

Report of ECO Club (2017-18)



Mehr Chand Mahajan DAV College for Women

Sector-36(Chandigarh)

www.mcmdavcwchd.edu.in

MCM Eco-Club Annual Report (July-2017 to June 2018)

1. Title of the Activity: Plantation Drive

Date: September 16, 2017

Objective:

To create awareness about the significance of the plant wealth for a clean, green and healthy environment.

Context: Van Mahotsav is an annual festival, celebrated every year in the first week of month of July. The festival educates the awareness of trees among masses and portrays the need of planting of trees, as trees are the easiest and best ways to solve the global warming and reduce pollution. Trees have longed served humanity in one form or the other.

Practice: Annual festival “Van Mahotsav” was celebrated on September 16, 2017 by planting plants belonging to various genera. Ms. Savita Bhatti (Chandigarh’s Ambassador for Swachh Bharat mission), Mr. B. Purusharth, (IAS, Hon’ble Commissioner, Municipal Corporation, Chandigarh) and Sh. Davesh Moudgil, (Hon’ble Councilor, Municipal Corporation, Chandigarh) were the guests to join this plantation drive.

Evidence of Success: Through this activity, we got success in giving our message “Each one, Plant one.”



2. Title of the Activity: Training on usage of fire extinguisher

Date: September 18, 2017.

Objective:

To avoid any mishappening due to fire.

Context: Fire extinguishers are needed to put out small fires; they also have an amazing benefit towards the environment. By having the ability to control fires, these also limit the amount of pollution that is caused by smoke and burning debris.

Practice: Training on importance and usage of fire extinguisher was being conducted for all lab attendants as well as other non-teaching staff members of the college on September 18, 2017.

Evidence of Success: Non-teaching staff of the college is well equipped with the knowledge of working of Fire extinguishers installed in college.



3. Title of the Activity: Poster making and slogan writing competition

Date: November 10, 2017,

Objectives:

- To sensitize students about the hazards of using plastic.
- To encourage students for proper disposal of plastic.
- To teach them the ways of reusing plastic.

Context: Plastic pollution is accumulation of synthetic plastic products in the environment to the point where they create problems for wildlife and their habitats as well as for human populations. Synthetic plastics are largely non-biodegradable; they tend to persist in natural environments. Moreover, many lightweight single-use plastic products and packaging materials, which account for approximately 50 percent of all plastics produced, are not deposited in containers for subsequent removal to landfills, recycling centers, or incinerators. Instead, they are improperly disposed of at or near the location where they end their usefulness to the consumer.

Practice: A Poster making and slogan writing competition was organized on November 10, 2017, with the topic biodegradable plastic and how plastic can be reused.

Evidence of Success: A total of 20 students participated in poster making and 15 students participated in slogan writing competition.

4. Title of the Activity: A Lecture on Drug abuse: Problems, prevention and management

Date: November 13, 2017

Objective:

- To make students aware about the health impacts of drug addiction.

Context: Effective drug education is important because young people are faced with many influences to use both licit and illicit drugs. This can play a counterbalancing role in shaping a normative culture of safety, moderation, and informed decision making. Also, this education is an important part of helping individuals understand the many aspects of this topic.

Practice: A Lecture on Drug abuse: Problems, prevention and management was being organized on November 13, 2017. This lecture was delivered by Prof. Gulshan Bansal, Department of pharmaceutical sciences and drug research, Punjabi university, Patiala.

Evidence of success: More than 200 students of first year attended the lecture and benefitted.

5. Title of the Activity: Workshop on textile painting and designing as well as on use of waste material

Date: November 2, 3 & 6, 2017.

Objectives:

- To produce creative works that demonstrates innovation in concepts, formal language and/or materials.
- To describe, analyze and interpret created artwork.
- To recognize elements of design in works of art.

Context: Artistic pursuit instills creativity and develops the mind to appreciate and value nature. In this day and age, art plays an important role in moulding the minds of students to develop a positive nature and appreciate natural beauty. Art encourage self-expression and creativity and can build confidence as well as a sense of individual identity.

Practice: A three-day workshop was being conducted for students on textile painting and designing as well as on use of waste material on November 2, 3 & 6, 2017. A renowned artist Ms. Menu Sachdeva gave the students hand on training on textile painting and deigning.

