



DON BOSCO INSTITUTE OF TECHNOLOGY

Premier Automobiles Road, Kurla West, Mumbai - 400070



Department of Mechanical Engineering Report on – K12 Activity

Title: Eco-Friendly Crafting

Date: 14th December 2023

Time: 10:00 AM to 12:00 PM

Venue: Don Bosco Institute of Technology, Kurla

Target Audience: Students of CES's Michael High School, Kurla

No. of Participants Present: 30

Resource Person: Ms. Samina

Organization of Recourse Person: CES's Michael High School, Kurla

Organizing Department / Committee / Authority: ISHRAE DBIT Student Chapter

Faculty Coordinator: Prof. Cleto Pereira

Objectives:

- ❖ Use Recycled Materials: Choose materials like recycled paper, cardboard, glass, or fabric for your crafts. Repurpose items like old magazines, newspapers, or packaging materials.
- ❖ Upcycling: Repurpose items that might otherwise be discarded, like glass jars, plastic bottles, or old clothing, into new and useful items.
- ❖ Minimal Packaging: Use minimal or no packaging in your crafts. Consider using reusable or biodegradable packaging materials if needed.

Outcomes:

- ❖ Reduced Environmental Impact
- ❖ Creativity and Innovation
- ❖ Supporting Local and Ethical Practices
- ❖ Education and Awareness

Detailed Report:

“Eco-Friendly Crafting”, a K12 activity was held on 14th December 2023 at 10:00 AM. The activity was conducted by ISHRAE DBIT Student Chapter and ISHRAE faculty Advisor, Prof. Cleto Pereira. The activity was conducted offline with the primary students of CE's Micheal School. The activities performed by the council members was to actively engage students to Perform Crafting with Ease. So, to make the event more appealing and to grab the attention of small children, we the student council of ISHRAE DBIT Chapter – came up with a thought-provoking idea of activities.

Student Council of ISHRAE DBIT Chapter made students sit and welcomed. Vilas Kodam (Co K12 Chair) started the event how Eco – Friendly Crafting is Necessary for Waste Management. He asked students what they Earlier knew about Eco-Friendly Term. He introduced K12 team to students with the topics which are to be covered in this activity.

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Activity:

Eco-friendly crafting is a crucial aspect of sustainable living, blending creativity with environmental consciousness. When a professor emphasizes the significance of eco-friendly crafting through real-life designs, they advocate for the integration of reusable materials into creative projects.

In today's world, where environmental concerns loom large, the use of reusable materials in crafting holds immense importance. Not only does it reduce waste, but it also minimizes the exploitation of natural resources. The professor's emphasis on incorporating reusable materials into designs reflects a commitment to fostering a greener, more sustainable future. By utilizing materials that can be repurposed or recycled, crafting becomes a means of reducing one's ecological footprint. This practice encourages innovative thinking and resourcefulness, prompting individuals to reimagine the potential of everyday items and materials often deemed disposable.

Furthermore, the ISHRAE faculty Advisor, Prof. Clea Pereira illustrating how eco-friendly crafting can be both aesthetically pleasing and environmentally responsible. These designs showcase the versatility of reusable materials, demonstrating that sustainability and creativity can go hand in hand. Ultimately, the professor's advocacy for eco-friendly crafting with reusable materials extends beyond the classroom, instilling values of conservation and responsible consumption. It inspires individuals to approach crafting with an environmentally conscious mindset, promoting a harmonious relationship between creativity and sustainability.

The workshop conducted by the ISHRAE Students Chapter, providing participants with old newspapers, scissors, and ice cream sticks for eco-friendly crafting, aimed to showcase the potential of commonly discarded items in creating sustainable art and functional objects.

Participants were encouraged to explore the versatility of these seemingly mundane materials. Old newspapers, often disregarded after a single use, were transformed into colorful, textured elements for crafting. Through techniques like rolling, folding, and weaving, newspapers took on new life, becoming the base for various creations.

With careful cutting and precise techniques, the newspapers were manipulated into intricate designs, showing the artistic possibilities of repurposing everyday items.

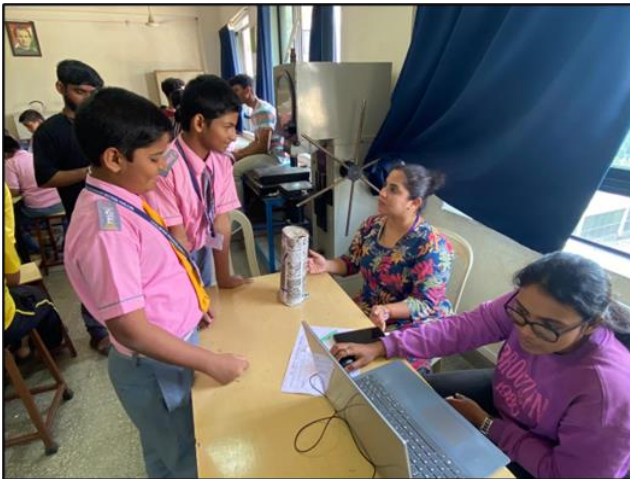
Ice cream sticks, typically thrown away after their initial use, were repurposed as sturdy structural components. Participants learned to assemble and combine these sticks with newspapers, creating anything from photo frames to decorative boxes or even small furniture pieces.

The workshop not only taught crafting skills but also instilled a sense of resourcefulness and sustainability. It showcased how easily accessible materials, often destined for the trash, could be transformed into meaningful, eco-friendly creations.

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Snapshot of the Event:



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Geotagged Photos:





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ISHRAE
Thane Chapter

Event Poster:

DON BOSCO INSTITUTE OF TECHNOLOGY
DEPARTMENT OF MECHANICAL ENGINEERING
ISHRAE STUDENT CHAPTER

presents

K-12 ACTIVITY

ECO-FRIENDLY CRAFTING

**FOR STUDENTS OF
CES's MICHAEL HIGH SCHOOL**

 **14th DECEMBER 2023**
10:00 am - 12:00 pm

 **DON BOSCO INSTITUTE OF
TECHNOLOGY, KURLA**

FOR MORE DETAILS CONTACT
OMKAR GHOLE : 8108688942
K12 CHAIR



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List of ISHRAE attendees for the event.

Sr. No.	Name	Position
1	Simran Ahiwale	President
2	Sahil Jadhav	Secretary
3	Vilas Kodam	Co K12 Chair
4	Ankit Kshirsagar	Sports Chair
5	Jae Hindalekar	Women in ISHRAE
6	Rahi Prajapati	Chapter Working Committee
7	Soham Satvilkar	Sub-Chapter Working Committee

Report Prepared By: Rahi Prajapati

Name of the Student: Rahi Prajapati

Post of the student: Chapter Working
Committee

Report Approved By: Prof. Cleto Pereira

Name of the Faculty: Prof. Cleto Pereira

Post of the Faculty: Faculty Coordinator