of Sitting Behaviour." *Ergonomics* 10 (1): 35–51.10.1080/00140136708930838 [Taylor & Francis Online], [Web of Science ®], [Google Scholar]
3. De Looze, M. P., L. F. M. Kuijt-Evers, and J. H. Van Dieën. 2003. "Sitting Comfort and Discomfort and the Relationships with Objective Measures." Ergonomics 46: 985–997.10.1080/0014013031000121977 [Taylor & Francis Online], [Web of Science ®], [Google Scholar]
4. Velasquez, P., 2000, "Accessibility, Transport and Integration", National Foundation of Urban Public Transportation (FONTUR), Venezuela.
5. Deb, S., & Ahmed, M. A. (2019). Quality assessment of city bus service based on subjective and objective service quality dimensions. Benchmarking: An International Journal.

Lectures/Tutorial work shall consist of presentations on various topics of the subject. AV projects may be introduced to students for documenting best practices and advances through case studies. Coursework shall consist of lectures/presentation on various topics listed above supported with visuals in form of drawings, sketches, photographs, models etc. Written assignments with sketches, drafted drawings for construction detailing and model making exercises, presentations etc can be given to students. Site visits, market surveys and various other ways to engage with industry must be incorporated in this course

*- this is suggestive for common purpose. Faculty may decide on this, considering student group and institution philosophy.