



Parshvanath Charitable Trust's
A. P. SHAH INSTITUTE OF TECHNOLOGY
(Approved by AICTE New Delhi & Govt. of Maharashtra, Affiliated to University of Mumbai)
(Religious Jain Minority)

DEPARTMENT OF CIVIL ENGINEERING

EXPERT LECTURE REPORT ON

WASTE MANAGEMENT IN MUMBAI AIRPORTS

VENUE :- A.P. Shah Institute of Technology (Online mode)

EXPERT LECTURE DATE: - 24-10-2020

AUDIENCE: - Final year Civil Engineering students and Faculty

**EXPERT SPEAKER: - Mr. Shailendra Joshi,
General Manager-Corporate Environment & Sustainability
Environment Department,
Mumbai International Airport Ltd.**

ORGANISED BY: - Civil Engineering Department

FACULTY CO-ORDINATOR: - Prof. Mrunal Joshi

TOTAL STUDENTS ATTENDED: - 68


Due to growing population, urbanization and industrialization, generation of solid waste is increasing day by day. Apart from traditional methods of management, new technologies are required to be applied in many sectors for waste management. Instead of simply dumping of the waste on dumping ground or landfilling, initiative required to be taken for applying R principles at every stage of waste management.


Expert lecture highlighted how waste management i.e solid and liquid waste management is done at Mumbai International Airport. Mr. Shailendra Joshi has added the knowledge of students by sharing his experiences at airport waste management. He described his work for Environmental operations of the Airport and related development projects, Environmental clearances of the projects, Sustainability Initiatives in the capacity of General Manager – Corporate Environment & Sustainability since October 2010. Also mentioned the initiatives taken by him for plastic bag banning, food waste management, and waste water management.

The topic was covered in a systematic manner and during the lecture, expert shared some of his field experiences with students which was very interesting. The lecture ended with question and answer session and vote of thanks.

A few Glimpses of the lecture



**Chhatrapati Shivaji Maharaj**
INTERNATIONAL AIRPORT
(MUMBAI)



Policies & Management Systems at MIAL

Policies & Management Systems in Place

- Environmental policy
- Green House Gas policy
- Corporate Social Responsibility Policy
- Integrated Management System Policy
- Environment Management System ISO 14001:2015
- Energy Management system ISO 50001:2011
- GHG Management System ISO 14064:2006
- Quality Management System (QMS) ISO 9001:2015
- Occupational Health and Safety Management Systems OHSAS 18001:2007
- Complaint Management System ISO 10002:2004
- Information Security Management System ISO 27001:2005

INTEGRATED MANAGEMENT SYSTEM POLICY

Mumbai International Airport Private Limited (MIAL) being a responsible corporate citizen in the provision & management of airport infrastructure and services is committed to comply with all applicable requirements and continual improvement in

- Quality of Services
- Health & Safety at workplace
- Environmental performance and
- Stakeholder involvement


while enhancing customer delight to make Chhatrapati Shivaji International Airport one of the world's best airports.

MIAL will achieve this through

- Continuously improving the system, processes, procedures and work practices for prevention of injuries, ill health, pollution and risk minimization through objective driven targets
- Change change and OHS management
- Sustaining initiatives
- Optimization of resources
- Compliance with all applicable legal requirements and with other requirements that the company subscribes to

MIAL will also periodically review the performance of its Integrated Management System with regard to its suitability, adequacy and effectiveness.

Date: 25th April 2015


R.K. JADHAV
Chief Executive Officer, MIAL



About MIAL & CSMIA

- Total Airport Area :- 802.03 Ha
- Crossed Runway operations
- CSMIA handled approx. 19% of India traffic
- Passenger traffic handled :- 48.5 million
- Cargo Handling :- 9,00,000 tons
- Aircraft Movements:- 3,35,000



Reverse Vending Machine

- Reverse Vending Machine (RVM) for PET bottles and aluminium cans each at Terminal 1 and Terminal 2 arrival area.
- This machine is operational all time at terminals The crushed bottles are collected and sent for recycling to "RElan" a polyester brand.
- Benefit to passengers in terms of discounts/vouchers

