



Activity Reports on Waste Management

Academic Year 2023-24

Sr. No	Name of the Event	Page No.
1.	Workshop on Biocomposting and Vermi Composting	2-3



DEPARTMENT OF ENVIRONMENTAL SCIENCES

1. Details of the Event

Year	Name of Event	Name of Department	Date	Place/Venue	No. of Students Participation
2023-24	Workshop on Biocomposting and Vermicomposting	Environmental Sciences	29.1.2024	EVS Department	68

2. Objective:

- Environmental Conservation
- Creativity and Innovation
- Promotion of Waste Management

3. Report:

Department of Environmental Sciences under Pravah had organized “Workshop on Biocomposting and Vermicomposting” on 29th January 2024. Total 68 students participated in the workshop. All the staff members were also invited for the same. The workshop started at around 11.00 am. The workshop was conducted in two sessions as follows:

Session I: Lecture on ‘Biocomposting and Vermicomposting and its importance’.

Speaker: Dr. Sonal Tawde

Venue: Environmental Sciences Laboratory, IT building, 4th floor.

Time: 1100 am to 11.30 am.

Session II: Practical on Biocomposting and Vermicomposting

Venue: Vermicomposting/Biocomposting Area.

Time: 11:30 pm to 12:30 pm.

In the first session, Biocomposting process was explained to the students. After the first session, students were directed to prepare Biocomposting bins. The Biocomposting bins were

made by adding layers of cow dung, dry waste with top layer of waste vegetable parts and fruit peels and bioculture was added to enhance the composting process. The ready compost prepared earlier was demonstrated to the students.

In the first session, Vermicomposting process was explained to the students. After the first session, students were directed to Vermicomposting pits. The Vermicomposting pits were made by adding layers of bagasse, cow dung, dry waste from the college campus and earthworms covered by discarded gunny bags. The pits were watered regularly by the students of Environmental Sciences. After three months, the compost was ready. The ready compost was shown to the students and given hands on training to separate the earthworms from the compost. After that, the pits were revived by the participants after adding dry waste collected by the participants from the campus. At the end, all the students were happy after learning this ecofriendly process of taking care of organic solid waste.

4. Photos



Practical on Vermicomposting



B. K. Birla College of Arts, Science & Commerce, Kalyan

Empowered Autonomous Status (2023 - 2032)

(Conducted by Kalyan Citizens' Education Society)

Affiliated to University of Mumbai

'College of Excellence' status by UGC (2015 - 2020)

Reaccredited by NAAC (3rd Cycle) with 'A' Grade (CGPA - 3.58) (2014 - 2023)

ISO 9001: 2015 Certified

2023-2024

5. Outcome:

Students learnt the management of organic waste through biocomposting and vermicomposting.

Dr. Sonal Tawde
Incharge, Dept. of Environmental Sciences



Principal
B. K. Birla College of Arts, Science
& Commerce (Autonomous), Kalyan.



DEPARTMENT OF ENVIRONMENTAL SCIENCES

1. Details of the Event

Year	Name of Event	Name of Department	Date	Place/Venue	No. of Students Participation
2018-19	Workshop on Cloth Bag Making	Environmental Sciences	20th July 2018	EVS Department	27

2. Objective:

- Environmental Conservation
- Creativity and Innovation
- Promotion of principle of 3Rs.

3. Report:

“We humans have become dependent on plastics for a range of uses, from packaging to products. Reducing our use of plastic bags is an easy place to start getting our addiction under control.” *David Suzuki*

Plastic bags are a convenient way to carry our purchased goods and they are a part of our modern lives, and we don't tend to think much about them. However, this convenience of plastic bags carries with it a very high cost to the environment and also negatively affects human health. Because of negative impacts of the use of plastic bags, many cities and countries from around the world have already banned the use of plastic bags. One such change is to ditch plastic bags altogether and use better alternatives like replacing plastic bags with cloth bags. The advantages of cloth bags are low maintenance to no maintenance and unlike plastic which takes thousands of years to degrade or sometimes they never degrade on their own, cloth bags are degradable.

Keeping this in mind and following International theme of 2018 year 'Beat Plastic Pollution', Department of Environmental Sciences, B. K. Birla College, Kalyan organized a workshop on 'Cloth Bags Making' on 20th of July 2018, Friday in the Department of Environmental

Sciences at 11.00 am. Total 27 students from different departments participated in the workshop. Students were asked to bring old clothes like T-shirt, shirts, needles, threads, scissors, etc.

The workshop started with the presentation given by student of Environmental Sciences highlighting disadvantages of plastic bags. Further, different posters made by students of Environmental Sciences were shown to participants highlighting the ban of plastics and importance of this workshop. The entire participants were then taught to make cloth bags. After making cloth bags, students were requested to use them. This will minimize plastic load on the environment to large extent. At the end, students were very happy and satisfied with the workshop.

4. Letter of Communication



B. K. BIRLA COLLEGE, KALYAN
DEPARTMENT OF ENVIRONMENTAL SCIENCES

organizes

One Day Workshop

on

'Cloth Bag Making'

Friday, 20th July 2018

Venue: Dept. of Environmental Sciences
I.T. building, 4th floor

Timing: 11.00 to 1.00 pm

Say No To Single Use Plastic Bags

SAY NO TO PAPER, PLASTIC USE CLOTH BAGS

5. Photos





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Presentation by student

demonstration of Cloth bag making



Cloth bags made by participants

6. Outcome

Students learnt to convert waste used cloths into re-useable artistic cloth bags.



Dr. Sonal Tawde



Principal

B. K. Birla College of Arts, Science & Commerce (Autonomous), Kalyan.

Incharge, Dept. of Environmental Sciences