
BEYOND
SMART CITIES
GREEN BUILDING SPECIALIST
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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 5

IGBC Green Building Rating System

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IGBC ACCREDITED PROFESSIONAL OVERVIEW

This lecture discusses the IGBC GREEN building certification program, covering all building types and phases, including new construction, interior fit-outs, operations, maintenance, and core/shell.

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!

BEYOND SMART CITIES

INTRODUCTION

- Suitable for all building types and phases.
- Includes new construction, interior fit outs, operations, maintenance, and core/shell.
- Developed by IGBC to measure building performance.
- Framework for identifying, implementing, and measuring green building and neighborhood design, construction, operations, and maintenance.
- Composed of key stakeholders: architects, builders, consultants, developers, owners, institutions, manufacturers, industry representatives.
- Enhances rating system content and process.

IGBC GREEN SYSTEM GOALS

- Addresses climate change and ESG goals.
- Enhances resilience and supports equitable communities.
- Focuses on the big picture, considering all critical elements.
- Aims to reduce global climate change contribution.
- Enhances individual human health.
- Protects and restores water resources.
- Protects and enhances biodiversity and ecosystem services.
- Promotes sustainable/GREENPro material cycles.
- Enhances community quality of life.



IGBC GREEN OVERVIEW AND PROCESS

- Sustainable Architecture and Design
- Site Selection and Planning
- Water Conservation
- Energy Efficiency
- Building Materials and Resources
- Indoor Environmental Quality
- Innovation and Development
- Enables design and construction of all building types.
- Different levels awarded based on total credits.
- Mandatory, non-negotiable requirements for all green new buildings.




IGBC Green New Buildings Rating System
IGBC Green Existing Buildings Operations & Maintenance
IGBC Green Existing Buildings O&M Rating System
IGBC Green Interiors
IGBC Green Interiors Rating System
IGBC Green Data Center Rating System
Pilot Version
IGBC Green Homes
IGBC Green Homes Rating System
Detailed Reference Guide
IGBC Green Residential Societies
IGBC Green Residential Societies Rating System
IGBC Rating System
IGBC Net Zero Energy Buildings Rating System
IGBC Green Factory Building Rating System
IGBC Green SEZ
IGBC Green SEZ Rating System
IGBC Green Schools Rating System
IGBC Green Schools Rating System
IGBC Green Campus
IGBC Rating System for Green Campuses (New & Existing)
IGBC Green Townships
IGBC Green Townships Rating System
IGBC Green Landscape
IGBC Green Landscape Rating System
IGBC Green Cities
IGBC Green Resorts Rating System
IGBC Green Villages
IGBC Green Places of Worship
Rating System
IGBC Green Mass Rapid Transit System (MRTS) Rating
Version 1.0
IGBC Green Healthcare Facilities Rating System
IGBC Healthy Building Rating
IGBC Healthy Building for Occupants
Green Railway Stations
Rating System
IGBC Green Hill Habitat
(For New & Existing Cities)

IGBC GREEN Residential



IGBC Green Homes



IGBC Green Residential Societies



IGBC Green Affordable Housing



IGBC NEST

IGBC GREEN Commercial



IGBC Green New Buildings



IGBC Green Existing Buildings



IGBC Health and Well-being



IGBC Green Healthcare



IGBC Green Data Center



IGBC Green Service Buildings



IGBC Green Resorts



IGBC Green Interiors

IGBC GREEN Built Environment



IGBC Green Townships



IGBC Green Cities



IGBC Green Existing Cities



IGBC Green Hill Habitat



IGBC Green Mass Rapid Transit System



IGBC Green Existing Mass Rapid Transit System



IGBC Green Railway Stations



IGBC Green High Speed Rail



IGBC Green Landscapes

BEYOND SMART CITIES

PRINCIPLES

+ Scale for greatest impact.
+ Decarbonize the building industry swiftly to reflect the urgency of the climate crisis.
+ Inspire and recognize adaptive and resilient built environments.
+ Invest in human health and well-being.
+ Create environments in which diversity, equity and inclusivity thrive.
+ Support flourishing ecosystems through regenerative development practices.



HOW IGBC GREEN WORKS

IGBC Certification Process

- Projects earn points by adhering to prerequisites and credits.
- Projects undergo verification and review by IGBC.
- Points correspond to IGBC certification levels: Certified (40-49 points), Silver (50-59 points), Gold (60-74 points), and Platinum 75+ points).



The threshold criteria for certification levels are as under:

Certification Level	Owner-occupied Buildings	Tenant-occupied Buildings	Recognition
Certified	40 - 49	40 - 49	Best Practices
Silver	50 - 59	50 - 59	Outstanding Performance
Gold	60 - 74	60 - 74	National Excellence
Platinum	75 -100	75 - 100	Global Leadership

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IGBC AP EXAM QUESTION BANK

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