

# Sustainable Practice in Educational Institutes

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**Abstract:** *As we move through a critical juncture in the fight against environment degradation, educational institutions are playing a bigger role in promoting sustainability and environment well-being. Educational institutions are essential in this critical era for promoting sustainable practice and cultivating a culture of environment responsibility. As architects, we provide sustainable concepts for classroom routines and infrastructure in educational institution. The growing carbon footprint is one of the most important environmental issues of our day. Education establishment, highly regarded as havens of wisdom and creativity, have a significant impact on this environment. Through intentional efforts to reduce carbon emission, educational institutions have the potential to significantly improve the state of environment worldwide. Educational institutions may lead the fight against the increase of carbon footprint by adopting energy efficient technologies, supporting environmentally friendly transportation options, and encouraging responsible resource use. The UJALA program seeks to lower upfront cost through demand aggregation, increase consumer knowledge of energy efficient equipment, and promote the use of LED lights as a means of increasing energy efficient efficiency in home setting. As a result, LED lighting is more widely adopted by residential users, which advances efforts to conserve energy overall.*

*“AS ARCHITECTS, WE POSSES A SPECIAL CHANCE TO MOLD THE EDUCATIONAL SETTING OF THE FUTURE, MAKING SURE THEY NOT ONLY FOSTER INNOVATION AND DEVELOPMENT BUT ALSO SERVE AS MODELS OF SUSTAINABLE LIVING”*

*Energy-efficient appliances and equipment, interactive energy dashboards, micro gridintegration, student-led energy conservation campaigns, solar-powered charging stations, pedal- powered generators, energy-generating dance floors, smart lighting systems, virtual learning platforms, and green building design and retrofits are some examples of solutions*

**Keywords:** Energy-saving technologies, Sustainable living, Educational institute, Environmental friendly solutions, and Sustainability.