

GUJARAT TECHNOLOGICAL UNIVERSITY
Syllabus for B. Arch
SEMESTER - IX

SUBJECT NAME – POST OCCUPANCY EVALUATION [POE]

SUBJECT CODE – 1095011

FOCUS:

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. 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.

CONTENT:

- 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.
- 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.
- 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
- 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.

SUGGESTED BOOKS

- What are post Occupancy evaluation? A layman's guide, by Bechtel R.
- Building diagnostics: A conceptual framework by Building Research Board, national academy press, Washington.

- Evaluating facilities: a practical approach to Post Occupancy evaluation, by Parshal S.A. and W. M. Pena
- Total Workplace Performance: Rethinking the Office Environment. Ottawa Aronoff, Stanley, & Kaplan, Audrey.: WDL Publications, 1995