



**SARVAJANIK
UNIVERSITY**

INCLUSIVE | INTEGRATED | INNOVATIVE



**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of HRD Initiative)



SARVAJANIK UNIVERSITY

SARVAJANIK COLLEGE OF ENGINEERING & TECHNOLOGY

R E P O R T of EVENT

**“A Bootcamp on
Business of drone surveillance”**

Suggested by IIC

Date: 1st June, 2026
Time: 9:00 to 6:00 pm

ORGANIZED BY

IIC CELL SCET – SCET

Dr. Samip Shah
Faculty Coordinator

Dr. Utpal Pandya
President – IIC, SCET

Event Highlights

The Team

Faculty Coordinator : Dr. Samip shah, Dr Hiren Shah
IIC Cell – SCET : Dr. Utpal Pandya, President, IIC-SCET
Dr. Dhruvi Sharma, Convener, IIC- SCET

Student Coordinators : Bhavya Ladumor, Archana Sharma

Details of Event

Event Type : Institute Level Program
Event Platform : Sarvajanic College of Engineering & Technology (SCET)
Category : IIC - activity for Quarter -4 (2025-26)
Event : Session/bootcamp on Lean Start-up & Minimum Viable Product/Business of drone surveillance
Schedule and venue : 1st June, 2026, 9:00 am to 6:00 pm.
Aspirants : Second and third year UG students of SCET
Accessibility : Open to all (Students)
Registered Entry : 170
Participated Entry : 125

About the Event

Institution's Innovation Council (IIC) program is initiative of Ministry of Education (MoE) through MoE's Innovation Cell (MIC) in collaboration with AICTE for Higher Educational Institutions (HEIs) to systematically foster the culture of innovation and entrepreneurship skills in professional.

With this objective Innovation Council, SCET, SCET has organized a mentoring session on “Lean Start-up & Minimum Viable Product/Business of drone surveillance”. The primary objective of a Lean Startup and MVP approach for a drone surveillance business is to validate market demand with the lowest risk and financial investment.

This was a bootcamp session, which was a comprehensive event organized on 1st june, 2026, at the TIFAC Hall,SU, the session was guided by and faculty coordinators Dr. Samip Shan and Dr .Hiren Shah from Mechanical Department. The programme witnessed enthusiastic participation from students belonging to multiple engineering disciplines. Approximately 170 students registered for the bootcamp.

The primary objectives of the bootcamp were:

- To introduce students to the fundamentals of Unmanned Aircraft Systems (UAS).
- To demonstrate the applications of Artificial Intelligence and Computer Vision in autonomous aerial systems.
- To familiarize participants with industry-standard drone simulation and mission planning software.
- To develop an understanding of telemetry, drone calibration, safety procedures, and operational guidelines.
- To encourage students to explore research and innovation opportunities in UAV technologies.

Outcome of the workshop:

The bootcamp successfully bridged the gap between theoretical concepts and practical implementation. By the end of the bootcamp, participants were able to:

1. Explore the entrepreneurial opportunities in the drone surveillance sector.
2. Identify real-world applications and market needs for drone-based surveillance in areas such as security, agriculture, infrastructure, disaster management, and industrial inspection.
3. Understand the concept of Minimum Viable Product (MVP) and its importance in developing and validating a drone-surveillance business idea.

4. Explore business models and revenue opportunities for commercializing drone surveillance solutions.

Glimpses of Event



Photographs of workshop conduction

Photographs of lab session during workshop

Compiled and Prepared By
Dr. Tejal Joshi
Faculty Coordinator, IIC