



Sandip Foundation's
Sandip Institute of Engineering and Management,
Department of Engineering Sciences & Humanities
Academic Year 2023-24

1. Event Title : Session on “ Engineer’s Day””

2. Event Coordinator : Dr. Rashmi J. Nayak

3. Date of conduction : 15/09/2023

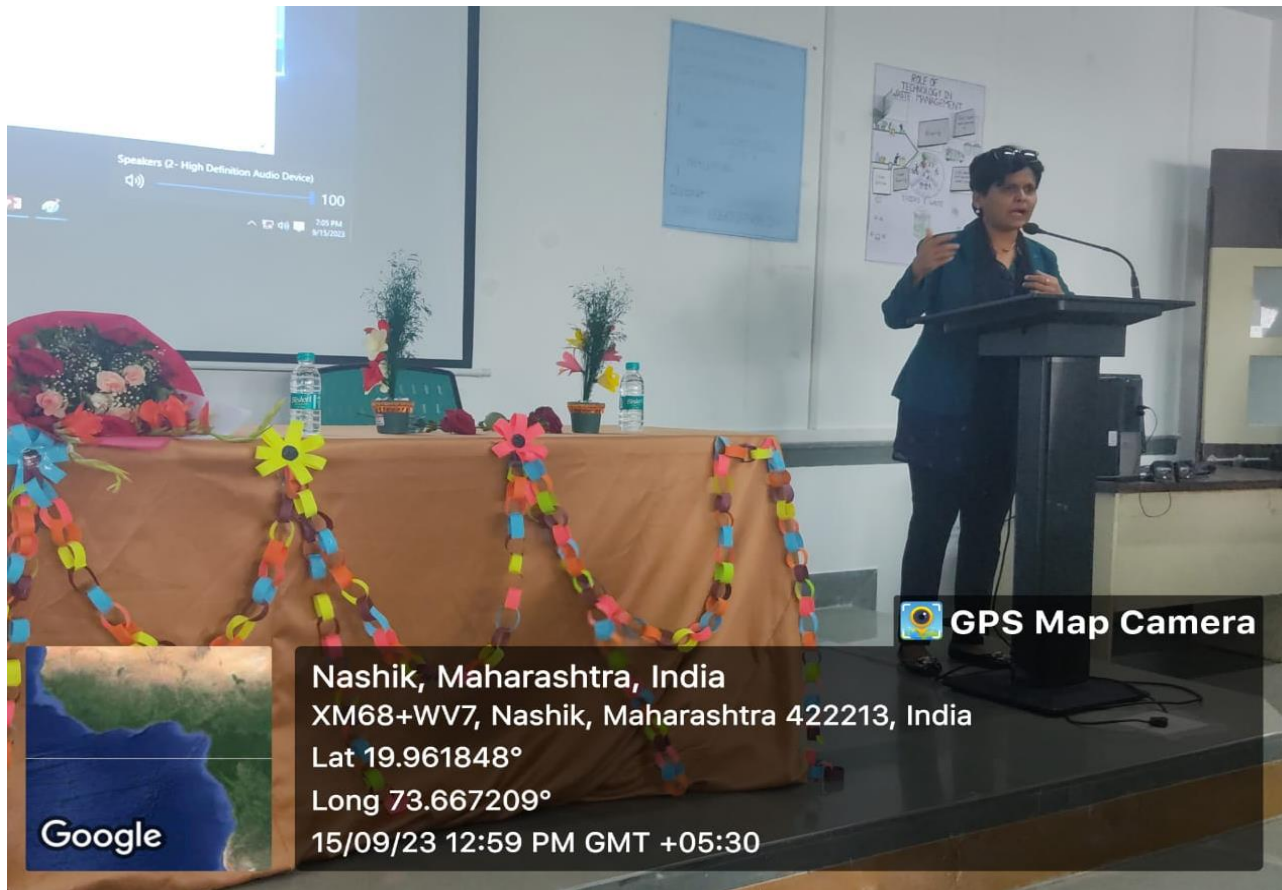
4. Event Resource Person Details: Er. Apurva Jakhadi

5. Expected Audience : All First Year Students

6. Number of Students: 236

7. Event Objectives and Outcomes: Engineers day not only pays tribute to Sir M. Visvesvaraya but also aims to promote the importance of engineering and technology in the development of the country. Engineers across India use this occasion to celebrate their profession and highlight the role engineers play in building and advancing society.

