



KAVIRA CREATIONS
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COMPANY PROFILE

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THINK OF BUILDING - THINK OF KAVIRA CREATIONS



SERVICES

- 1 **Project Management Consultancy (PMC Services)**
- 2 **Green Building Consultancy**
- 3 **Turnkey Solutions for Industries**



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What is Green Building?



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- Uses less water
- Optimizes energy efficiency
- Conserves natural resources
- Generates less waste
- Provides healthier spaces for occupants as compared to a conventional building
- Leads to Sustainable Development



Energy Efficiency



Use of Renewable Energy



Water Efficiency



**Use of Recycled/
Recyclable Products**

SUSTAINABLE DEVELOPMENT

Use of Resources to meet
our needs without depriving
the resources for future
generations



Green Building v/s Conventional Buildings

Externally:

Both look alike

Building Use:

Both look same

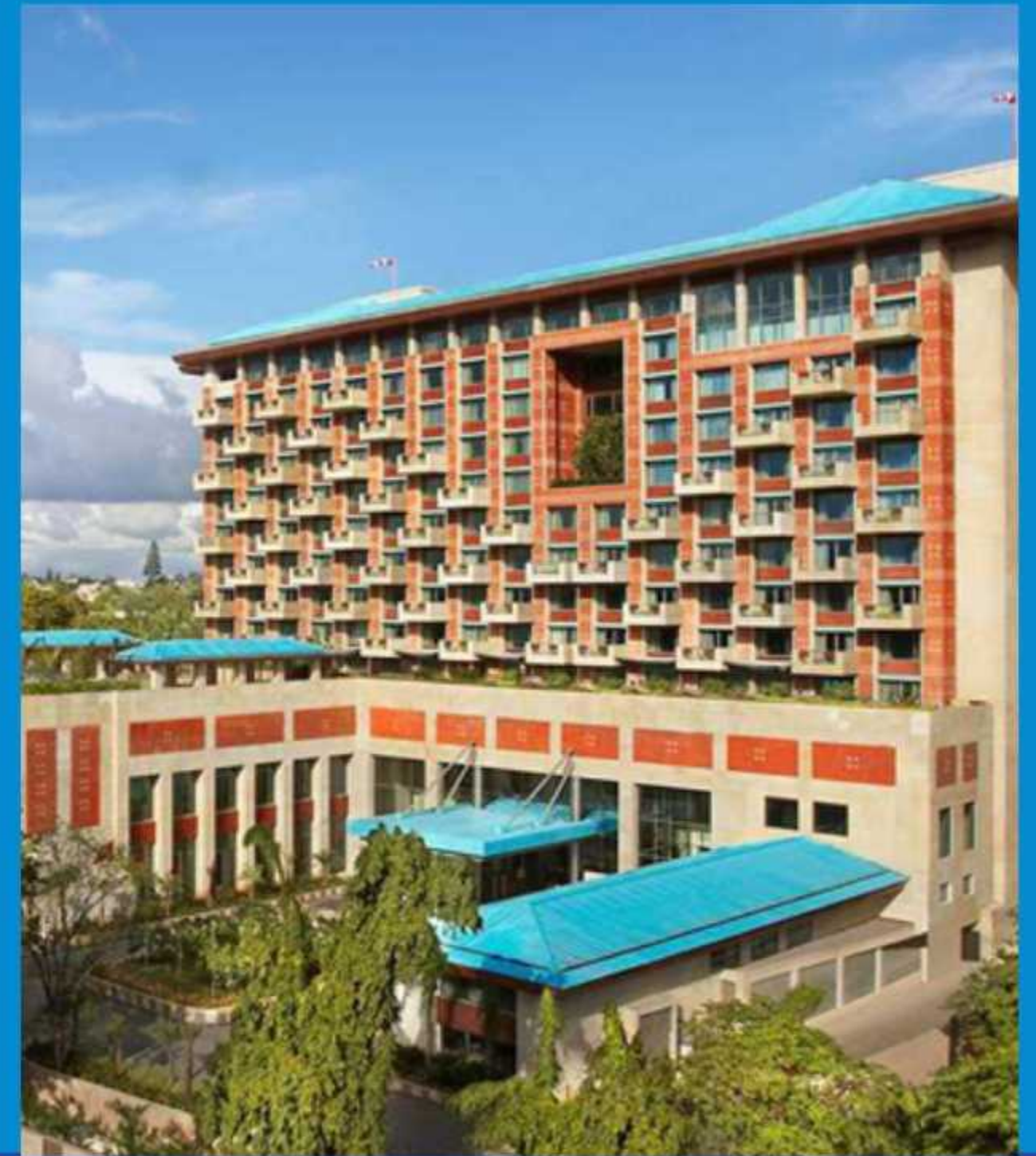
Differences:

- Conserve natural resources
- Concern for human comfort & Indoor Environment
- Operational savings



TANGIBLE BENEFITS

- Reduce operating costs
- Optimize life cycle economic performance
- Fast track environmental clearance by MOEFCC.
- Additional FAR (5 to 15%)
- Subsidy for MSME's reimbursement of 50% of amount paid to the suppliers for the plant, excluding civil work, for adopting Green
- Up to 50% reduction in consent fee & Free one year extension in Consent Period by RPCB
- Discounts in property tax up to 15% for home owners
- Reimbursement of Certification fee & Financial assistance at concessional rates from Small Industries Development Bank of India (SIDBI) for MSME.
- Token benefit up to Rs 2 lakh on long term loans availed from RIICO. The benefits are available to existing industries also willing to make the required changes and undergo green building certification.



Energy Savings: 40-50%
Water Savings: 20-30%
Additional FAR: 5-15%



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INTANGIBLE BENEFITS

- *Environmental benefits*
- *Reduce impact on the environment*
- *Health and Safety benefits.*
- *Enhance occupant comfort*
- *Improve Productivity of occupants*
- *Use of Green Logo as USP*



Green Building Rating System – Focus areas

A whole-building approach to sustainability by recognizing performance in five key areas



Sustainable Sites



Water Efficiency



Energy & Atmosphere



Material & Resources



Indoor Environmental Quality



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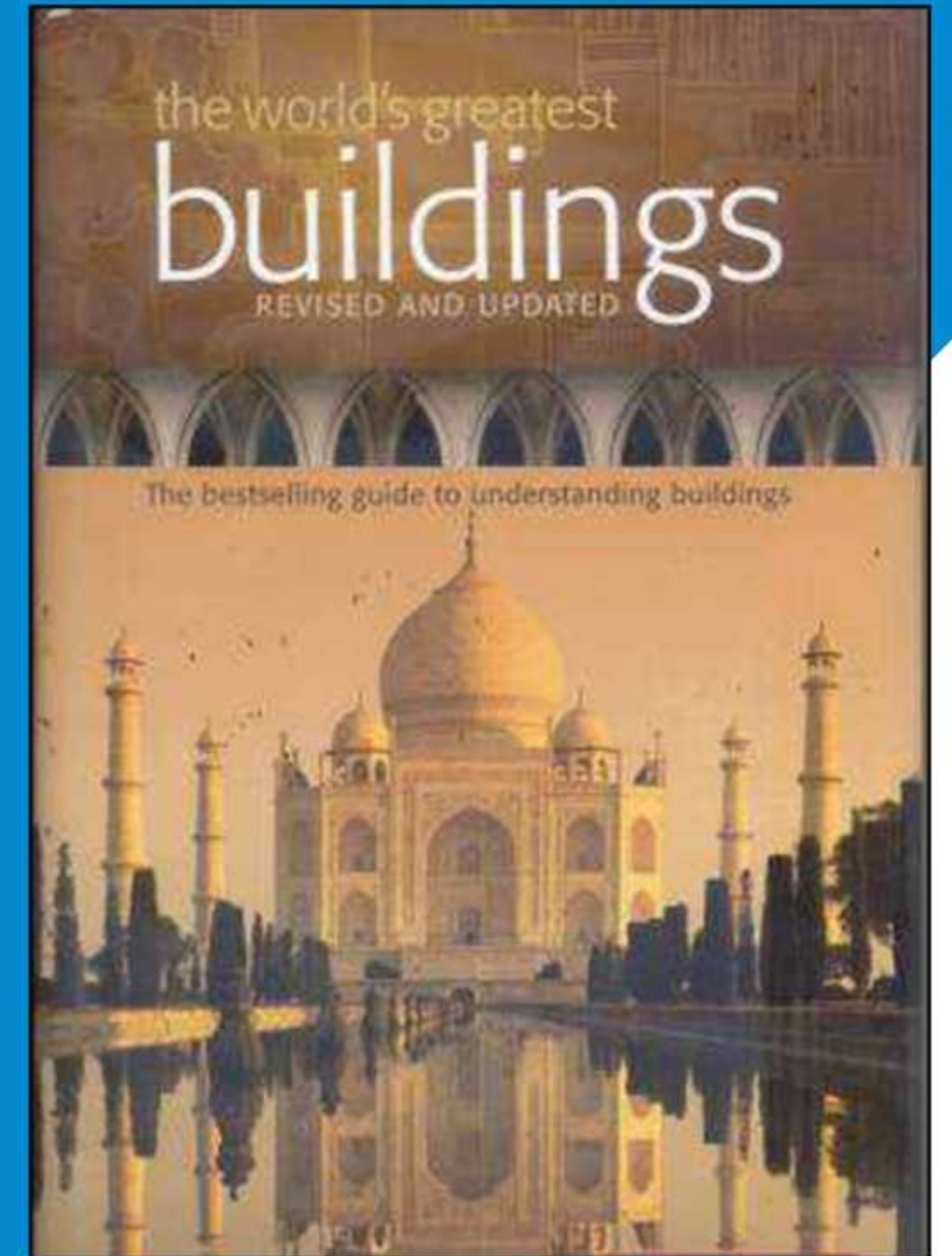


