



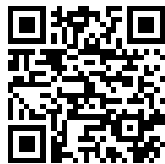
**NITTTR  
BHOPAL**

**GUJ-12/2024-2025**

**Green Building for Sustainable Development**

**29-07-2024 to 02-08-2024**

**EC Ahmedabad**



<https://erp.nitttrbpl.ac.in/poc2024/?id=regGUJ-12>

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## Rationale

Sustainability is defined as the utilization of natural resources without compromising the needs of the present generation and without jeopardizing the needs of future generation till time infinity. The concept of green buildings is derived from the concept of sustainability. Construction sector forms an important part of the national economy. Saving and conservation of resources in the construction industry will meet the saving of resources at a national scale. The green concepts and techniques in the construction sector result into tangible benefits such as saving of water, building materials and power and result into intangible benefits such as safety, happiness and wellbeing of the building occupants. The rationale of conducting this training programme is to make the participants aware about the importance of conservation and sustainability in the building sector. The awareness thus created will lead to use of green practices, green technologies and help create an awareness towards reducing, reusing recycling of materials and also help develop an ethical approach towards sustainable

## Programme Outcomes

After the this training programme, the participants will be able to:

- Use the rating system guide lines in creating green designs for different type of buildings.
- Assess the existing buildings in accordance with the rating systems
- Run building performance simulations to optimize energy efficiency
- Carry out further research in the field of green buildings

## Programme Content

Programme Content:

- Elements of Green Buildings.
- Selection and use of green materials.
- Sustained use of construction site
- Efficient water management practices.

## Target Group

Faculty of Civil Engineering and allied disciplines

## Coordinator & Co-Faculty

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