

ANTHELIA

Reported By: Vrinda Gupta

Department of Chemistry Hindu College, the University of Delhi Under the aegis of DBT Star College Scheme in collaboration with STE (Save the Environment) conducted **Anthelia: A workshop on a range of Eco-Friendly** startup products for sustainable development on 11 January 2023 from 10:30 AM till 1:00 PM.

The workshop was successfully conducted under the able guidance of Dr. Vaishali Mishra And Ms. Madhupreet from ITL Public School Dwarka, Delhi. The workshop was aimed at improving critical thinking and “hands-on” experimental work and encouraging students to opt for more eco-friendly and natural products.

The workshop was initiated by an energetic presentation by Dr. Vaishali in which she not only explained about eco-friendly and chemical free products but also motivated us for having our own startups. In the hands-on session, students prepared 3 eco-friendly products in the Laboratory by hand.

Firstly, students prepared chemical-free soap bars. The soap bars were devoid of toxic chemicals such as parabene, sulfates, and triclosan and were rather made up of naturally extracted materials which made them healthier for the skin. The soaps produced completely terminate the risks of cancer, skin irritation, and dryness. Secondly, analgesic bath bombs were prepared using Baking soda, common salt, Citric acid, Corn Starch and much more.

Analgesics are drugs that eliminate or alleviate the feeling of pain that accompanies many pathologic conditions. Epsom salt plays various pharmaceutical effects in the medical field, where it affects various body organs. It plays an important role in the release of pain due to its effect on nerves and its characteristics as an anti-inflammatory and treatment of muscle cramps. Last but not the least, Floor Cleaner was prepared using Potash Alum, Rock Salt, Camphor, etc. Made a mixture of them and transferred it to a bottle after filtration. The floor cleaner prepared is free from any Toxic Chemicals and is not harmful to human health in any way.

The workshop encouraged students not just to opt for more eco-friendly products but also to have start-ups and to take each and every step possible towards a sustainable future. The students had an overwhelming experience during the workshop.

