

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**BRANCH NAME: M. Arch. (INTERIOR ARCHITECTURE)**  
**SUBJECT NAME: Elective -1 (ILLUMINATION DESIGN)**  
**SUBJECT CODE: X16209**  
**1st Year**  
**Semester: I**

**Prerequisite:**

There is no prerequisite for taking this course.

**Rationale:**

Lighting design fundamentals for interior architecture.

**Teaching and Assessment Scheme:**

Teaching Scheme			Credits C	Examination Marks				Total Marks	University Exam Type
Field work	Lectures	Studio		External exam		Internal exam			
			(ESE)Theory	(ESE) Viva	(PA)Theory	(PA)Viva			
NA	1	1	2	00	40	00	60	100	Viva

**Content:**

Sr. No.	Content	Total Hours*	% Weightage
1	Various lighting technologies	12	40%
2	Lighting applications	12	40%
3	current practice standards on natural and electric lighting design	08	20%

\*: indicative

**References:**

- Interior Lighting – Boer, Fischer, Pub – Philips Technical Library
- Principles of Lighting Course 2000 – Julian ( Department of Architecture & Design Science) University of Sydney

**List of Projects/Assignments\*:**

Projects/assignments may consist of a term project which includes designing lighting concept, research fixture products, perform simple lighting calculations, read light fixture catalog sheets, produce drawings like reflected ceiling plans, and write fixture specifications.

\*- This is suggestive for common purpose.