

REPORT  
OF  
*ECO-CLUB 'Prakrítik'*

Submitted by:

**Department Of Resource Management & Design  
Application**

(INSTITUTE OF HOME ECONOMICS, DELHI UNIVERSITY)

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**DEPARTMENT OF RESOURCE MANAGEMENT AND**  
**DESIGN APPLICATION**

**ECO-CLUB 'Prakritik'**

Department of Resource management and Design Application has initiated a unique sustainable initiative in Institute of Home Economics by opening an eco-club named 'Prakritik'. The Eco-club 'Prakritik' is a means by which students can be empowered to participate and take up meaningful environment-related activities or projects for a sustainable future.

'Prakritik' is a forum by which students can reach out, influence and engage their parents, relatives or other neighbourhood communities to promote sound, responsible environmental behaviour.

The Eco Club also offers wonderful opportunity and empowers the students to explore environmental concepts & knowledge, build attitudes and promote them, so that they can actively take up environment friendly activities in the real world, which are beyond the confines of a syllabi or curriculum. Since, sustainability has become a buzzword now-a-days, this club creates ecological awareness among the youths and asserts its importance with the legacy of '*Go Green with Sustainable Living*'.

**Mission Statement**

*Our mission is to educate, inspire and sensitise the college students on various environmental issues, environment conservation approaches, sustainable utilization of natural resources and their management in order to create a positive influence between the nature, mankind and environment.*

**Vision Statement**

*Our vision is to establish a peaceful community where there are plenty of resources for all, for now and the future. We envision a world where the needs of the present will be met optimally, without compromising the ability of future generations to meet their own needs.*

## **Aims & Objectives**

- To educate and inspire the youths regarding the environment, environmental concerns and approaches to conserve, preserve the environment.
- To sensitise the students with waste management practices for the purpose of imbibing right habits and healthy lifestyle for minimum waste generation, waste disposal etc.
- To generate responsive leaders who can keep their surrounding green and clean by adopting various eco-friendly practices.
- To actively encourage, facilitate and coordinate the students for conducting various environmental related activities in nearby or local surroundings/neighbourhood to foster the momentum of sustainable future.
- To expand our linkages and collaborations with NGO's and other sectors to share our vision of sustainability for the better growth and development.



## Activities Undertaken By Eco-Club 'Prakritik'

- VISIT TO 'TERI GRAM'

Field visit to TERI Gram was also organized for the students with the special focus on Sustainability. The visit honed the students by giving them insights about Self-Sustainable Habitat, Green Practices and other green technologies.

**Insights for the students:**

- *Vision of sustainability*
- *Self sustainable habitat*
- *Smart grid and solar charging stations*
- *Root zone – waste*
- *Water management etc.*



### **Visit to TERI GRAM**

- **LECTURE ON ‘SUSTAINABILITY’**

Since sustainability is the need of the hour in today’s scenario. Various principles for sustaining resources were discussed in the lecture. Sustainable practices were taught to the students for preserving resources in order to secure the future generations.

**Resource Person:** Ms.Richa Aeri, Development Alternatives.



## Lecture on Sustainability

- **SESSION ON 'NATIONAL HEALTH EMERGENCY : RISING AIR POLLUTION LEVELS IN INDIA'**

Mr. Sunil Dahiya, campaigner/speaker from Green peace India (NGO) had delivered a talk on '*National Health Emergency: Rising Air Pollution Levels in India*'. The resource person highlighted the initiatives taken by the environmentalist and various activists in regard to the rise in toxic levels of air pollution levels and smog in the city.



### **Session on 'RISING AIR POLLUTION'**

Over the past month, environmentalist and various activist have highlighted the rising air pollution levels and smog in the city. The resource person explained various measures the how we can contribute to clean to toxic air in Delhi, considering the rising pollution level.

**Resource Person:** Mr. Sunil Dahiya, campaigner, Climate and energy, Green peace India

- **DEMONSTRATION ON 'MAKING ORGANIC MANURE'**

The demonstration intended to create the awareness among the students regarding the waste management practices. The resource person created a new perception of 'Waste' and enabled a dignified action for sustainable resource management. She demonstrated that how to create wonderful compost/manure from the kitchen waste in the Terracotta Pots.

Ms. Monica from Faridabad had delivered lecture on 'Environment friendly way of converting organic waste into manure'. She also helped department in setting up organic waste composting unit KHAMBA- A composting solution by daily dump as part of practical under the subject 'Resources and Sustainable Development.'

**Resource Person :** Ms.Monika, Daily Dump





**Demonstration class on 'MAKING ORGANIC MANURE'**



- **VISIT TO “TARA (Ghitorni)”** -*Insight Into A Sustainable Living*

Field visit to TARA (Ghitorni) was also organized for the same batch by Dr. Renu Arora and Dr. Meghna for showing the ‘*Demo unit of green technologies building material*’ and the ‘*Process of waste paper recycling*’.

**Insights for the students :**

- *For enhancing students knowledge regarding Green buildings and concept of sustainable living*
- *Insights about Low carbon pathways through design and demonstrating technique like sustainable living*



**TARA Visit- *CHOICE FOR SUSTAINABILITY***



### **Demo Unit of Green Technologies Building Material**

- **TECHNICAL SESSION ON ‘AIR QUALITY ASSESSMENT’**

Dr Rakesh Agarwal, President, Rave Innovations delivered lecture on ‘*Air quality Assessment*’. The session provided various updates on the topic of air quality toxins and its impact on human exposure. Resource person also provided information about the procedures for monitoring the air quality and gave suggestions on methodology to use in analysing air toxics data.

