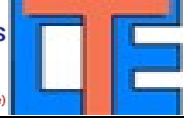


INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiative)



“Filter Making Competition”

as a part of Earth Day Celebration dated 24/04/2023

- 1) Name of Event / Seminar: **Filter making Competition as a part of Earth Day Celebration**
- 2) Date of Event / Seminar: **24/04/2023**
- 3) Time: **01.00 pm to 03.00 pm**
- 4) Name of Expert: **Prof. Dr. G. H. Ban, Prof. M. J. Pandya and Prof. Huma Syed
Associate Professor, Environmental Engineering Department,
L. D. College of Engineering**
- 5) Name of Coordinator: **Prof. Vishwa H. Shukla and Prof. Bina B. Patel**
- 6) Designation of Coordinator: **Assistant Professor,
Environmental Engg. Dept., L. D. College of Engg.**
- 7) Email ID: **vishwa.shukla@ldce.ac.in**
- 8) Mobile No: **9099022412**
- 9) Number of Participants: **70**
- 10) Registration Link: <https://forms.gle/ywzNVRZBkZhvvuSt7>
- 11) Expert contact No.: **9099022412**
- 12) Expert email ID: **vishwa.shukla@ldce.ac.in**
- 13) Expert's Designation and college name:
Associate Professor, Environmental Engg. Dept., L. D. College of Engg.
- 14) Photo graphs of Seminar:

Introduction:

World Earth Day, also known as International Mother Earth Day and it is observed on April 22 every year, it is celebrated to raise awareness related to the environmental problems around the world and encourage actions that safeguard the planet. The first Earth Day was observed in 1970 in the United State and has since evolved as a global event, with millions of people organisations, and institutions engaging in diverse activities.

The World Earth Day theme 2023 is "Invest in Our Planet," calling out companies to opt for sustainable practices. The theme is in continuation of the successful 2022 campaign. The anticipated outcome of this movement is a transformation in the business and political climates, as well as a shift in approaches to addressing climate issues.

Environmental Engineering department, L.D. College of Engineering celebrated Earth Day on 24th April, 2023. As a part of Earth Day 2023, Environmental Engineering department, L.D. College of Engineering has organised a Filter Making Competition.

Objectives of the Event:

1. To develop the practical knowledge in the students.
2. To transform the theoretical knowledge into practical knowledge.
3. To create the awareness amongst students for earth day theme of 2023.

Approximately **70 students & 10 faculties** of have participated in this filter making competition. The event was organized in environmental engineering department, in this event 13 teams took part from BE semester 2 to ME semester 4 of environmental engineering department. The event last for almost 3: 30 hours. First 2 hours were given for the on-the-spot filter making. The students were well communicated with the rules & regulations of the competition well in advance. The students themselves carried their required materials & things for filter making. The turbid water having 450 NTU was given in 1 L quantity to each team. The senior faculties of environmental engineering & head of the department were the jury of the competition. The students displayed their filter in front of the jury & filtration operation was carried out for 5 minutes in front of jury members. The filtered water was collected & turbidity & filtration rate was considered for winner. The jury decided t& declared the two winning teams based on filtration efficiency & volume of filtrate. The students were motivated by senior faculty members for future this kind of competitions.

Benefit in terms of learning/ skill/ knowledge obtained:

- Their psychomotor skill was developed.
- Students motivated for such kind of model making competition
- Students learned the concept behind filtration

Photographs of the Event



Students Making Filter



Jury members evaluating the teams



The student's participants for filter making competition



Group photo of the Event