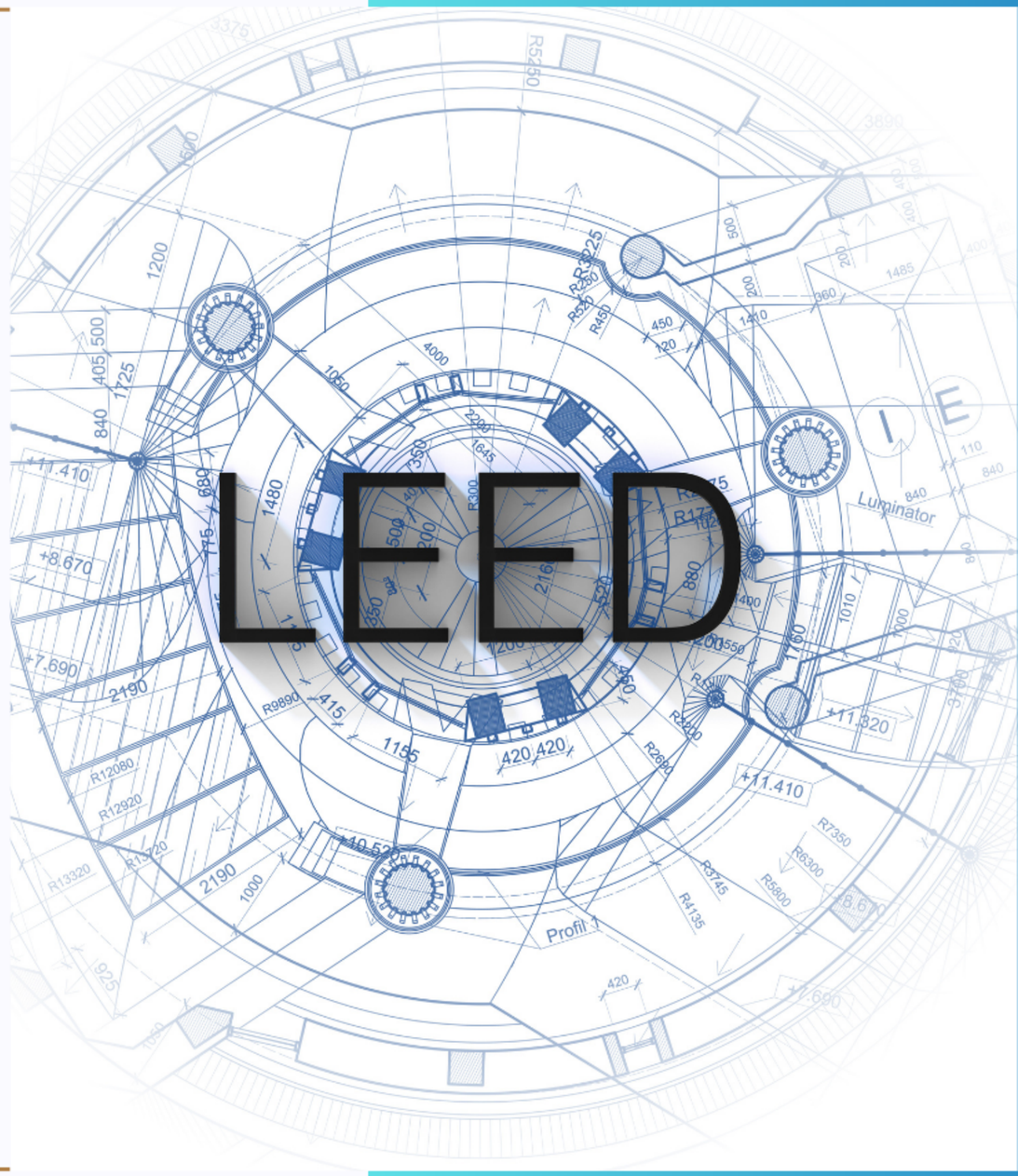

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LEED GREEN ASSOCIATE EXAM
REFRESHER
ONLINE TRAINING BY KRISHNAJI PAWAR
LEED AP(BD+C),GSAS CGP,GCP,ISO 14001
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MODULE 6

LEED Certification Process



KRISHNAJI PAWAR - CEO & FOUNDER

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

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LEED GREEN ASSOCIATE EXAM REFRESHER

LEED certification is a framework used by owners and project teams to measure and celebrate sustainability goals. It allows people to choose green options that align with their project's vision and needs.

Learning Objectives

- Introduction and Course Outline
- Knowing the Process of LEED Credentialing
- Basic Concepts of Sustainable Design
- Organizational Fundamentals
- LEED Green Building Rating System
- LEED Certification Process
- Getting a LEED Green Associate Credential
- Integrative Strategies
- Location and Transportation
- Sustainable Sites

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INTRODUCTION

- LEED certification is used by owners and project teams to measure and celebrate sustainability goals.
- The framework empowers individuals to choose green options that align with their project's vision and needs.
- The rating system chosen should fit the project's goals, scope, and spatial program.
- Adaptations for common project types, such as Schools, Hospitals, Data Warehouses, Core and Shell, highlight sustainable approaches unique to specific building types.
- • The Minimum Program Requirements and prerequisites of the selected rating system are reviewed.
- A certification strategy is developed and credits are selected, tailored to the project's identity, region, site, and specific goals.
- The LEED scorecard is used as a tool for this stage.
- Additional resources include USGBC’s project directory, people directory, Guide to LEED Certification - Commercial, and USGBC education courses.