Evidence of success: 20 students of various streams participated in the workshop and benefitted.



6. Title of the Activity: Inter-college Eco-rangoli competition

Date: January 20, 2018

Objectives:

- To sensitize students about the current issues on Environment
- To create awareness about protection of environment
- To make aware them about the use of eco-colors.

Context: Rangoli Competitions play an important role in motivating students to perform and outshine in their creative skills. Eco-Rangoli encourages students to use environment friendly materials such as coloured rice, dry flour, coloured sand or flower petals, to make the same.

Practice: Inter-college Eco-rangoli competition on the theme of environmental issues was being organized during Add on Fest “Melange” on January 20, 2018.

Evidence of success: Total 10 teams from various colleges of Chandigarh participated in the competition.



7. Title of the Activity: An educational visit to ‘Energy Park Sarangpur’

Date: February 25, 2018

Objective:

To provide students a platform for understanding the importance of energy conservation.

Context: Chandigarh Energy Park is an initiative of Department of Science and Technology, Chandigarh Administration for increasing the awareness about the use of renewable energy. The Park is being set up at Botanical Garden, Village Sarangpur with financial assistance from Ministry of New and Renewable Energy, Government of India. Keeping in view the fact that the fossil fuels are depleting at a fast rate, there is an urgent need to consider alternate sources of energy as well as create mass awareness for the importance of Energy Conservation among the common man. Chandigarh Energy Park facilitates creating such awareness amongst the student parents through entertainment. It has outdoor and indoor exhibits which provide platform for understanding the importance of energy conservation.

Practice: An educational visit to ‘Energy Park Sarangpur’ on February 25, 2018 was organized for medical students of first year in order to provide them a platform for understanding the importance of energy conservation. Students were shown Solar PV Power Plant 5 KWP that generates solar power to run the color TV & VCR, computer, LCD display board on Energy Environment, Solar Light (CFL), fans, computer based energy games etc., Solar PV submersible Pumps 1800 WP that supply water to garden through sprinklers, Solar Street Lights, Solar Powered Toy Cars, Battery Operated Three Wheelers & Bicycles, Solar Water Heating System and Solar Cookers. Further, students got a hand-on experience of operating Water Power Exhibits like Pelton Wheel Turbine, Francis Turbine, Kaplan/Cross Flow Turbine, Water Wheel installed in water room.

Evidence of success: Around 40 students of science streams visited and benefitted.



8. Title of the Activity: Celebration of National Science Day by arranging scientific model making competition on the theme and talk on “**Carbon Footprints**”

Date: March 19, 2018.

Objectives:

- To bring awareness among students about the importance of science in our daily life
- To encourage them by popularizing the Science and Technology.

Context: National Science Day is celebrated in India on 28 February each year to mark the discovery of the Raman Effect by Indian physicist Sir C. V. Raman on 28 February 1928. For his discovery, Sir C.V. Raman was awarded the Nobel Prize in Physics in 1930. National Science Day was first celebrated on **February 28, 1987**. The NCSTC also founded the National Science Popularization awards to recognize the outstanding efforts in the area of science

Practice: MCM Eco-club Celebrated National Science Day supported by National Council for Science & Technology Communication, DST, Govt. of India and Punjab State Council for Science & Technology on March 19, 2018. Number of students participated in Scientific model making competition on the theme “Science & Technology for Sustainable Future” by making models on waste water treatment process, rain water harvesting, marine ecosystem, steam wind mill, hydraulic wind mill etc.

Further in celebration of National Science Day, a talk on “**Carbon Footprints**” by Dr. Ashok Sharma, Chief Executive, Cleantech International Foundation, New Delhi was organized. Dr. Sharma explained the sources and sinks of carbon in daily life, along with the tips for reducing carbon footprints. Also, a lecture was given by Dr. Gurmeet Singh Gill, Agriculture Officer, Nabha, on Bio-pesticides including impacts of synthetic pesticides on environment, types and



need of use of bio-pesticides. Dr. Gill elucidated that bio-pesticides are best example of Green Technology and they also helps in reducing carbon footprints.

Evidence of success: Around 30 students participated in scientific model making competition on the theme “Science & Technology for Sustainable Future”. About 80 students of science stream attended the talk on “Carbon Footprints” and benefitted.