



MALINENI LAKSHMAIAH
WOMEN'S ENGINEERING COLLEGE

Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada : : Accredited by 'NBA' for our CSE & ECE and NAAC A+ Grade

Pulladigunta (V) Vatticherukuru (M), Guntur (Dist.)



Workshop on Drone Prototyping

1. **Date of the Event:** 22-01-2024 to 24-01-2024
2. **Title of the Event:** Workshop on Drone Prototyping
3. **Objective of the Program:**

The Objective of this program is to facilitate collaborative learning and skill development in the field of aviation, fostering innovation, networking and knowledge exchange among participants. Through interactive sessions, hands-on activities and expert-led discussions, the workshop aims to enhance participants' expertise and contribute to their professional growth in the dynamic landscape.

4. **Resource Persons :**

Speaker:

S.No	Name of the Trainer	Designation
1.	Mr. Gopi Raja	CEO Fopple Drone Tech Pvt Ltd



5. Session Plan :

S.No	Date	Duration	Morning Session	Afternoon Session
1.	22-01-2024	09:00am - 04:00 pm	• Introduction to Drones • History of Drones • Types & Applications of Drones • Drone Hardware & Software • Working of Drones	• UAV Making • Drone Making • Drone Simulation
2.	23-01-2024	09:00am - 04:00 pm	• Drone Making • Ready to Fly	• Demonstration of Flying • DGCA Safety Regulation & develop safety attitude while flying drones. • Basics of Drone Piloting
3.	24-01-2024	09:00am - 04:00 pm	Field level Drone Piloting Training. • Drone Piloting • Hovering • Takeoff & Landing • Patterns Practice (Square, square wave)	Developing Innovative application with Drones. • IoT based application • Different types of multi rotors. • Quad, Hexa, Octa, Co axial drone.

6. Participant Details:

a. Student Participants:

S.No	Name of the Branch	Year/ Semester	No.of Students
1.	E.C.E	II/II	110



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INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiative)

b. Faculty Participants:

S.No	Name of the Branch	No.of Faculty
1.	E.C.E	3

7. Banners of the Event:

**MALINENI LAKSHMAIAH
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(AUTONOMOUS)
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Pulladigunta(V), Vatticherukuru(M), Guntur(Dt), A.P.

Department of ECE
**3 Day
Drone Prototyping
Workshop**

Date: 22nd to 24th Jan, 2024

in association with **FOOPPLE
TECHNOLOGIES**

8. Event Photos:



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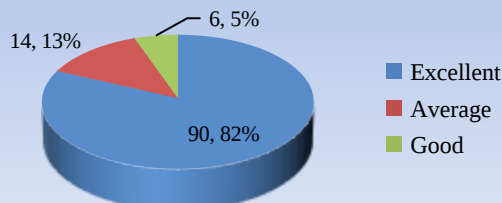


9. Social Media :

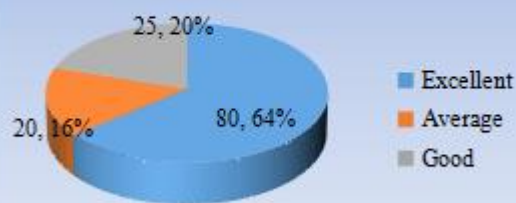
[https://www.facebook.com/photo/?fbid=815715173915535&set=pcb.815715653915487&_cf_t__\[0\]=AZWow6WH8mPDN0WGgFt5cHHw-MARaqDo6hq1BCTpfXrHzZ_2fT8F5RA50m5TWKQsfxyyp4UHsehEkbuYML0hA24ljyZxpHIHf8fZxI4NF1bC34MmM3fdz2j8AoywUR9BFA&_tn_*bH-R](https://www.facebook.com/photo/?fbid=815715173915535&set=pcb.815715653915487&_cf_t__[0]=AZWow6WH8mPDN0WGgFt5cHHw-MARaqDo6hq1BCTpfXrHzZ_2fT8F5RA50m5TWKQsfxyyp4UHsehEkbuYML0hA24ljyZxpHIHf8fZxI4NF1bC34MmM3fdz2j8AoywUR9BFA&_tn_*bH-R)

10. Participants feedback on Event:

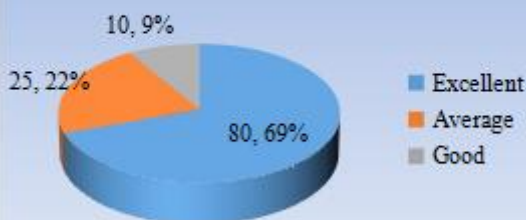
How do you rate the speaker communicating his ideas & concepts clearly?



How do you rate the speaker explained the things?



How do you rate the session was interesting?



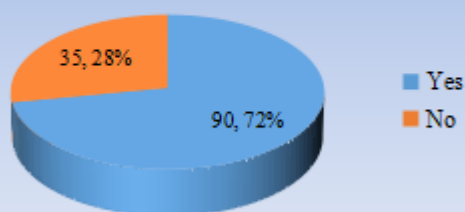
How do you rate the Auditorium/ Seminar hall Amenities?



How was the overall organisation of the session?



Will you prefer to call again the speaker next time ?





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10. Remarks:

Total 110 girl students of II/ II E.C.E participated in 3-day Drone workshop mentored by Mr. Gopi Raja, CEO of Fopple Drone Tech Pvt.Ltd. This workshop covers the fundamentals of Drone Technology, including components, design and flight operations. Students learned about applications in various industries and participated in hands-on activities, building and flying drones. This workshop also explores future trends in the Drone industry.