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**Transforming the Indian**  
Built Environment through  
Sustainability

**GREENSTAR**  
Green Building Certification Program



# Program Overview & Vision

## Executive Summary

The ICTI GREENSTAR certification program stands out by being affordable, efficient, transparent, and performance-oriented. Its balanced approach, combined with high-quality oversight and user-friendly processes, makes it an ideal choice for new buildings seeking credible and practical sustainability certification.

- **GREENSTAR** Green Building Certification Program works under the aegis of the International Confederation of Trade and Industry. (ICTI)
- At par with other leading **Green Certification Programs** with robust verification & validation.
- User-friendly, structured process:
  - Pre-certification : 15 days
  - Final certification: 25 days

## Vision & Guiding Principles:

**Vision:** Transform the Indian built environment into a global sustainability leader.

### Principles:



#### Locally Relevant

Tailored to India's climate, social, economic context.



#### Innovation

Reward creative, sustainable solutions.



#### Performance-Based

Measurable outcomes, not prescriptive.



#### Holistic

Across building life cycle.

## The GREENSTAR Certification Process:

### Certification Levels and Ratings

Projects are awarded points based on their performance across all credit categories. The total points accumulated determine the certification level. To be eligible for certification at any level, a project **must first meet all mandatory prerequisites**.

- **2 Star:** 40–49 Points
- **3 Star:** 50–59 Points
- **4 Star:** 60–79 Points
- **5 Star:** 80+ Points

# Key Performance Areas & Requirements:

## Chapter 1: Sustainable Site Planning & Management

- P1: Sustainable Site Selection (Prerequisite)
- C1.1: Protection of Green & Ecological Zones (2–4 Points)
- C1.2: Heat Island Reduction (Roof & Non-Roof) (3–5 Points)
- C1.3: Low-Impact Design & Stormwater Management (2–3 Points)
- C1.4: Proximity to Public Transport & Basic Amenities (3–5 Points)

## Chapter 2: Water Efficiency

- P2: Water Metering (Prerequisite)
- C2.1: Reduction in Water Consumption (Indoor) (4–8 Points)
- C2.2: Wastewater Treatment & Reuse (3–5 Points)
- C2.3: Rainwater Harvesting & Groundwater Recharge (3–5 Points)
- C2.4: Water-Efficient Landscaping (2–4 Points)

## Chapter 3: Energy & Atmosphere

- P3: Minimum Energy Performance (Prerequisite)
- C3.1: Enhanced Energy Performance (5–15 Points)
- C3.2: Renewable Energy Utilization (On-site & Off-site) (4–8 Points)
- C3.3: Passive Design & Daylighting (3–5 Points)
- C3.4: High-Performance Building Envelope (3–5 Points)
- C3.5: Commissioning & Verification (3–4 Points)
- C3.6: Ozone-Depleting Substance Management (2–3 Points)

## Chapter 4: Materials & Resources

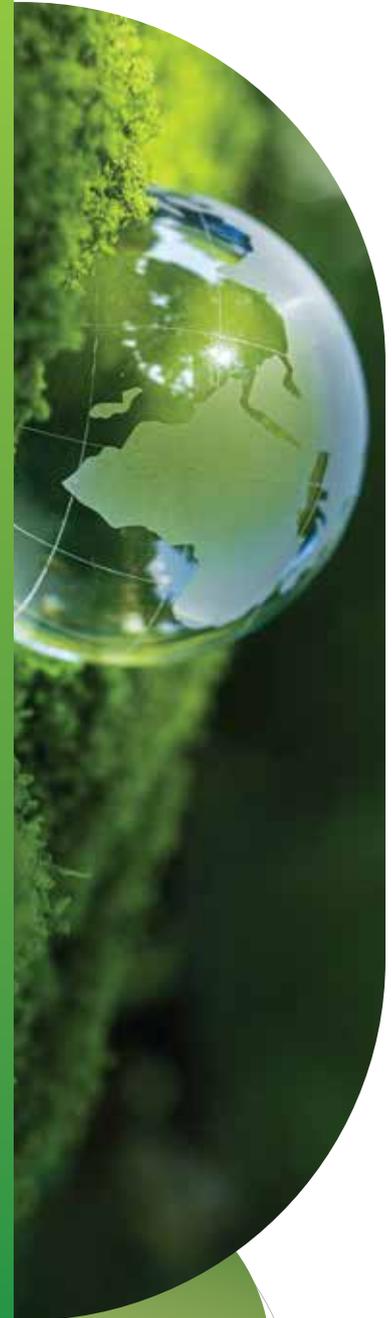
- C4.1: Building Material Life Cycle Assessment (LCA) (3–5 Points)
- C4.2: Use of Recycled Content Materials (2–4 Points)
- C4.3: Use of Regional and Local Materials (2–4 Points)
- C4.4: Responsible Sourcing & Certified Materials (3–5 Points)
- C4.5: Construction Waste Management (3–5 Points)