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Rediscovery of the Indian Ethos

5 elements of Nature (Panchabhutas)

Prithvi (Earth)	Sustainable Sites
Jal (Water)	Water Efficiency
Agni (Fire)	Energy & Atmosphere
Vayu (Air)	Indoor Environment Quality
Akash (Sky)	Daylight, Night Sky Pollution





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IGBC's LEED 2011 for India

Points for Individual Credits

	Credits	Possible Points
	Prerequisites (8)	-
1	Sustainable Sites	26
2	Water Efficiency	10
3	Energy and Atmosphere	35
4	Materials and Resources	14
5	Indoor Environmental quality	15
6	Innovation and Design	6
7	Regional Priority	4
	Total	110



Complying with Prerequisites is mandatory

Certification Levels

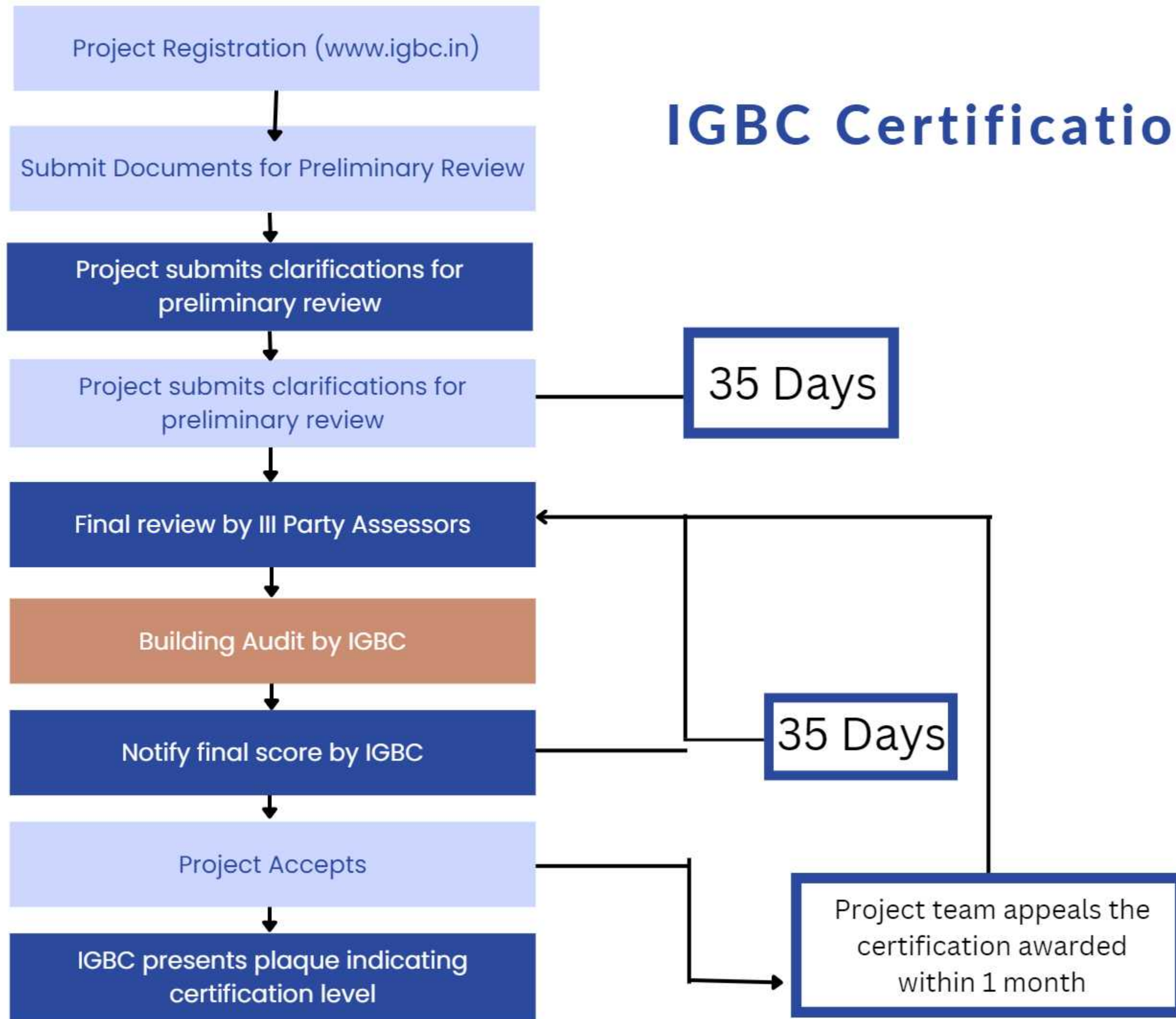


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Rating	New Construction (NC)
Certified	40-49
Silver	50-59
Gold	60-79
Platinum	80 & above



IGBC Certification Process



Sanand (New Plant) & Kaladwas (Existing) - IGBC Green Platinum Rated

Extraordinary features incorporated in the project :

1) Building Envelop:-

- Retained water body & grown up trees.
- Passive/Radiant Cooling thru floor.
- Thermal Insulated walls, glass fenestration, Roofs.
- Best use of Cool Day Light (on north; East & West)

B) Renewable Energy: On Site Solar Power Plant (570 kWp)

C) Irrigation & Water Management :-

- Waste Water Recycling & reuse for Irrigation & flushing.
