

**GURU NANAK KHALSA COLLEGE FOR WOMEN  
GUJARKHAN CAMPUS, MODEL TOWN, LUDHIANA**



**Supporting Document  
(2024-2025)**

***7.1.2 The Institution has facilities for alternate  
sources of energy and energy conservation  
measures***

**Dr. Maneeta Kahlon  
Principal**

Dr. MANEETA KAHLON  
Principal  
G.N.Kh. College for Women  
Gujarkhan Campus, Model Town  
Ludhiana

# SOLAR ENERGY

Solar energy is a renewable resource harnessed through technologies such as photovoltaic (PV) solar panels, which use the photovoltaic effect to turn sunlight directly into electricity, and solar thermal systems, which use sunlight to heat a fluid for direct heating or to generate electricity. To address the country's energy needs, the Ministry of New and Renewable Energy (MNRE) of the Government of India has been promoting the development and implementation of new and renewable energy. Guru Nanak Khalsa College for Women is dedicated to encourage the use of solar energy and energy-saving equipment on campus.



## SOLAR LIGHT IN THE LAWN

Solar lights are installed in the college lawn to enhance illumination while promoting energy conservation. This eco-friendly initiative ensures better visibility at night and supports the campus's commitment to sustainable practices.









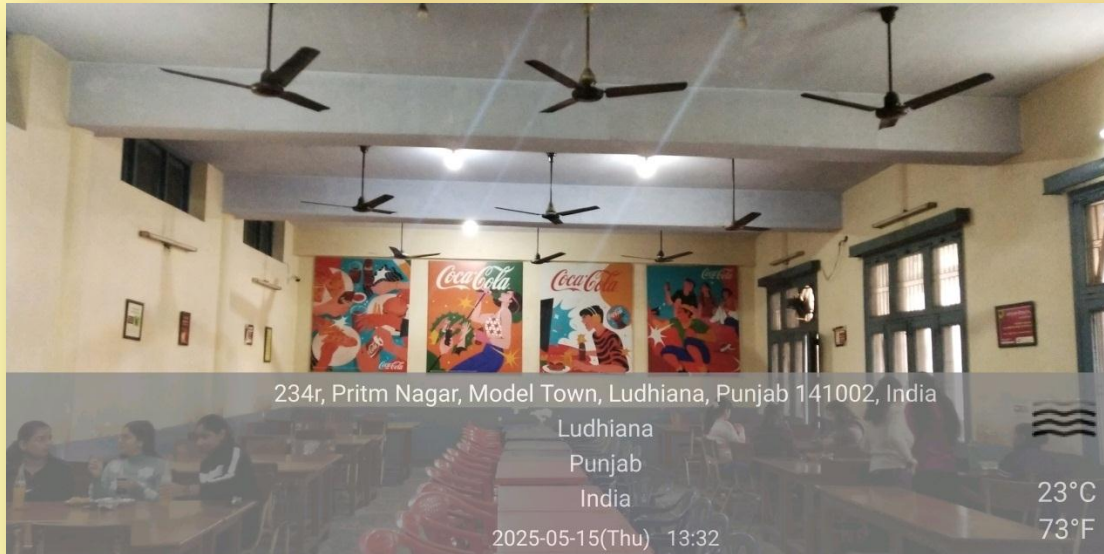
Solar Lights are installed throughout the campis to ensure reliable lightening and encourage the use of clean, renewable energy.





## LED LIGHTS IN THE CANTEEN

LED lights are installed in the college canteen to improve lighting quality and reduce energy consumption. This upgrade supports a brighter, more efficient, and eco-friendly campus environment.



## SOLAR PANELS

Solar panels are installed on the college roof to harness renewable energy and reduce dependence on conventional electricity. This initiative will help promote sustainability, and create an eco-friendly campus environment.





New ACs with better and energy saving features were installed in the campus





New ACs were installed in the hostel with better energy saving features.



## Celebration of Indian Akshay Urja Diwas

Indian Akshay Urja Diwas was celebrated in Guru Nanak Khalsa College for Women, Gujarkhan Campus, Model Town, Ludhiana on August 20, 2024. A discussion was held to raise public awareness about renewable energy sources to help build a more sustainable and energy-secure future. The day highlights the importance of clean energy sources such as solar, wind and biogas in reducing pollution and protecting the environment. Madam Principal Dr Maneeta Kahlon encouraged students to adopt sustainable energy solutions, conserve energy and support a greener, healthier future.

### LINK:

<https://www.facebook.com/gnwludhiana/posts/pfbid02cnQLpLHqYZ4XPUpHs1QgtoPNC7EZNpaYRj9ksnC99T1oXovch6Fa8cL7bWEH2yc5l>

[https://www.instagram.com/p/C-6xmVYSm4s/?utm\\_source=ig\\_web\\_copy\\_link&igsh=MzRIODBiNWFIZA==](https://www.instagram.com/p/C-6xmVYSm4s/?utm_source=ig_web_copy_link&igsh=MzRIODBiNWFIZA==)

