

GUJARAT TECHNOLOGICAL UNIVERSITY
BRANCH NAME: B. Arch
SUBJECT NAME: Post Occupancy Evaluation
SUBJECT CODE: 2X95011
5th Year: Semester-IX

Pre requisite: Post occupancy evaluation/the proposed course focuses on the process of evaluating buildings in a systematic and rigorous manner after they have been built and occupied for some time.

Rationale: The principle aims of this unit are to develop students' knowledge, skills and capacity to understand, design, and implement effective and strategic post-occupancy evaluations (POE) in various facility contexts.

Teaching and Assessment Scheme:

Teaching Scheme			Credits	Examination Marks				Total Marks	University Exam Type
Field work	Lectures	Studio	C	External Exam		Internal Exam		100	VIVA
1	2	1	04	(ESE) Theory	(ESE) Viva	(PA) Theory	(PA) Viva		
				00	50	00	50		

Content:

SR No	Content	Total Hours	Weight age
1	POEs focus on building occupants and their needs, and thus they provide insights into the consequences of past design performance. This knowledge forms a sound basis for creating better buildings in the future.	16	25%
2	The POE study will consist of evaluation techniques using scientific methods to determine the effects of a design/treatment or program, especially with respect to the intended effects. The students will be exposed to various methods to evaluate building performance, the building process and the performance concept, elements of building performance and the performance evaluation research framework.	16	25%
3	A solid understanding of the conceptual frameworks underlying different types of post occupancy evaluation. An ability to strategically plan and design post-occupancy evaluations that address specific organizational objectives or needs	16	25%
4	A broad awareness of the scope of different methodologies applicable to POEs, and the capacity to develop and implement two methods within a POE project. The capacity to efficiently and meaningfully analyze the results from a POE, apply these results the strategic issue the POE is seeks to address, and develop a concise report which communicates the POE process and strategic recommendations.	16	25%

*: indicative

References:

1. What are post Occupancy evaluation? A layman's guide, by Bechtel R.●
2. Building diagnostics: A conceptual framework by Building Research Board, national● academy press, Washington.
3. Evaluating facilities: a practical approach to Post Occupancy evaluation, by Parshal S.A.● and W. M. Pena
4. Total Workplace Performance: Rethinking the Office Environment. Ottawa Aronoff,● Stanley, & Kaplan, Audrey.: WDL Publications, 1995

List of Projects/Assignments*:

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. A group discussion or forum may be organized for discussion on various aspects of the subject.

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