



DHANALAKSHMI SRINIVASAN POLYTECHNIC COLLEGE

(Approved by AICTE, New Delhi & Affiliated to DoTE, Chennai)
PERAMBALUR – 621212, Tamilnadu, India. www.dspoly.com

DEPARTMENT OF DIPLOMA IN MECHANICAL ENGINEERING
Organizes

GUEST LECTURE
ON
Drone Technology and Its Applications



Presided by

Shri. A. SRINIVASAN

Esteemed Chancellor
Dhanalakshmi Srinivasan University

Resource Person

Mr. N SUNDARESAN

Technical lead
Dronedeus Aerospace Private Limited, Trichy.



Date: 08.09.2023 | Venue: Seminar Hall / DSPC |
Time : 02:00 p.m.



All are Invited



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Our Department Of Diploma in Mechanical Engineering organizes The Guest Lecture on “DRONE TECHNOLOGY AND ITS APPLICATIONS” on 08.09.2023 at 2:00p.m in Seminar Hall. Mr. N Sundaresan, Technical lead was invited as a Resource Person from Dronedeus Aerospace Private Limited- Trichy. Mr. G. Saravanan, Head of the department/ Diploma in Mechanical Engineering gave the welcome address and our Principal Mr. R. Prabhu motivated the students towards the development of skills, then he handover the session to the resource person.

Topics covered during the session

1. Introduction to drone technology
2. Multi rotor building techniques
3. Components requirement and Constructional techniques
4. Accelerometer sensors, gyros and controllers.
5. Simulation methods
6. Flight controller calibration techniques
7. Basics of Flight controller, ESC, BLDC motors, Propellers, Transceivers
8. Application and opportunities in drone industry

Glimpses of Guest Lecture

