

Sustainable Construction Practices and Green Building Innovations

COURSE OVERVIEW

This course equips participants with the knowledge and tools to design, build and manage environmentally responsible and resource efficient projects. It explores cutting edge green building technologies, sustainable materials, energy efficient systems and innovative construction methods that reduce environmental impact while enhancing long term performance. Through factual case studies and practical applications, participants will learn how to integrate sustainability principles across the construction lifecycle, align with global green building standards and drive innovation in the built environment.

WHO SHOULD ATTEND?

The course is tailored for construction professionals, architects, engineers, project managers, real estate developers, sustainability officers and policymakers seeking to expand their expertise in green building practices.

COURSE OUTCOMES

Delegates will gain the skills and knowledge to:

- Understand the principles and frameworks of sustainable construction and green building.
- Apply strategies for reducing carbon footprint, energy use, and waste in construction projects.
- Evaluate and implement eco-friendly building materials and energy-efficient technologies.
- Align construction practices with international green building certifications and standards.
- Integrate life cycle thinking into project planning, design, and execution.
- Develop sustainability action plans that balance environmental impact, cost efficiency, and project performance.

KEY COURSE HIGHLIGHTS

At the end of the course, you will understand;

- Exploration of global green building rating systems (LEED, BREEAM, EDGE, etc.).
- Practical case studies showcasing successful sustainable projects.
- Emerging technologies in renewable energy integration and smart buildings.
- Best practices for waste reduction, recycling, and circular construction.
- Hands-on strategies for delivering cost-effective, sustainable projects.

All our courses are dual-certificate courses. At the end of the training, the delegates will receive two certificates.

1. A GTC end-of-course certificate
2. Continuing Professional Development (CPD) Certificate of completion with earned credits awarded