



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 - Guest Lecture 4th NOVEMBER 2023 (Under IIC, BVRITH and Drone Technology Lab)



Resource Person: Mr. M. Surya Madugala, Pavaman Aviation Private Limited, Hyderabad.
Topic: “Innovative Applications using Drone”



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Session on Innovative Applications using Drone 4th Nov 2023



Wel come to
Mr . Sur ya Madugala
Business Devel opment
Pavaman Aviat ion Privat e Limit ed



No. of Students Attended: 78

Topics Discussed:

Introduction to Drone, Drone Flying Zones, Types of Drones,
Drone as a Service
Applications of Drones – Defence, Agriculture, Shipping and Logistics, Entertainment, &
Photography, Survey and Mapping, Environmental Conservation, Surveillance
Skill Set required for Drone Ecosystem
Innovations to be taken up in Drone Applications
Ex: In Agriculture, for spraying pesticides all four valves / nozzles will open and we can
design a system where the required nozzle only will open
Challenges in Drone Ecosystem
Importance of DCGA certification in developing Drone Applications

Photos:



Faculty Co-ordinators:

1. Dr. J. Naga Vishnu Vardhan, Professor, ECE
2. Dr. V. Hindumathi, Associate Professor, ECE

Dr V Hindumathi
Assoc. Prof, ECE

Dr J Naga Vishnu Vardhan
Professor, ECE

Dr. Anwar Bhasha Pattan
HoD-ECE