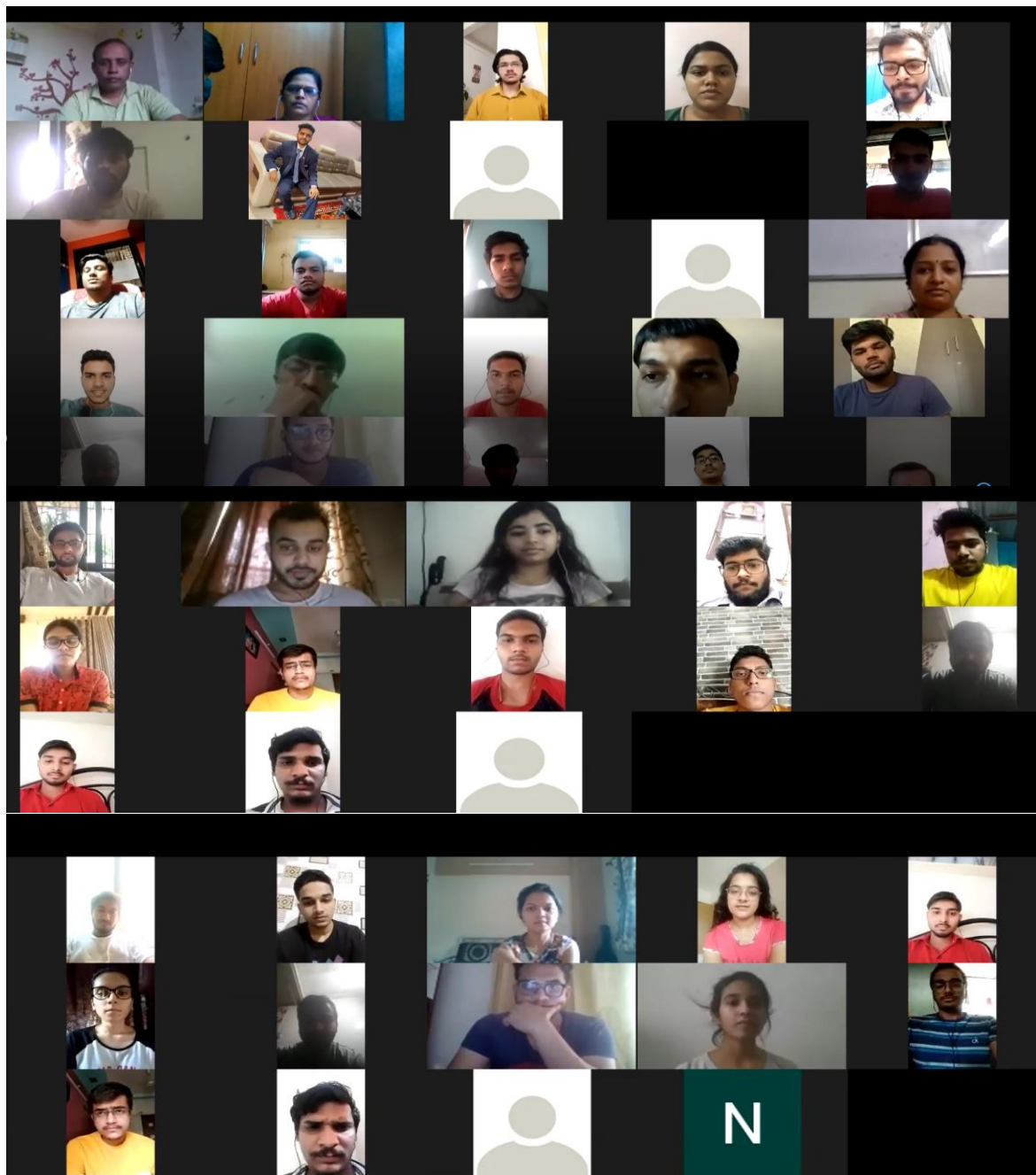


Single Use Plastic Free Airport

Banned

Any Compostable Plastic Bags except for Plant nurseries, horticulture , agriculture & handling of solid waste.





Mapping with Program Outcomes:

POs satisfied are PO1, PO2, PO3, PO4, PO6, PO7, PO8, PO9, PO10, and PO12