

Green Library

A Sine qua non feature of Libraries



Adarsh Pastor

Library Intern (TFE)

Central Library

Indian Institute of Technology Delhi

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Green library: a view

A "Green Library" is an environmentally friendly or eco-library. 'Green' or 'Sustainable Libraries' are structures that are designed, built, rebuilt, operated, or repurposed in a way that is environmentally and resource efficient.

► According to the Online Dictionary of Library and Information Science (ODLIS)

“A 'Green Library,' also known as a 'Sustainable Library,' is "a library created with environmental issues in mind.”

Features of Green Library

1. Use of natural, recycled, and locally available materials.
2. Use of reflecting roof and ground.
3. Use of energy-efficient lighting to reduce consumption.
4. System for optimized cooling.
5. Appropriate plantation both inside and outside the building.
6. Circulation of fresh and healthy air.
7. Use of environmentally friendly technology.

Elements of Green Library

- ▶ Choice of Site
- ▶ Maintenance of Water
- ▶ Maintenance of Energy
- ▶ Stuff of Structure
- ▶ Attribute of Household Air

Role of international and national organization in green library initiative

► ISO 14020

► ISO 14024

to establish principle And procedures for environmental labels

► IFLA Green library award

- Sponsored by De Gruyter Publishing
- given to libraries and projects that best communicate their commitment to environmental sustainability.
- 2023 winner: Biblioteca EPM, Cucuta, Colombia

▶ ALA sustainability and programming: ALA: Connect Live

▶ CILIP green libraries initiative: Green libraries partnership

Motto: “Working together for people and planet”

▶ LEED (Leadership in Energy and Environmental Design)

- The world's most widely used green building rating system.
- Provides a framework for healthy, highly efficient, and cost-saving green buildings, which offer environmental, social and governance benefits.
- It is a globally recognized symbol of sustainability achievement

Indian Efforts

- ▶ In collaboration with **USGBC - (United States Green Building Council)** Indian Green Building Council carries out the activities in India.
- ▶ **LEED** has also established its hubs in different countries to provide rating certifications locally; in India it is known as LEED-India.
- ▶ In India another Green building rating system known as **Green Rating for Integrated Habitat Assessment (GRIHA)** initiated by Tata Energy and Research Institute, New Delhi – TERI. It also carried out Green Building Movement in India.

Way to make **your** library little greener

- ▶ Use fans
- ▶ Take advantage of windows
- ▶ Use ecofriendly lights
- ▶ Switch to safe cleaning products
- ▶ Use recycled paper
- ▶ Recycled ink cartridges
- ▶ Digitized your library

Way to make your library little greener

- ▶ Automatic control: install motion sensors and timers for lighting
- ▶ Installed solar panel on roof
- ▶ Start a paper drive: ask the patrons, Help us go green, donate your unused blank paper
- ▶ Using the web: take advantage of all the web tools and sites you can use to cut down on paper
- ▶ Move accounts online
- ▶ Create an online catalogue
- ▶ Send E-mail updates

Way to make your library little greener

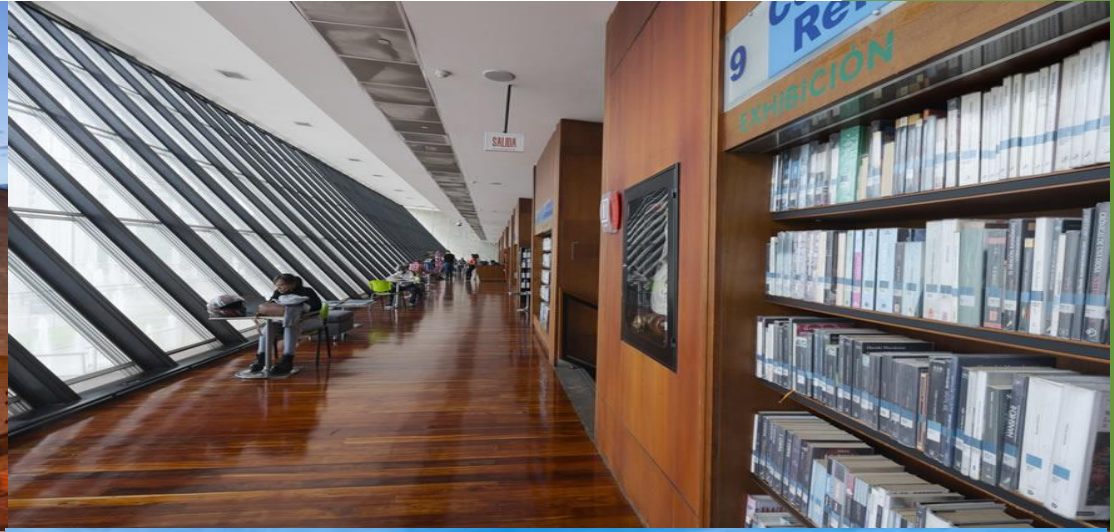
- ▶ Outdoor areas: Create and maintain green outdoor areas, plant trees around the library building.
- ▶ Indoor plants: Incorporate indoor plants to improve air quality and enhance the environment.
- ▶ Green certifications: Aim for green building certifications such as LEED
- ▶ Honour your “greenest” library patrons and professionals.

