

Course Title: European Architecture

Course Code: AR 205

No. of Credits: 3

Department: Architecture

Programme : B.Arch.

Pre-requisites: AR 112 Basic and Architectural Design-II

Co-requisites: Not Applicable

Course Co-ordinator: Prof. Sangeetha

Course Teacher/Tutor: Wilson Frederick

Learning Hours: 2+1 =3 hours per week

Course Type: Theory

Student Quota: 44

Session in Academic Year: Odd Semester only

Course Description: To enable the students to understand the architectural style which prevailed in the ecclesiastical architecture during the Medieval period and during the Renaissance era in Europe. A proper understanding of the past historical periods of the Roman, Byzantine and the early Christian periods is an essential basic.

Course Objectives: The major eras from the Romanesque period, the smooth transition from the early Christian era and the achievements made by these gregarious builders in terms of scale, structure and texture. The use of arches and arcading, vaulting techniques and the frescoes. The use of three tier system, the cruciform plan form, altar, choir on sepulchers etc, which mark the mature style.

Following this, the next change brought forth in history by the French builders, who meticulously passed the new and novel style of Gothic Architecture. Spectacular achievements made by Gothic in terms of the skeletal skin and the use of flying Butresses, a technique unknown earlier. New vaulting system named as ribbed and paneled vault, use of stained glass windows and other features involved in Gothic Architecture.

The final part of the study culminates with Renaissance style which essentially began as a new art movement and later found its way through church furniture and tombs and later integrates herself into architecture. Study of the early phase, then the middle phase and later the final version of the style with personalities responsible for each period and their major contribution.

Course Content: Architecture of Italian Romanesque with Pisa Cathedral as an example

French Romanesque with Abbey Aux Hommes at Caen

British Romanesque with Durham Cathedral.

French Gothic (Notre Dame , Paris)

Italian Gothic (Milan Cathedral)

British Gothic.

Early Renaissance –works of Brunelleschi

High Renaissance

Mannerism

Works of Michelangelo, Bramante, Bernini and Palladio.

British: works of Sir Christopher Wren and Inigo Jones.

Course Learning Outcomes (CLOs)

Students are expected to understand the dignity of the bygone era and envision an architecture which surpasses time and space. Students are also made to do an assignments using their own presentation skills by collecting information about a particular example and work out the sketches and write a report of any one building. The next assignment will be an e-assignment, where they are exposed to soft skills and individually present data of their own of an assigned example.

Course Teaching and Learning Activities: Preferably done through power point presentation with deep concern about the detail of the style and its significance in the current world.

Course Assessment Methods: Two cycle tests and their marks are revealed periodically

Essential Learning material: A History of Architecture By Banister Fletcher

Means/Processes for Student Feedback on Course: Students provide the feedback in MIS and it is revealed in the end of the semester.

Course Policy and attendance requirement: Min. of 75 percentage is required