

GOVERNMENT POLYTECHNIC FOR GIRLS, AHMEDABAD

EC & ICT Department

CO-CURRICULAR ACTIVITY REPORT

Workshop on Drone Technology

1. Event Details

Field	Details
Name of Activity	Workshop on Drone Technology
Organized By	EC & ICT Department, Govt. Polytechnic for Girls, Ahmedabad
In Association With	Vigyan Gurjari
Date	6th March 2026 (Friday)
Time	10:30 AM – 5:30 PM
Venue	Electronics Classroom, Govt. Polytechnic for Girls, Ahmedabad
Target Participants	Students of EC, ICT & Computer Engineering Departments
Total Students Attended	78

2. Resource Person

Field	Details
Name	Dr. Shweta Shah
Institution	Indus University, Ahmedabad
Designation / Affiliation	Associate Member, Vigyan Gurjari

3. Organizing Committee

Role	Name	Designation
Principal	Bhaskar Iyer	Principal, Govt. Polytechnic for Girls
Facilitator	T P Chanpura	Head, EC-ICT Department
Coordinator	M R Panchal	Faculty, EC Department

4. Attendance Summary

Sr.	Department	Students
1	Electronics & Communication (EC)	21
2	Information & Communication Technology (ICT)	28
3	Computer Engineering	27
	Total	78

5. Topics Covered

- Basics of Drone — Introduction to UAV (Unmanned Aerial Vehicles) and their classification
- Design — Structural and aerodynamic design principles of drones
- Assembly — Step-by-step hardware assembly of drone components
- Calibration — Calibration of sensors, GPS, and flight controllers
- Applications — Real-world uses in agriculture, surveillance, delivery and disaster management

6. About the Workshop

A one-day workshop on Drone Technology was successfully organized by the EC & ICT Department of Government Polytechnic for Girls, Ahmedabad, on 6th March 2026, in association with Vigyan Gurjari. The workshop was designed to provide hands-on exposure and theoretical understanding of drone technology to students of EC, ICT, and Computer Engineering departments.

Dr. Shweta Shah from Indus University, an Associate Member of Vigyan Gurjari, served as the resource person. She conducted an engaging and interactive session covering all major aspects of drone technology — from fundamental concepts and design principles to practical assembly, calibration, and real-world applications. The session was supplemented with live demonstrations and practical exercises, which greatly enhanced the learning experience of participants.

The event was inaugurated under the guidance of Principal Bhaskar Iyer and facilitated by T P Chanpura, Head of EC-ICT Department. The workshop was coordinated by M R Panchal. Enthusiastic participation was witnessed from 78 students across three departments.

7. Outcomes & Benefits

- Students gained foundational knowledge of drone architecture and UAV systems.
- Practical exposure to drone assembly and calibration enhanced technical skills.
- Interaction with an industry expert broadened awareness of career opportunities.
- Students were motivated to explore drone technology for project work and research.
- Cross-departmental participation fostered collaborative learning among EC, ICT, and Computer students.

8. Signatures

M R Panchal
Coordinator

T P Chanpura
Facilitator / Head EC-ICT

Bhaskar Iyer
Principal

WORKSHOP PHOTOGRAPHS



Felicitation of Resource Person



Opening Session — Orientation of Participants



Lecture Session — What is a Drone?



Felicitation Ceremony



Interactive Session with Students