



B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU
Department of Chemical Engineering



PHASESHIFT-2023 Technical Talk on E-Waste Management

- 1. Name of the Department:** Chemical Engineering
- 2. Name of the Activity:** Technical Talk on E-Waste Management by Dr. Uttam Doraiswamy
- 3. Objectives:**
 1. To discuss, educate, inform, and raise awareness about the challenges posed by electronic waste (e-waste).
 2. Emphasize the importance of recycling e-waste to recover valuable materials.
 3. Discuss the concept of a circular economy.
- 4. Date:** 15-12-2023
- 5. Time:** 11.00 am to 12.30 pm
- 6. Venue:** PG Block, 3rd Floor, Department of Chemical Engineering, CR 3002

7. Brief summary of the Programme:

Dr. Uttam Doraiswamy, founder and director, ELXION, Bengaluru, started off his talk by explaining what e-waste is, its composition, and the harmful effects it can have on the society and the environment if not managed properly. He highlighted upon the increasing volume of e-waste globally, emphasizing the need for proper management. Additionally, he touched upon the concept of a circular economy, where e-waste materials are reused, refurbished, or recycled to minimize waste and resource depletion. Dr. Uttam pointed out at the need to recovery crucial materials from e-waste for various critical reasons. E-waste contains valuable metals such as gold, silver, copper, palladium, and rare earth elements. Recycling e-waste helps recover these metals, reducing the need for mining new resources and conserving finite natural resources. Furthermore, he underlined the importance of sustainable practices and the role of e-waste management in achieving broader sustainability goals.

By addressing these objectives, this technical talk on e-waste management, aimed to empower individuals, organizations, and policymakers to take proactive steps towards responsible e-waste management, contributing to a more sustainable and environmentally conscious future.

The event was organized by the IChE BMSCE Student Chapter under the technical flagship event of BMSCE, PHASESHIFT 2023 – TECHTOPIA: INTO THE FUTURE.



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The coordinators for the event were Dhanush H. and Leevan Lishant D. Vote of thanks was proposed by Vaishnavi Sudarsan Perumbully.

8. Number of participants: 25

Sl. No.	Name
1.	Shreevatsa
2.	Prakyath T.P
3.	Bhoomika Chegu Vinay
4.	Swathi M. Wadavi
5.	Aravind
6.	Nanda Kishore B.N
7.	Prashanth
8.	Mayura Shetty
9.	Vaishnavi Sudarsan Perumbully
10.	Prathyusha N.D
11.	Dhanush Reddy
12.	Keerthana Nagesh
13.	Gunashree B M
14.	P S Sumana
15.	Prajwal S
16.	Partha S
17.	Patra Lekha
18.	Bhargav D
19.	Sai Prathap
20.	Priyanka
21.	Pranav Gopalakrishnan
22.	Rao Jaganmaya Jayaprakash
23.	Dhanush H
24.	Chinmayee P B
25.	Leevan Lishant D

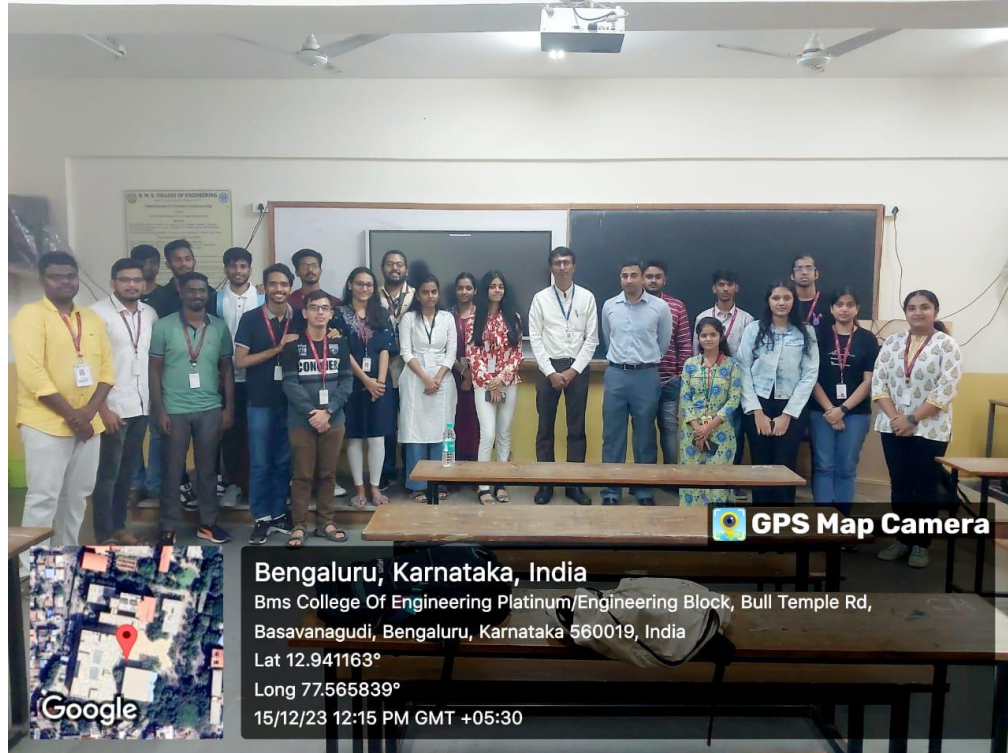


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9. Photographs:



10. Banner:

TECHNICAL TALK
On
E-WASTE MANAGEMENT
Speaker: Dr. Uttam Doraswami



PHASE SHIFT



Registration fee: 50

Date: 15/12/2023 at 11am
Venue: PG block, FDC hall
Dhanush.H 6363991501
Leevan Lishant.D 7337809635

