

7.1.3.9. Green Technologies/Environment Recourses



Figure 8: View of greenery in Dayalbagh colony

Dayalbagh community is Eco-friendly and involved in adapting newer technologies to use alternate sources of energy. Various projects of community are -

- Biogas (gobar gas) plant for power generation at Gaushala (dairy), Dayalbagh,
- Biomass gassifier and solar water heater for Dayalbhandar (community kitchen), Dayalbagh,
- Solar Street light in 10 km stretch (360 solar light poles) for villages and Soamibagh.
- Nightsoil based biogas plant (NSBP) with community latrines and bathroom facility in the villages. Total 100 cu.m.biogas plants,
- Eco-friendly campus, uninterrupted power supply due to solar power generation plant and greenery all around the campus,
- Sewage treatment plant,
- Bio diesel plant project¹⁰

Community is very devoted towards eco-friendly living and acting as a role model for other communities to take initiative for the conservation of environment and maintain ecological balance.

- ✓ A 25.5 KWP Solar Photo Voltaic System has been installed at the newly expanded Satsang Hall (Congregational Prayer Meeting). It has a unique system where the excess Solar Power is fed back to the distribution system and is thus available for use elsewhere (within the colony itself). A number of solar streetlights are being used in the colony. The 515 KWP distribution SPV Power Plants have been installed by the DEI for its various buildings. A Solar Thermal Cooking System has been installed at the Girls Hostel and DEI Boys Hostel. Other institutions like Saran Ashram Hospital, RS Urban Co-operative Bank, MCREI, etc. are also patronizing Solar Energy. The residents of the colony are participating actively for the green cause and twenty-seven residents have gone for installing rooftop PV system up to one KWP.³

- ✓ A solar electric van is being used inside Dayalbagh colony for commuting within the colony. A CNG Bus was purchased in the year 2009 for transporting pilgrims between Agra Railway Stations and Dayalbagh during Bhandaras and Special Occasions³
- ✓ Recycling of Biomass into Organic Manure:

The Biomass generated in the Dayalbagh Colony like grass, weeds, leaves are regularly collected from various Mohallas and transported to Gaushala compound for composting. This compost is being used in the agriculture fields to promote Organic Farming.³
- ✓ Since February 2010, the use of Polythene carry bags by the shops and Dayalbagh residents is being discouraged. Every Sunday, Satsang School Students go round their respective Mohallas under the guidance of their teachers to pick up and collect plastic/polythene material from the road side and open areas. These are then disposed off separately.³
- ✓ Tree plantation Drive with Society for Preservation of Healthy Environment, Ecology & Heritage of Agra- an NGO.³
- ✓ Rain Water Harvesting and Water Re-charging Initiatives:

Rain water harvesting was initiated in some houses in Prem Nagar in the year 2003 and was extended to Tejpunj Building, Satsang Hall, and Girls Hostel in the years 2004, 2007, 2008 respectively. The system has been selectively installed in other Mohallas also.³
- ✓ Keeping and plying of motor vehicles in the Colony is restricted. Bicycle is the most common mode of travel.³
- ✓ Recharge System of underground water with drain water was taken up in the 5 Mohallas with due precautions. Black water is treated and used for irrigation.³

Source: Dayalbagh Pamphlets.