Everyday Tips

- ▶ No more paper receipts
- ▶ Use both sides of papers
- ▶ Place a plant on your working desk

Green library in the world

IFLA Green Library award winner: Biblioteca EPM, Library in Medellín, Colombia



Green Library in India

Anna Centenary Library

State Library of the Government of Tamil Nadu located at Kotturpuram, Chennai



IIT Delhi: Central Library

Green Initiatives

Outdoor plantation: Reduce the heat of building and provide fresh air



Indoor plantation: Improving the air quality of library



Solar panels installed on roof:

Maximize the use of RENEWABLE energy



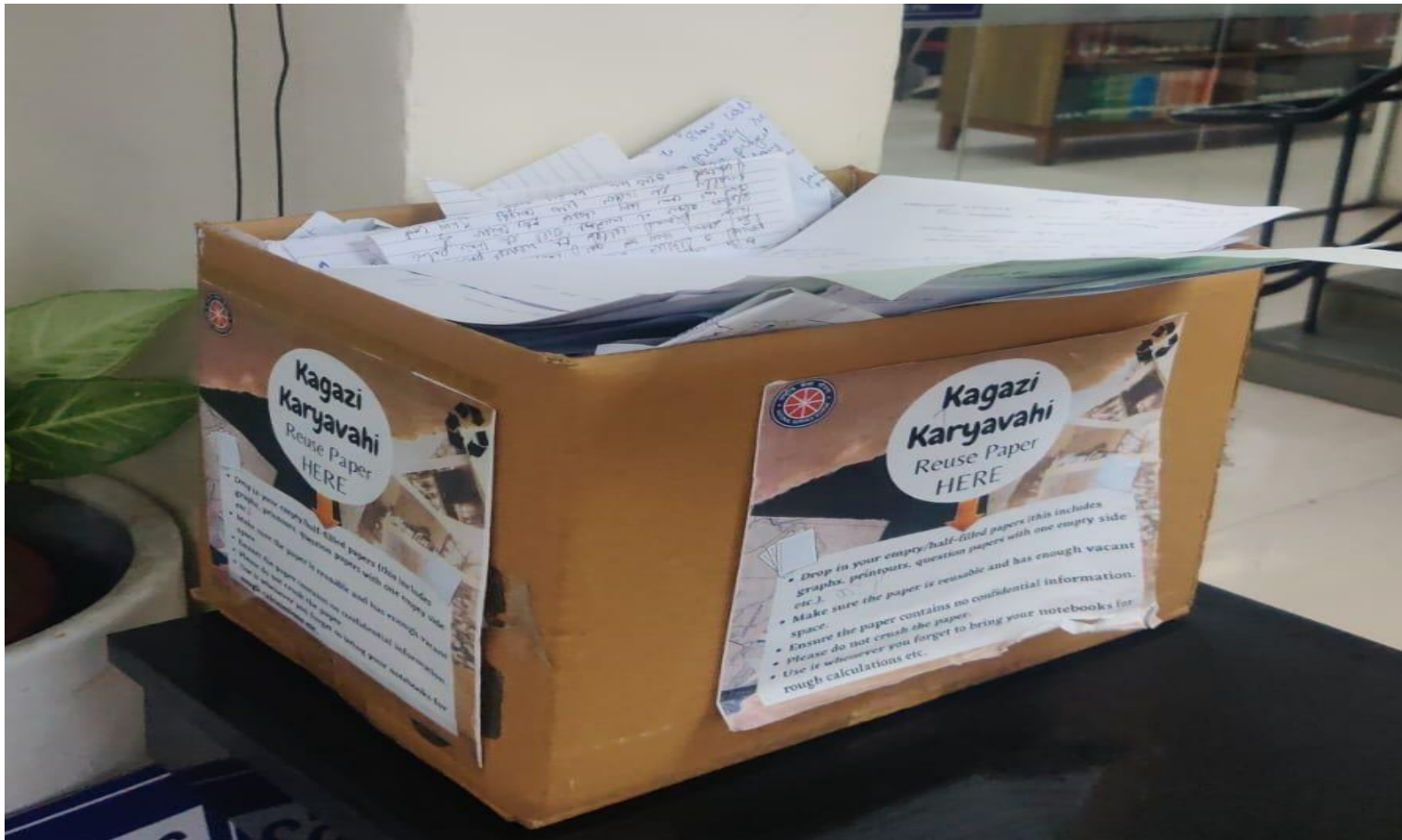
The Library's large windows help cut electricity use



OPAC: Cut down the use of paper



Kagazi Karyavahi: maximum use the paper



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THANK YOU