GreenTree Building Energy Pvt Ltd
C-41, Sector 34, Noida, UP - 201307
H-19, Sector 63, Noida, UP - 201301

Domestic Presence
New Delhi (Registered Office) | Mumbai
Kolkata | Lucknow

Global Presence
Bangladesh | Canada | UAE | Turkey

GRIHA Summit 2015
Sustainable Planning & Energy Consulting Firm

Smart Metering | Engineering | Green Building | MEP Services | Energy Modeling | Commissioning | CES | Energy Audit | Advisory
Considering vast open site area, it requires a filtration bed of very heavy thickness to filter rain water at pit, which in turn increases size of infiltration pit area and periodic clearing becomes difficult. Therefore, design is done to filter the water from point of source instead of at the rain water pit for effective filtration before recharge to ground.

- Campus is a zero waste discharge project. All the waste that is generated from kitchen and the manure that is collected locally from near by places is digested and the biogas is used for cooking purpose in hostel kitchen.
- The effluents that is generated, is used in the landscape.
Battery operated vehicle is used for the purpose of in-campus transport, thereby avoiding onsite pollution.

A biodiesel filling station is available and the biodiesel is manufactured within the campus biodiesel plant.

- 100 kW Solar PV system is constructed to meet more than 30% of the internal lighting energy consumption and all exterior lighting energy requirements.

- 10,000 litres of solar water heating system designed to meet 60% of the total hot water requirement of the student hostels.

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- Lighting Energy Consumption & Solar Generation

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Estimated EPI
Conditioned: Non-Conditioned :: 18:82

Numaligarh Refinery Ltd, NRL, Guwahati
Thank you