## Chapter 5: Indoor Environmental Quality & Health

- P5: Minimum Indoor Air Quality (IAQ) Performance (Prerequisite)
- C5.1: Thermal & Acoustic Comfort (3–5 Points)
- C5.2: Use of Low-Emitting Materials (2–4 Points)
- C5.3: Occupant Health, Well-being & Safety (2–3 Points)
- C5.4: Operational Waste Management (2–4 Points)
- C5.5: Socio-Economic Impact & Community Engagement (2–4 Points)

## Chapter 6: Innovation & Design Process

- C6.1: Innovation in Design (1–5 Points)
- C6.2: Universal Accessibility (2–4 Points)
- C6.3: Education and Awareness (1–3 Points)



# Benefits of the ICTI GREENSTAR Green Building Certification Program

The **ICTI GREENSTAR** certification program offers a forward-thinking, practical, and value-driven alternative to established rating systems such as **IGBC, LEED, and GRIHA**. Designed to suit modern construction needs, it emphasizes simplicity, affordability, and high-quality environmental performance. Key benefits include:

## 1. Not-for-Profit, Public-Interest-Focused Framework

Unlike many commercial certification systems, ICTI GREENSTAR operates on a **not-for-profit model**, ensuring that the program's primary objective is sustainability impact rather than revenue generation. This results in unbiased assessments, transparent processes, and fairer evaluation criteria.

## 2. Lower Cost and Better Accessibility

One of the strongest advantages over other rating programs is **significantly reduced certification cost**. Lower fees make the program more accessible for small and mid-scale projects without compromising technical rigor. This enhances adoption and encourages wider participation in green building practices.

## 3. Streamlined, Less Complex Procedures

Where many rating systems are perceived as documentation-heavy, ICTI GREENSTAR offers a **simplified and user-friendly certification process**. Reduced paperwork, faster reviews, and straightforward compliance requirements save time, resources, and administrative effort for project teams.

## 4. Prompt, Efficient, and Supportive Team

The program is known for its **highly responsive technical and administrative support**, ensuring quick clarifications, faster turnaround during evaluations, and smoother end-to-end coordination. This improves project predictability and reduces delays during certification.

## 5. Rigorous and Practical Quality Checks

ICTI GREENSTAR places strong emphasis on **practical quality verification**, focusing on real-world performance rather than excessive theoretical documentation. This ensures that certified buildings truly achieve energy efficiency, water conservation, and environmental performance goals.

## 6. Value-Added Recommendations and Expert Guidance

Beyond certification, the program provides **actionable insights** to enhance building performance. These value-added recommendations help projects optimize design, improve operational efficiency, and achieve long-term savings—an advantage not always offered in other rating systems.

## 7. Strong Evaluation of Design and Construction Practices

The program delivers a **holistic and balanced assessment** of architectural design, engineering practices, material selection, and construction efficiency. This results in more resilient, resource-efficient buildings that meet both sustainability and occupant-wellbeing objectives.

## 8. Flexibility and Customization for Diverse Project Types

ICTI GREENSTAR allows greater flexibility in meeting criteria, accommodating local building practices, climatic variations, and project-specific constraints more effectively than many traditional rating systems.

## 9. Faster Certification Timelines

Thanks to simplified evaluation and a proactive review team, projects typically experience **shorter certification cycles**, enabling quicker marketability and operational readiness.

## 10. Encouragement of Innovation and Local Solutions

The program promotes innovative, cost-effective, and region-appropriate sustainability measures, supporting local materials, technologies, and engineering solutions—reducing dependency on expensive imported systems often favored in some global rating schemes.



# Future of Green Buildings



**Smart Buildings:** Sensors & AI optimize energy, IAQ, maintenance



**Regenerative Buildings:** Give back to environment, restore ecosystems



**Biophilic Design:** Natural light, living walls, views improve occupant wellbeing

# Thank you for **choosing** a **greener** path.

At ICTI GREENSTAR, we believe every building has the power to shape a sustainable future. By adopting efficient design, responsible materials, and community-focused practices, you are contributing to a healthier environment and a better tomorrow.

*Together,*

*we build spaces that save resources, improve lives, and inspire change.*



***Certifying Buildings...  
Creating Sustainable Futures...***