NOT **GREEN** . NOT **BLUE**.

sensible campus planning

ARCHITECTS:
C P KUKREJA ASSOCIATES
CP Kukreja Associates
Efficient green building design for Gautam Buddha University

Sanjay Dutt's Office has a futuristic edge

Design Excellence:
Vistasp Bhagwagar, Bakir & Ali Baldiwala, Ahsan Ansari, Naushil Hansraj, Isabelle Miaja, Supraja Rao, Naved Patel & Riteish Deshmukh
Gautam Buddha University, Greater Noida
The campus is being planned as a Green campus with the aim to obtain GRIHA 4/5 star rating and incorporates a host of green building features and innovations such as:

**Sustainable Site Planning**: This involves the use and integration of the existing site features, vegetation and passive solar techniques into the master plan design, to preserve and protect landscape and top soil during construction, to minimize site disturbance and air/noise/soil/water pollution during construction, minimize road/paved/parking area for on-site circulation efficiency, efficient planning of utilities, etc.

**Efficient Utilization of Resources and Energy Conservation**: To maximize resource conservation and to enhance efficiency of the planned systems/design by:

Reducing Water requirement/consumption by use of native species, drip irrigation techniques, etc. to reduce landscape water demand, efficient water use during construction and use of low-flow fixtures to efficiently reduce human water consumption.

**GREEN BUILDING FEATURES**

1. **HORIZONTAL VENTILATION**
2. **VERTICAL VENTILATION**
3. **VERTICAL VENTILATION**
BIHAR POLICE ACADEMY

GREEN BUILDING FEATURES

Optimizing building design to reduce conventional energy demand, by maximizing availability of natural daylight and efficient planning of artificial lighting.

- Optimizing building design to reduce conventional energy demand, within specified comfort limits.
- Energy materials: Use of low energy materials, use of fly ash and use of efficient systems.
- Renewable Energy Systems: Use of renewable energy systems, like solar power, solar heating systems, wind power etc. to reduce conventional energy demand.
- Water conservation thru Recycle, Recharge and Reuse: To maximize water conservation, all used water is being recycled through Sewage Treatment Plant (STP) and being reused for irrigation and flushing purposes. Rain water is collected and used for ground water recharging.
- Waste Management: It is proposed to minimize waste generation during construction, maximize resource recovery from waste through efficient segregation and recycling measures, generation of energy from biodegradable waste, etc.
- Health and Well being: It is proposed to use Low VOC paints, adhesives and sealants, minimize use of Ozone depleting substances, ensure water quality as/IS standards, maintain outdoor noise levels within acceptable limits, make the campus accessible and user friendly for the physically challenged and disabled, etc. to ensure healthy indoor air quality, water quality and noise levels.
Jawahar Lal Nehru University, Delhi
Jawahar Lal Nehru University, Delhi
PATHWAYS WORLD CAMPUS, GURGAON (Selected as best institutional designs in the world in New York)