



School of Planning and Architecture: Vijayawada
 (An institute of National Importance under the Ministry of Education, Govt. of India)
 S.No. 4/4, ITI Road, Vijayawada – 520008, Andhra Pradesh, India

Course: **Elective-III: Post Occupancy Evaluation of Buildings** Class: **IV Sem. II Year M. Arch. (SA), 2024-25 A.Y**
 Section: **A** Instructor: **Dr. Amitava Sarkar** Contact Periods/week: **03 (55 min. each)**
 Timetable: **Tuesday, 9:00 –11.45 AM** Internal Assessment Marks: **50**; External Theory Exam: **50**; Total Marks: **100**
 Attendance: **75% Min.** Min. Passing Marks: **50% each in Internal & External Assessment, 50% in Aggregate**

Objective

The course aims to impart the post-occupancy evaluation tools and techniques prevalent in the field.

Outcomes

Students shall learn the required post occupancy procedures and protocols for assessing the buildings for their performance.

S.No.	Date & Week No.	TOPIC OF CLASS LECTURE & DISCUSSION	CLASS ACTIVITY & ASSIGNMENTS
1	7 th Jan 25 Week 1	✓ A solid understanding of the conceptual frame works underlying different types of post occupancy evaluation that addresses specific organizational objectives or needs.	Lecture and Discussion
2	14 th Jan 25 Week 2	✓ Holiday – Makar Sankranti	
3	21 th Jan 25 Week 3	✓ The generic attributes such as to identify and formulate the problems and to envisage, enact processes in response to them.	Lecture and Discussion
4	28 th Jan 25 Week 4	✓ Assessing existing buildings on their energy use, environmental impact and occupant satisfaction.	Assignment-1 - Presentation
5	4 th Feb 25 Week 5	Field Work / Case Study visits	
6	11 th Feb 25 Week 6	✓ Building performance bench marks – rating and comparison of buildings	Lecture and Discussion
7	18 th Feb 25 Week 7	✓ Techniques, methods & procedures of Post Occupancy Evaluation.	Lecture and Discussion
8	25 th Feb 25 Week 8	✓ It also covers the user satisfaction survey identifying areas of deficiency particularly in maintenance, and facilitate the assessment of the overall performance of the building.	Lecture and Discussion
9	4 th Mar 25 Week 9	✓ Guest Lecture by external experts on POE.	Guest Lecture and Discussion
10	11 th Mar 25 Week 10	✓ Mid Semester Assessment.	
11	18 th Mar 25 Week 11	✓ Students are required to carry out post occupancy evaluation of a building.	Lecture and Discussion
12	25 th Mar 25 Week 12	✓ And from above document the relationship between building design, energy use, occupant satisfaction, and environmental impact and report their observations.	Lecture and Discussion
13	1 st Apr 25 Week 13	✓ Students are required to carry out post occupancy evaluation of a building and document the relationship between building design, energy use, occupant satisfaction, and environmental impact and report their observations – contd.	Lecture and Discussion Assignment-II
14	8 th Apr 25 Week 14	✓ Students are required to carry out post occupancy evaluation of a building and document the relationship between building design, energy use, occupant satisfaction, and environmental impact and report their	Lecture and Discussion

S.No.	Date & Week No.	TOPIC OF CLASS LECTURE & DISCUSSION	CLASS ACTIVITY & ASSIGNMENTS
		observations – contd.	
15	15 th Apr 25 Week 15	✓ Assignment-II – Presentation of appropriate Case studies.	Presentation and Discussion
16	22 th Apr 25 Week 16	✓ Assignment-II – Presentation of appropriate Case studies.	Presentation and Discussion

Tentative break-up of Internal Assessment Marks:

S.No.	Categories of Evaluation*	Marks
1	Assessment –1: Assignment-I	15
2	Assessment –2: Mid Semester Test	20
3	Assessment –3: Assignment-II	15
	Total	50

* The Marks allotted against each category are tentative. Categories of evaluation are only indicative and may increase or decrease.

Reference Books:

1. The Environment (protection) Act 1986.
2. The Energy Conservation (Amendment) Act 2001, and Amendments.
3. Energy Conservation Building Code -India.
4. National Building Code – India.
5. International Building Codes.
6. HUDCO Publications, 'Housing for Low Income, Sector Model'.
7. Preiser, Wolfgang F. E, 'Post-Occupancy Evaluation', New York : Van Nostrand Reinhold.

Sd/-
Signature of Subject Teacher

Sd/-
Signature of Head of the Department