**Resource Person:** Dr. Rakesh Agarwal, Rave Innovations



### **Technical Session on “Air Quality Assessment”**

- **SEMINAR ON ‘MAKE IN INDIA: S&T DRIVEN INNOVATION’**

Dr. Ritu Atheya along with the students (specialized honours batch of Resource Management and Design Application) had attended a seminar on ‘*Make in India: S&T Driven Innovation*’ organized jointly by Indian Institute of Technology, Delhi and Department of Science and Technology at IIT, Delhi.

The seminar highlighted that today, science and technology (S&T) revolutionizes the way we live, improving quality of life, creating economic opportunities and jobs, and addressing critical needs around the globe with innovative solutions. Therefore, empowering young entrepreneurs and promoting global entrepreneurship through S & T was centrepiece of the event.



**Seminar on “S & T DRIVEN INNOVATION”**

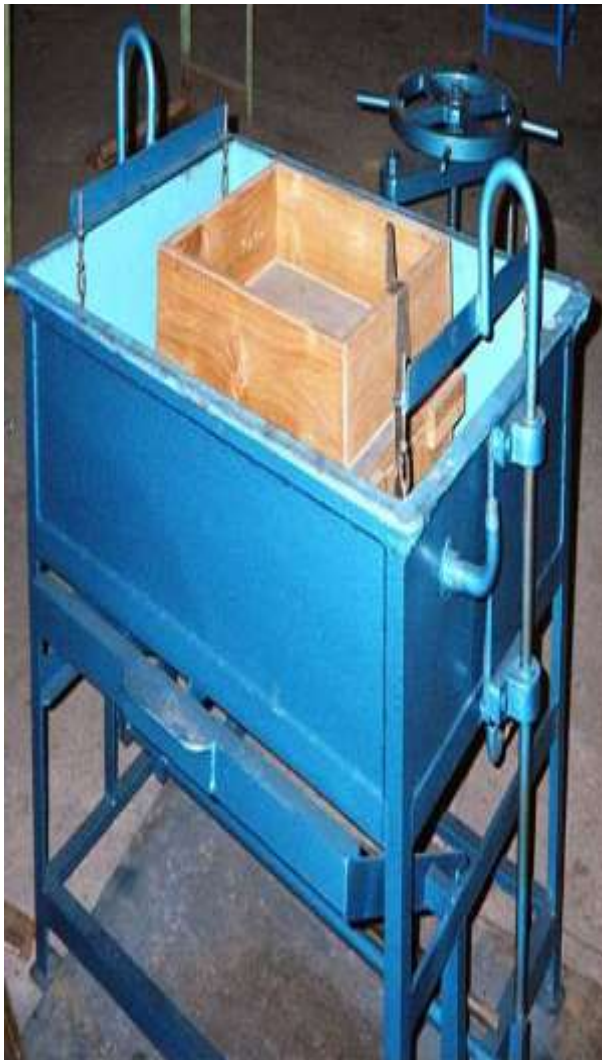


# FROM WASTE TO WEALTH

**BEST SUSTAINABLE PRACTICE:**

## **Installation of Paper- Recycling Unit**

SKILL-BASED WORKSHOP BY Mr. Piyush, Senior Trainer,  
TARA Machines



**Demonstration on “PAPER-MAKING”**



# INAUGURATION OF ECO-CLUB 'PRAKRITIK'



## Inaugural Ceremony of Eco Club

For joining the momentum of sustainable future, Department of RMDA adopted the best sustainable practice and inaugurated the '*Eco-club: Prakritik and Paper-Recycling Unit*' on 16th March, 2016, for creating a 'clean and green consciousness' among the college students through various innovative methods. The programme progressed with talks from esteemed



speakers Mr. Sabata, Sr. Scientist, Department of Environment, Mr. Abhishek, Sr. Technical Manager-TARA and Ms. Monica, Human kind Foundation.



- Department collaborates with The Daily Dump to show the '*Demonstration on Organic Waste Management Practices*'. The department has adopted this practice of managing organic waste and students are now actively participating in converting organic kitchen waste into manure to get hands-on experience of the knowledge received in classroom.



- Installation of Paper Recycling Unit is the best sustainable practices adopted by RMDA department for recycling waste into wealth. The department also displayed the

products made from recycled paper on the inaugural ceremony. After from this, department also conduct other green activities like use of indoor plants to improve the air quality within the college infrastructure.



# JUNK ART

For Going Green, Department has undertaken an unique action initiative i.e. '*Junk Art*' for recycling the old junk into beautiful creation which is aesthetically appealing and are more environmentally-responsive. The students really enjoyed this project and have created a new life into old objects in a real and practical sense. The display of all these initiatives was put up at the inaugural ceremony of eco-club.









- RMDA Department has initiated the '*Plantation Drive*' in the college campus and has received free 200 saplings from Department of Environment, Government of National Capital Territory of Delhi to initiate the same.



### **Plantation Drive**

Active participation of the students into various activities witnessed the legacy of department.