8.Event Photos:



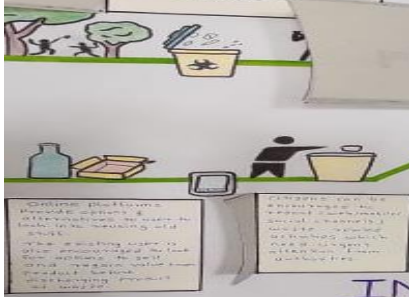
ROLE OF TECHNOLOGY IN WASTE MANAGEMENT

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A critical component of any waste management program is public awareness and participation. Activities such as sorting, recycling, and composting are essential for effective waste management.

The recycling process has several stages: collecting bottles from bins, sorting them, shredding them into small pieces, melting them into pellets, and reforming them into new material for production of new plastic goods, including new water bottles.

Plastic bottles are made from a mixture of plastic and other materials. The plastic is melted and then formed into a bottle. The bottle is then filled with water and sealed.



Waste collection is the first step in the waste management process. It involves collecting waste from bins and taking it to a waste management facility.

Online platforms provide a convenient way to book waste collection services. They allow users to schedule pickups and track the progress of their waste collection.

Waste can be converted into energy through a process called waste-to-energy. This process involves burning waste in a furnace, which produces energy that can be used to generate electricity.

INDIA'S E-WASTE



INDIA IS GENERATING E-WASTE AT AN ALARMING LEVEL WITH MEASURES TO KEEP CHECK ON IT LIMITED.

Waste can be used in many ways. It can be recycled, reused, or converted into energy. It can also be used for other purposes, such as composting or landfills.

What is E-Waste? Any electronic or electrical product which is discarded.

WHAT'S THE ISSUE? India's E-Waste generation is rising at the rate of 2-3% per year.

WHAT'S THE PROBLEM? E-waste is a growing problem in India. It is a source of pollution and health hazards. It is also a source of valuable materials that can be recycled.

Waste disposal is a complex process. It involves many steps, including collection, sorting, and recycling. It also involves many different types of waste, such as plastic, paper, and metal.

Civil

Civil engineering is a professional engineering discipline that deals with the design, construction and maintenance of the physical and naturally built environment, including public works such as roads, bridges, canals, dams, airports, etc.

Mechanical

Mechanical engineering is the study of physical machines that may involve force and movement. It is an engineering branch that combines engineering physics, mechanical engineering design, and manufacturing machines, such as electrical generators.

Electrical

Electrical engineering is concerned with the design, study and application of devices, equipment and systems that use electricity, electronics and electromagnetism. Electrical engineering designs, develops, tests and supervises the manufacture of electrical equipment.

Computer

Computer engineering is a branch of electronics engineering and computer science that integrates several fields of computer science and electronic engineering required to develop computer hardware and software. Computer engineers are specialized in hardware engineering, software engineering, programming, robotics, networking.

E & TC

Electronic engineering is a sub-discipline of both electrical engineering which emerged in the early 20th century and is distinguished by the additional use of active components such as semiconductor devices to amplify and control electric current flow.

Artificial Intelligence

Artificial intelligence is the ability of machines to perform tasks that are typically associated with human intelligence, such as learning and program solving. The term is often used interchangeably with its subfields, which include machine learning.

Data Science

Data science is an interdisciplinary academic field that uses statistical, scientific computing, scientific methods, processes, algorithms and systems to extract or extrapolate knowledge and insight from noisy structured and unstructured data.



