

**MH-VATAVARAN**



**The Environment Society  
Miranda House**

*MH Vatavaran*, the Environment Society of Miranda House was founded in 1998. Its name was inspired by the name of the organisation *Vatavaran* founded by the well known environmentalist Dr. Iqbal Malik, due to whose motivation and encouragement the Society came into existence. The Society provides a platform for members of the Miranda House community, including students from all courses, faculty and non-teaching staff with a shared concern about the environment. It helps students to take stands on serious environmental issues, develop arguments to support their position and take action in some form. Miranda House has made great strides towards making the campus a Zero Solid Waste Zone by recycling paper, biodegradable waste and plastic. These green technologies are part of Miranda Tech Park.

### **Activities 2016-17**

In June 2016, the National Institute of Urban Affairs (NIUA), New Delhi sent teams of senior officials from Urban Local Bodies of Class I cities who were attending workshops under *Swachh Bharat Mission* at NIUA for Exposure Visits to the Miranda House Recycling Unit as an example of Best Practice.

In addition to its continuous anti-litter drive, MH Vatavaran organized a special drive in September 2016 to clean the mess created in the DU campus by discarded pamphlets and posters during the DUSU elections. Some volunteers also joined hands with No Poster Party, an initiative by fellow Mirandians to clean the walls in the campus by scrubbing off the posters glued on during the election campaign.

Volunteers also participated in the plastic bottle collection drive. Two wall-mounted bottle balers, which ease stacking and collection of PET bottles, have been installed. A cutting machine to make yarn out of PET bottles has also been fabricated and its extensive use is planned in the near future by Enactus Miranda House as part of its community outreach. Soil-less Plantation using a recycled composite material TopSop made by GreenBandhu, Hydroponic Plantation Systems using waste water from the hostel kitchen and launderette and mini gardens in glass jars are other initiatives in the college.



# Miranda Tech Park



MH 03: Star Innovation Project

## Renewable Energy



**7 kWp Grid-connected Rooftop Solar Power Plant**

# Recycling Biodegradable Waste

## FROM FOOD WASTE TO COMPOST





# ...Recycling Biodegradable Waste





# Compost Made in Miranda





# Recycling Paper





# From Pulp to Paper



## About Miranda House

Established in 1948, Miranda House has carved a unique niche for itself as a premiere institution dedicated to providing liberal education to women and is credited with several pioneering initiatives. MH Vatsavaran, the Environment Society of the College, encourages students to engage proactively with environmental issues and provides opportunities for hands-on, experiential learning. The college has a paper recycling unit that employs full time staff to assist in the production of quality handmade paper that is turned into files, folders, envelopes, etc., aesthetically designed by student volunteers. Other projects in which MH Vatsavaran is involved include solid waste management programme for conversion of food waste into vermicompost project for mapping potable water across the city of Delhi in conjunction with the D S Kothari Centre for Research and Innovation in Science Education at Miranda House and creation of a herbal garden.

## About RCE

A Regional Centre of Expertise (RCE) of the Education for Sustainable Development Programme of the UN University is a network of existing formal, non-formal and informal education organisations, mobilised to deliver education for sustainable development (ESD) to local and regional communities. A network of RCEs worldwide constitutes the Global Learning Space for Sustainable Development. RCEs aspire to achieve the goals of the UN Decade of Education for Sustainable Development (DESD, 2005-2014), by translating its global objectives into the context of the local communities in which they operate. An RCE involves school teachers, professors at higher education institutions, environmental NGOs, scientists, researchers, museums, zoos, botanical gardens, local government officials, representatives of local enterprises, volunteers, media, civic associations or individuals who work in the sphere of sustainable development such as economic growth, social development, and environmental protection, students and learners at all levels.



Workshop on  
*Art and Science of Paper Recycling*  
22-23 January 2010



Miranda House, University of Delhi  
Partner Institution  
Regional Centre of Expertise (RCE)  
United Nations University

*Care for Mother Nature - She cares for you*

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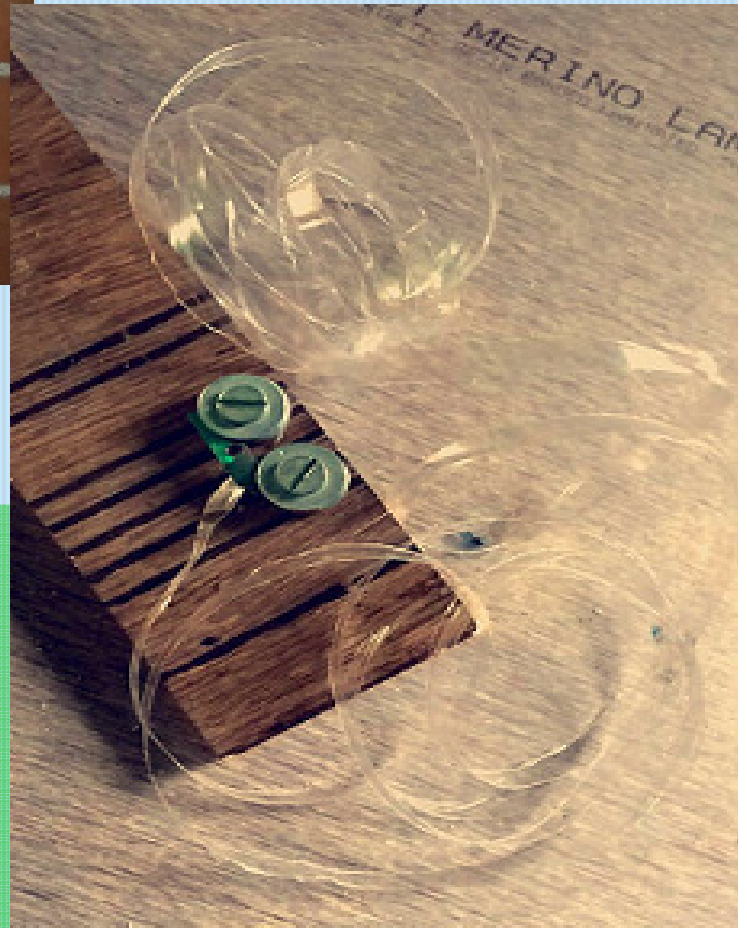
# From Paper to Products





## Plastic Recycling

### Wall-mounted PET bottle baler from PCRA



Enactus MH makes plastic yarn from PET bottles

# Miranda Innovates

**Hydroponic System**



**Collaboration: Sanicon**

**Soil-less Plantation**



**Collaboration: GreenBandhu**



## ...Miranda Innovates

**Glass Garden**



**Collaboration: GreenBandhu**



## Spreading the Message



Anti-litter campaign

## Advocating Conservation



## Cyclathon to Save Gas and Oil





## Showing the Way



**Visit by Municipal Officials participating in  
Swachh Bharat Mission Exposure Workshop**



