



wel come to
BEYOND SMART CITIES

BEYOND
SMART CITIES



SUSTAINABLE CLASSROOM SPECIALIST SCS CERTIFICATE

ONLINE PROFESSIONAL COURSES LED BY THE
WORLD'S TOP SPECIALISTS

ONLINE TRAINING BY KRISHNAJI PAWAR

LEED AP(BD+C), GSAS CGP, GCP, ISO 14001

LEARN.BEYONDSMARTCITIES.IN



MODULE
11

Green School Buildings Are Dynamic Learning Environments.

KRISHNAJI PAWAR - CEO & FOUNDER

LEED AP(BD+C),GSAS CGP,GCP,ISO 14001

WWW.BEYONDSMARTCITIES.IN





SUSTAINABLE CLASSROOM SPECIALIST SCS CERTIFICATE

Green school buildings are a shift in educational design and operational philosophy, characterized by sustainable construction practices, energy efficiency, and a holistic approach to environmental stewardship. These buildings serve as dynamic learning environments that engage students, foster collaboration, and promote environmental consciousness.

Learning Objectives

- **Green school buildings are dynamic learning environments.**
- **Operations and Maintenance for Whole School Sustainability**
- **Meaningful, purposeful, and engaging learning**
- **Sustainable Spaces and Smart Transportation**
- **Energy Efficiency - Lighting**
- **Energy Efficiency - Plug Loads & HVAC Systems**
- **Water Efficiency and Quality**
- **Indoor Environment: Air Quality and Acoustics**
- **Smart Cleaning & Integrative Pest Management**
- **Materials and Resources**
- **Emerging Design and Technology**
- **Summary and Resources**
- **SCS Quiz: Test Your Knowledge!**

INTRODUCTION

- Green school buildings are a shift in educational design and operational philosophy.
- Characterized by sustainable construction practices, energy efficiency, and a holistic approach to environmental stewardship.
- These buildings serve as dynamic learning environments that engage students, foster collaboration, and promote environmental consciousness.
- Characteristics of green school buildings include sustainable design principles, energy efficiency, indoor environmental quality, and integration with nature.
- Green school buildings promote active learning, facilitate environmental stewardship, enhance well-being and engagement, and use advanced technology for interactive learning.



GREEN SCHOOL BUILDINGS AS DYNAMIC LEARNING ENVIRONMENTS

Defining Green School Buildings

- Green school buildings use sustainable design principles and incorporate eco-friendly materials and technologies.
- Key elements include sustainable site development, water efficiency, energy efficiency, indoor environmental quality, and material selection.



DYNAMIC LEARNING ENVIRONMENTS

- Green school buildings facilitate adaptability, interactivity, and stimulation of the learning process.
- They feature flexible spaces that can be reconfigured for different activities, allowing for collaborative work.
- They integrate with nature through biophilic design principles, providing experiential learning opportunities that enhance environmental awareness.
- They often incorporate advanced technologies for interactive learning and real-time data collection.
- They serve as community hubs, promoting partnerships with local organizations and stakeholders.



BENEFITS OF GREEN SCHOOL BUILDINGS



- Green school structures enhance academic performance, health and well-being, and environmental awareness.
- They result in cost savings due to reduced energy and water consumption, lower maintenance costs, and improved health outcomes.



CONTACT US



+91 6363032722



info@beyondsmartcities.in



learn.beyondsmartcities.in



#55,HMR Layout ,Bengaluru ,India



THANK YOU

