

Field Trip Report

On

Fopple Drone Technology in Kankipadu, Krishna District

Date: 11-03-2025

Time: 10:00 A.M to 02:00 P.M

Venue: NEAR CENTRAL BANK, KANKIPADU, VIJAYAWADA,

Andhra Pradesh 521151

Invitation:



Objective of the Field Trip

The primary objective of this field trip was to:

1. Understand the functioning of drone technology and its various applications.
2. Explore the ways in which drones can contribute to the agriculture sector, specifically in crop monitoring and pesticide spraying.
3. Gain knowledge about the technical aspects of drone design, development, and maintenance.
4. Understand the future potential and growth prospects of drone technology in the region.

Description

On 11/03/2025 a group of students and faculty members visited Fopple Drone Technology located in Kankipadu, Krishna District. This field trip was aimed at exploring the innovative work done by Fopple in the field of drone technology and its applications in various industries such as agriculture, surveillance, and logistics. The trip provided us with an insightful experience into the practical uses of drones and their impact on technological advancements in the region.

About Fopple Drone Technology

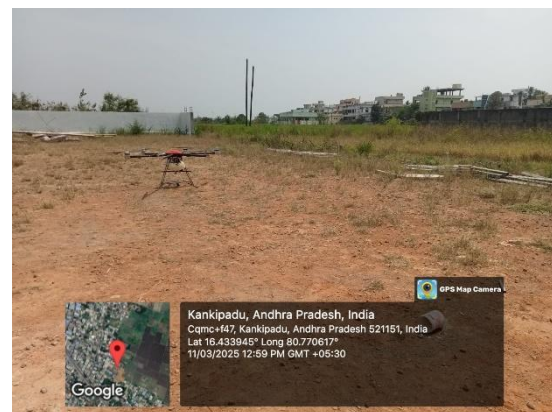
Fopple Drone Technology is a leading company that specializes in manufacturing and deploying drones for commercial and industrial use. The company focuses on providing solutions to industries such as agriculture, defense, surveillance, and logistics by using unmanned aerial vehicles (UAVs) to perform tasks like crop monitoring, security surveillance, data collection, and delivery systems. The company operates out of Kankipadu, a strategic location in Krishna District, which serves as an ideal base for drone operations due to its open landscape and proximity to agricultural fields.



PHOTOS:



GEO TAGGED PHOTOS:



No. Of participants :45

**LIST OF STUDENTS PARTICIPATION IN FIELD VISIT ON
11-03-2025
Fopple Drone Pvt.ltd, Kankipadu, Krishna district**

SNO.	NAMES	ROLLNO	CLASS
1	Konmdaveeti Hima Varshini	223104s	III BSC -CSCS
2	Kalluri Kavya Sri	223106s	III BSC -CSCS
3	Killu Hari Chandana	223107s	III BSC -CSCS
4	Komati Tejasree	223108s	III BSC -CSCS
5	Koram Tejaswi	223109s	III BSC -CSCS
6	Masimukku Lahari	223110s	III BSC -CSCS
7	Ika Navya Sree	223114s	III BSC -CSCS
8	Neti Samhitha	223115s	III BSC -CSCS
9	Bonthu Jyothisri	223132s	III BSC -CSCS
10	Chinta Ratna Priya	223133s	III BSC -CSCS
11	Chinta Sravanthi	223134s	III BSC -CSCS
12	Eduru Pushpa	223135s	III BSC -CSCS
13	Guddala Dhana Sri	223136s	III BSC -CSCS
14	Itta Mariya Pujitha	223137s	III BSC -CSCS
15	Komatham Dhanalakshmi	223138s	III BSC -CSCS
16	Kella Veera Deepika	223140s	III BSC -CSCS
17	Kondapaturi Siva Deepika Sowmya	223141s	III BSC -CSCS
18	Kurra Anuradha	223142s	III BSC -CSCS
19	Laam Rupavathi	223143s	III BSC -CSCS
20	Lakku Poojitha	223144s	III BSC -CSCS
21	Madala Hemasri	223145s	III BSC -CSCS
22	Mahankali Jaswanthi	223146s	III BSC -CSCS
23	Malluri Vaishnavi	223147s	III BSC -CSCS
24	Mandala Keerthi Sri	223148s	III BSC -CSCS
25	Mulagani Vyshnavi Naga VaraLakshmi	223150s	III BSC -CSCS
26	Natta Deepika	223151s	III BSC -CSCS
27	Parakandla Naga Sai Vyshnavi	223152s	III BSC -CSCS
28	Pathibandla Moksha Manisha	223153s	III BSC -CSCS
29	Sangepu Sowjasree	223154s	III BSC -CSCS
30	Tallapragada Sriya	223156s	III BSC -CSCS
31	Vaddi Neha	223158s	III BSC -CSCS
32	Vanukuru Thoshitha	223159s	III BSC -CSCS
33	Velpula Srija	223160s	III BSC -CSCS

34	A.vyshnavi	243631S	I BSC. HON(ELECTRONICS
35	S.poojitha	243640S	I BSC. HON(ELECTRONICS
36	S.lakshmi kumar	243602S	I BSC. HON(ELECTRONICS
37	K.gayatri	243636S	I BSC. HON(ELECTRONICS
38	K.gayatri	243637S	I BSC. HON(ELECTRONICS
39	N. Reshma	243638S	I BSC. HON(ELECTRONICS
40	D.Sujitha	243634S	I BSC. HON(ELECTRONICS
41	B.Sandhya	243633S	I BSC. HON(ELECTRONICS
42	V.Manisha	243641S	I BSC. HON(ELECTRONICS
43	B.Revathi	243632S	I BSC. HON(ELECTRONICS
44	M.Bhargavi	243603S	I BSC. HON(ELECTRONICS
45	G.sumitra	243635S	I BSC. HON(ELECTRONICS

Outcome of the programme:

The visit began with an introductory session where the Fopple team explained the basic principles of drone technology. This session included an overview of the types of drones developed by the company, their specifications, and their applications. The staff also provided us with detailed insights into the technologies that power drones, such as GPS, sensors, AI algorithms, and communication systems.

Following the introductory session, we were given a live demonstration of drones in action. This included:

- **Agricultural Drones:** These drones are equipped with multispectral sensors that can capture high-resolution images and detect crop health. We were shown how drones are used to monitor large agricultural fields, identify pest infestations, and determine soil health, which allows farmers to make informed decisions about fertilization and irrigation.
- **Surveillance Drones:** The company demonstrated how drones are used for security and surveillance purposes. Equipped with high-definition cameras and night vision capabilities, these drones can patrol vast areas, ensuring the safety of industries and infrastructure.
- **Delivery Drones:** A prototype of a delivery drone was shown, designed for transporting goods efficiently and quickly. We learned how drones are being tested for use in logistics, particularly in remote areas where traditional delivery methods are challenging.

Feedback on the program:

- The field trip to Fopple Drone Technology in Kankipadu provided a deeper understanding of the diverse applications of drone technology and its future potential. The visit highlighted how drones are transforming industries, particularly in agriculture, and contributing to more efficient and sustainable practices. It also underscored the importance of continuous research and development in overcoming challenges associated with drone technology.
- As drone technology continues to evolve, it is likely to play a crucial role in shaping the future of industries worldwide. Our visit to Fopple served as a valuable educational experience that broadened our perspective on how technology can be leveraged to address global challenges and improve various aspects of life.