MUST-KNOW LEED TOPICS

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WHAT IS LEED ONLINE?



- An online platform shared by USGBC and GBCI.
- Allows project registration, certification fee payment, and uploading of LEED submittals, documentation, and photos.
- Provides access to credit templates and calculators.
- Facilitates contact with project reviewers, customer support, and credit interpretation rulings.
- Credit templates are used to document LEED prerequisites and credits.
- Credit calculators are built into templates for calculations.
- All project team members can access uploaded prerequisites and credits.

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LEED MINIMUM PROGRAM REQUIREMENTS OVERVIEW

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- MPRs are minimum standards for every LEED project to pursue LEED certification.
- They determine if a project can pursue LEED certification and provide guidance on eligible projects.



Three MPRs are

1. Every project must be in a permanent location on existing land
2. Must use reasonable LEED boundaries
3. Must comply with project size requirements



LEED MINIMUM PROGRAM REQUIREMENTS OVERVIEW+



- Projects must be in a permanent location on existing land.
- Projects designed to move at any point in their lifetime are not eligible for LEED certification.
- Prefabricated or modular structures can be LEED-certified as long as they are installed permanently.
- Projects must be located on existing land to avoid artificial landmasses.
- The LEED project boundary must include all contiguous land supporting the project's operations.
- The gross floor area of the LEED project should not be less than 2% of the gross land area within the LEED project boundary.
- All LEED projects must meet size requirements according to their rating system.

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THE STEPS TO CERTIFICATION

- Initiate discovery phase.
- Select LEED rating system.
- Check minimum program requirements.
- Establish project goals.
- Define LEED project scope and boundary.
- Develop LEED scorecard using project goals.
- Establish target LEED certification level.
- Continue discovery phase and reassemble team.
- Continue iterative process until solutions satisfy team and owner.
- Assign roles and responsibilities.
- Develop consistent documentation during design and construction phases.
- Perform quality assurance review and submit for certification.





LEED CERTIFICATION PROCESS OVERVIEW

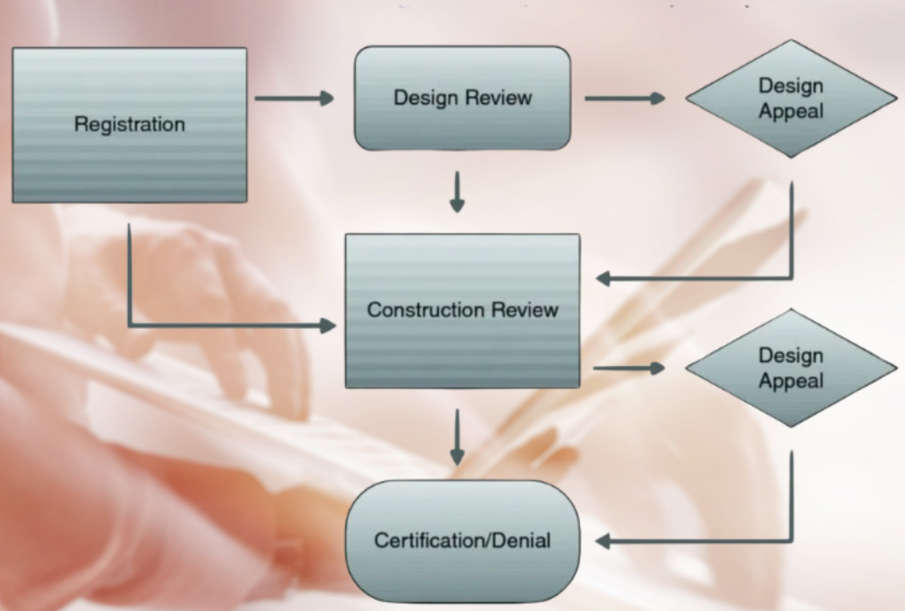


- Project registration: Team administrator signs in to LEED-Online, clicks "Create New Project" button, enters project details (name, start/end dates, gross area, owner organization, contact information, project address).
- Acceptance of GBCI certification agreement: Third step involves payment, registration information confirmed with receipt.
- Project administrator accesses project's LEED-Online page via "My Projects" tab.

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THE CERTIFICATION PROCESS

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LEED INTERPRETATION OVERVIEW

- Similar to credit interpretation rulings (CIRs), LEED interpretations are issued when project teams need clarification on technical details of prerequisites, credits, or MPRs.
- LEED interpretations are precedent-setting, allowing every LEED project to use and adhere to them.
- They are published online on USGBC's website and subject to a consensus-based review, taking longer than a CIR review.
- CIRs are not posted online and are not applicable to other projects.
- The fixed cost of issuing a LEED interpretation is $180 more than issuing a CIR.
- LEED interpretations are administered by USGBC and can be part of addenda.



THE TIME FRAMES OF CERTIFICATION REVIEWS





- Project teams submit for review and wait 25 business days for response.
- Certification body updates LEED-Online to indicate anticipated or denied credits or prerequisites.
- Teams have 25 business days to respond with clarifications.
- Teams wait 15 business days for confirmation of clarified credits or prerequisites.
- If submitting for design review, team repeats steps at substantial completion for construction review.
- Final decision to award or deny credits and prerequisites occurs during this review process.

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LEED GA EXAM QUESTION BANK

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CONTACT US

+91 6363032722

info@beyondsmartcities.in

learn.beyondsmartcities.in

#55,HMR Layout ,Bengaluru ,India



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