

SYLLABUS:Of M.Arch -2021

The syllabus focuses on the four building environments namely: Thermal, Luminous, Acoustics and Aqueous. In order to equip students with sustainable architectural practices they are introduced to various areas in the field such as energy management, evaluation criteria for green buildings, environmental laws and research methods along with design responses to each environment in detail. Internship, site visits and workshops are introduced in the syllabus to gain practical knowledge in the field.

Broad areas of study

- Sustainable Building Design Principles
- Sustainable Material and Technology
- Climate Responsive Architecture
- Energy Management
- Energy Systems and Efficiency
- Energy Efficient Building Design
- Energy Audit
- Environmental Impact assessment
- Evaluation Criteria for Green Buildings
- Environmental Laws and Legislation
- Research Methodology
- Sustainable Settlement Planning.
- OPEN ELECTIVES

HIGHLIGHTS**ISLE (Indian Society of Lighting Engineers):**

A Students ISLE Students Chapter to promote industry institute interaction in the Lighting Field in terms of professional interactions, site visits, expert lectures, research opportunities and curricular activities.

IGBC STUDENTS CHAPTER :

Association with the Indian Green Building Council (IGBC) as a part of Industry Institute Interaction and an opportunity for the students to be a part of Green Building Movement of India.

CLIMATOLOGICAL LABORATORY :

Comprising latest instruments for measuring climate variables such as, Pyranometer anemometer DB and WB thermometers, wind wane and speed indicators, rainguage, luxmeter and sound meter.

FIELD EXPERIENCE:

- ? On site experience, Industrial interaction, Seminars and Workshops are organised for the students by the institute.
- ? Lectures of Technical Experts from various Building / Industrial Groups are arranged for students so as to upgrade their knowledge of Current Market Trends.

FACILITIES :

Well equipped library, well appointed laboratory, highly experienced Resource persons, furnished class rooms, Studios, Computer labs and other laboratories.