- Use of Porous pipes for irrigation. Aerators for low flow rate.
- Meander type Septic Tank with RZT for black water
- Rain Water Harvesting for 100% of Roof & Non Roof run off.
- Bio Gas Plant for Kitchen Waste

D) Energy Efficiency & Indoor Air Quality:-

- BMC & Automated Controls for HVAC & Lighting
- High COP HVAC, Indoor Air quality monitoring & automated injection of fresh air.
- Use of Light Pipes, Lux Sensors, Timers & Proximity switches for lighting controls.



Leadership Profile

Dhiraj Tak: As a founder of Kavira Creations, Dhiraj plays the role of the principal Consultant. He is an Engineer with over 25 years of experience in handling Civil projects and Project management. Dhiraj has played a key role in delivering residential, Industrial and Commercial projects in and around Udaipur (Rajasthan), Delhi, Baddi (Himachal Pradesh) & Sanand-Ahmedabad (Gujrat) Industrial areas.



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Why Kavira Creations?



Professionalism: *A company with sound principles, Vision, Mission and dedication toward excellence.*

Experience: *Having experience of more than 25 years'. IGBC-AP (Accredited Professional).*

Responsibility to Execute & Deliver: *The contract is executed by technically well experienced and qualified staff.*

Economical: *Once the quote is approved, there will be no extra expenses. We stick to the quote.*

Our Happy Clients



Thank You

Contact Us



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