

CREATING AND DESIGNING THE RETAINING WALL FROM USED PLASTIC BOTTLES



Repurposing Plastic Bottles (Phase III)

CHITKARA
UNIVERSITY

Centre of
Excellence for
Sustainability

Workshop on Repurposing Plastic Bottles

"Every plastic bottle has the potential to be more than waste— Let's repurpose it into something useful and help reshape the future of our planet."

Limited
Seats

Reduce
Reuse
Recycle

We Re-use

For Sustainable Tomorrow



EVENT SCHEDULE

Phase	Date	Activity	Duration	Time	Venue
Phase I	23-Jan-25	• Tips on repurposing Plastic Bottles	30 minutes	11 AM - 1 PM	Chitkara Woods
		• Creating Flower Vases	90 Minutes		
	24-Jan-25	• Creating Flower Vases	2 Hours		
Phase II	20-Feb-25	• Session on Design of Garden Bed Wall	30 Minutes	11 AM - 1 PM	Chitkara Woods
		• Filling Bottles with sand and creating garden wall	90 Minutes		
	21-Feb-24	• Filling Bottles with sand and creating garden bed wall	2 Hours		
Phase III	18-Mar-25	• Session on Design of Retaining Wall	30 Minutes	11 AM - 1 PM	Bus Parking Area (Rockefeller Block)
		• Creating Retaining Wall	90 Minutes		
	19-Mar-25	• Creating Retaining Wall	2 Hours		

NOTE : Certificates will be provided to the participants

Resource Person

Mr. Hamid Raza, (Sr. Horticulturist) Dept. of Horticulture,
Office of Infrastructure Development

Organised by : Centre of Excellence for Sustainability

12 RESPONSIBLE CONSUMPTION AND PRODUCTION

13 CLIMATE ACTION



Last Date of
Registration :
21 Jan 2025

SCAN TO
REGISTER



CHITKARA
UNIVERSITY



Event Name	Repurposing Plastic Bottles (Phase III)
Date	18 Mar 25 – 19 Mar 25
Venue	Bus Parking Area, Rockefeller Block
Organizer	Centre of Excellence for Sustainability
Resource Person	Mr. Hamid Raza
Event Co-ordinators	Dr. Ravi Dandotiya, Mr. Mohit Kumar, Ms. Gurpreet Kaur, Mr. Aayush
Student Co-ordinators	Mr. Tushar Bansal & Mr. Mayank Abrol
Number of Participants	20
SDGs Covered	12,13

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In alignment with **Global Recycling Day** on **March 18**, the **Centre of Excellence for Sustainability** successfully organized **Phase 3** of the '**Repurposing Plastic Bottles**' event on **18th and 19th March 2025**. This initiative aimed to promote environmental sustainability by encouraging students to repurpose plastic waste creatively. Phase 3 focused on constructing **retaining walls** using **plastic bottles** and enhancing their appearance with decorative elements. The event, held at the **Bus Parking Area** near **Rockefeller Block**, highlighted the importance of recycling and innovative waste management solutions.





The event began with an expert talk by Mr. Hamid Raza, (Sr. Horticulturist), who inspired and motivated students to actively participate in the project. He shared valuable insights on the importance of plastic waste reduction, sustainable construction methods, and the environmental benefits of repurposing plastic materials. His talk highlighted:

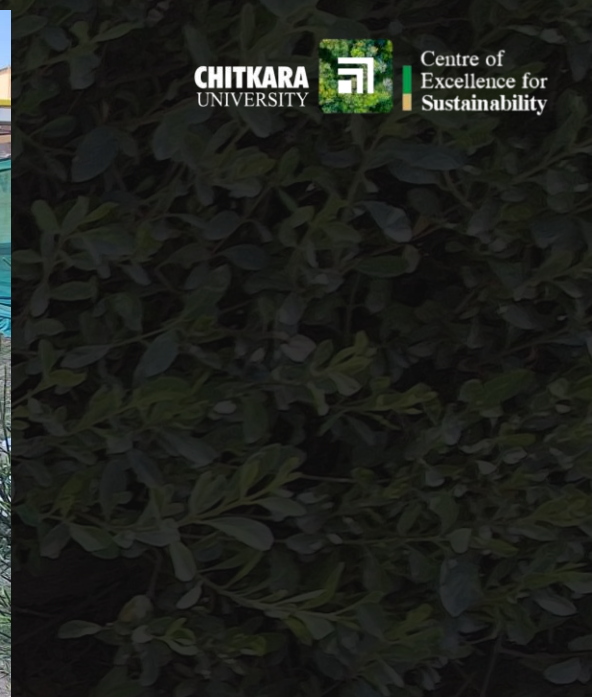
- The impact of plastic waste on the environment.
- The structural strength and utility of plastic bottles in construction.
- Innovative approaches to making retaining walls durable and aesthetically appealing.



Outcome :

The event resulted in the creation of several beautifully designed and structurally sound retaining walls. The students' efforts demonstrated that plastic waste can be effectively transformed into functional and artistic structures.





Conclusion :

Phase 3 of the "Repurposing Plastic Bottles" event was a **remarkable success**. The creative and innovative approaches adopted by the students showcased the potential of repurposing plastic waste for practical use. The event not only promoted environmental sustainability but also fostered a sense of responsibility and creativity among the participants.

