

**Civil Engineering Department**  
**School of Engineering & Technology**  
**Academic Year 2024-25**  
**Report on Research Project Presentation**

**1. Event Title:** Research Project Presentation at Mahindra and Mahindra Pvt. Ltd., Nashik.

**2. Event Date:** 02/10/2024

**3. Event Conduction Duration:** 9.00 AM TO 6:00 PM

**4. Event Venue:** Mahindra and Mahindra Pvt. Ltd., Nashik.

**6. Name of Event Coordinator with contact details:**

Prof. Mahesh Endait - Mob. 9923687795

Dr. Swati Patil- Mob. 8698747179

**7. Number of Participants:** 2 students (Aishwary Muley and Bhairavi Thakare) + 4 faculty members = 6

**8. Event Outline, Objective & Outcome of the event:**

**Outline:** Students of Department of Civil Engineering, M. Tech Environmental engineering, presented Research Project at Mahindra and Mahindra, Nashik on the occasion of Founder's Day. Project were selected under the theme of Sustainable Development Goal – Climate Action. Chief Guest was Shri. Sachin Arolkar, senior VP & Head International Operations, auto Division Mahindra and Mahindra Pvt. Ltd.

**Objective:** The specific objectives of this Research Project Presentation was to understand details of Research Project selected under the theme of Sustainable Development Goal – Climate Action.

**Outcome of session–** Students faculty and other visitors were able to understand about details of an apparatus for measuring biochemical and geotechnical properties of municipal solid waste during biodegradation, Methods for covering for landfills/dumpsites to Mitigates fugitive gas emission and soil cover composition. And also the details of an apparatus for removal of heavy metal from leachate.



### Research Projects

1. AN APPARATUS FOR MEASURING BIOCHEMICAL AND GEOTECHNICAL PROPERTIES OF MUNICIPAL SOLID WASTE DURING BIODEGRADATION
2. METHOD FOR COVERING FOR LANDFILLS/DUMPSITES TO MITIGATES FUGITIVE GAS EMISSIONS AND SOIL COVER COMPOSITION
3. APPARATUS FOR REMOVAL OF HEAVY METAL FROM LEACHATE



Chief Guest :- shri. Sachin Arolkar, Senior VP &Head International Operations , Auto Division Mahindra & Mahindra Pvt Ltd

**Presented By -**

- Aishwariya Mule
- Bhairavi Thakare

**Project Guided By -**

- Prof. (Dr.) M.S. Endait
- Dr. Swati Patil

### Flex Describing details of Research Project Presentation



Visit of Chief Guest Shri. Sachin Arolkar, senior VP & Head International Operations, auto Division Mahindra and Mahindra Pvt. Ltd.



**Distribution of Certificates to participants by organizer**



**Faculty member visited to Research Project Presentation**



**Interaction with Chief Guest and other visitors**