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SMART CITIES



welcome to

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IGBC ACCREDITED PROFESSIONAL

IGBC AP OVERVIEW

ONLINE TRAINING BY KRISHNAJI PAWAR

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

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MODULE 4

Organizational Fundamentals

KRISHNAJI PAWAR - CEO & FOUNDER

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

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IGBC ACCREDITED PROFESSIONAL OVERVIEW

The CII-affiliated Indian Green Building Council (IGBC) was founded in 2001. The council's aim is "To enable a sustainable built environment for all and facilitate India to be one of the global leaders in the sustainable built environment by 2025" .

Learning Objectives

- Introduction
- Knowing the Process of IGBC Green Credentialing
- Basics of Green Building Design and Construction
- Organizational Fundamentals
- IGBC Green Building Rating System
- Reasons to Become IGBC Accredited
- Getting an IGBC AP credential
- Summary and Resources
- IGBC AP Practice Test: Test Your Knowledge!

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INTRODUCTION

- Sustainability is defined as maintaining conditions for productive harmony between humans and nature.
- IGBC Green strategies and technologies should consider sustainable design and green building concepts.
- Green building is a process that applies to buildings, their sites, interiors, operations, and communities.
- Green building strategies aim to reduce environmental impact and improve the conditions for the planet and interior environments for building occupants.
- It's a holistic approach to finding responsible solutions within the build environment.

IGBC & CII

- Committee-based, member-driven, and committed to consensus-building.
- Collaborates with various stakeholders including architects, developers, product manufacturers, corporations, governments, academic institutions, and nodal agencies.
- Promotes green building concepts nationwide and collaborates with state governments, central government, World Green Building Council, and international organizations.



IGBC & CII +

- IGBC is the premier certification organization in India, based in Hyderabad.
- India is the second-largest country globally in terms of green building footprint.
- IGBC collaborates with the Indian government on over a thousand green building initiatives.
- Facilitates over 90% of green buildings in the US, with over 3,480 projects certified.
- In twelve Indian states, incentives from central and state governments promote IGBC-rated green initiatives.



IGBC'S MISSION AND VISION





- Aims to transform buildings and communities to promote human and environmental wellbeing.
- Vision: Enhances health, equity, resilience, sustainability, and prosperity.
- Mission: Transforms design, construction, and operation to create healthy, equitable, and resilient places.

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GREEN BUILDING MOVEMENT IN INDIA

- CII-Sohrabji Godrej Green Business Centre in Hyderabad received India's first Platinum green building grade.
- The Indian Green Building Council (IGBC) now registers 11,300 green building projects, covering over 10.27 billion sq.ft.
- All buildings, including government, IT parks, offices, residential, banks, airports, and more, are transitioning to green.
- The council's goal is to become a global leader in sustainable built environment by 2025.



CII-GODREJ GREEN BUSINESS CENTRE (GBC)

- Established in 2004 as CII's Developmental Institute on Green Practices & Businesses.
- Provides advisory services on natural resource conservation.
- Housed in one of the world's greenest buildings.
- Leads the Green Building movement in India through Indian Green Building Council (IGBC).
- Inaugurated by then President of India, Dr. A. P. J. Abdul Kalam.



IGBC GREEN BUILDING RATING SYSTEMS

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- Green building rating brings together a host of sustainable practices and solutions to reduce the environmental impacts.
- Combines sustainable practices and solutions to reduce environmental impacts.
- Provides integrated approach considering resource life cycle impacts.
- Launched as a significant development in India's green building movement.



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CONTACT US

+91 6363032722

info@beyondsmartcities.in

learn.beyondsmartcities.in

#55,HMR Layout ,Bengaluru ,India



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GREEN BUILDING SPECIALIST
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