



BVRIT HYDERABAD College of Engineering for Women
(UGC Autonomous Institution | Approved by AICTE | Affiliated to JNTUH)
(NAAC Accredited – A Grade | NBA Accredited B. Tech. (EEE, ECE, CSE and IT))
Bachupally, Hyderabad -500 090



Department of Electronics and Communication Engineering Report

Three Day Workshop on Introduction to Autonomous Drones
22nd to 24th April 2024
(In Association with TiHAN, IITH)



Resource Person:

Dr. J. Naga Vishnu Vardhan, Professor, ECE, BVRITHCEW
Mr. Raju, TiHAN, IIT Hyderabad
Mr. Naresh, TiHAN, IIT Hyderabad

Faculty Co-ordinator:

1. Dr. J. Naga Vishnu Vardhan, Professor, ECE

No. of Students Attended: 42

Day 1:

Introduction to Drones – Parts of a Drone, Aerodynamics, Flight Dynamics, Vibration and Noise, Multicopter UAV, Applications, Use of AI&ML

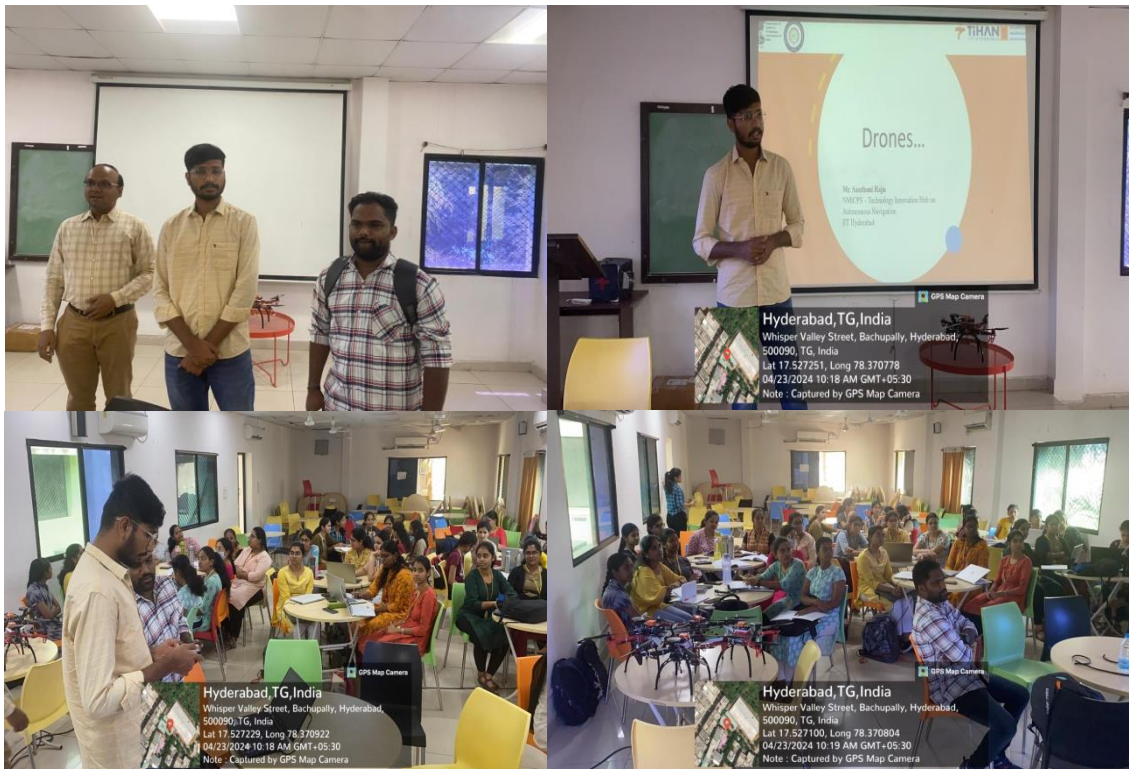
Day 2:

Design Calculations, Introduction to Mission Planner, Assembling of Drones

Day 3:

Assembling of Drones (Cont.) and Piloting

Photos:



Drone Assembly / Mission Planner



Drone Piloting



Faculty Coordinator

Dr J Naga Vishnu Vardhan

HoD-ECE

Dr. Anwar Bhasha Pattan