

GOVERNMENT ENGINEERING COLLEGE, VALSAD

Student Startup and Innovation Policy

and

Institution's Innovation Council



Report

On

SSIP SELF DRIVEN ACTIVITY

An Awareness Session on

Sustainable Engineering and Life Cycle Analysis

Organized by

Prof. M K Kunwarani

Prof. J Y Patel

Assistant Professor

Environmental Engineering Department

GOVERNMENT ENGINEERING COLLEGE, VALSAD

Details of Session

Name of event: An Awareness session on Sustainable Engineering and Life Cycle Analysis

Name of the event coordinator: Prof. Meera Kunwarani and Prof. Jinal Y. Patel, Assistant Professor, GEC VALSAD

Event Speaker: Prof. K K MODI, Prof. M N CHAUDHARI

Date of event: 25-10-2024

Number of Participants: 36 students

Objectives of event:

- Introduce students to the fundamental concepts of Sustainability Concept.
- Introduce students to the fundamental concepts of LCA.

Event description:

This Session introduce students to the fundamental concepts related to interaction of industrial and environmental/ecological systems, sustainability challenges facing the current generation, and systems-based approaches required to create sustainable solutions for society. Students will understand the concepts and the scientific method as it applies to a systems-based, trans-disciplinary approach to sustainability, and prepared to identify problems in sustainability and formulate appropriate solutions based on scientific research, applied science, social and economic issues. The basic concepts of life cycle assessment (LCA) discussed, along with life cycle inventory (LCI) and life cycle impact assessment (LCIA) including the social and economic dimensions.

Glimpses of Session:



