

PRAGATI ENGINEERING COLLEGE

(Approved by AICTE, Permanently Affiliated to JNTUK, KAKINADA & Accredited by NBA)

1-378, A.D.B.Road, Surampalem, Near Peddapuram-533437



REPORT

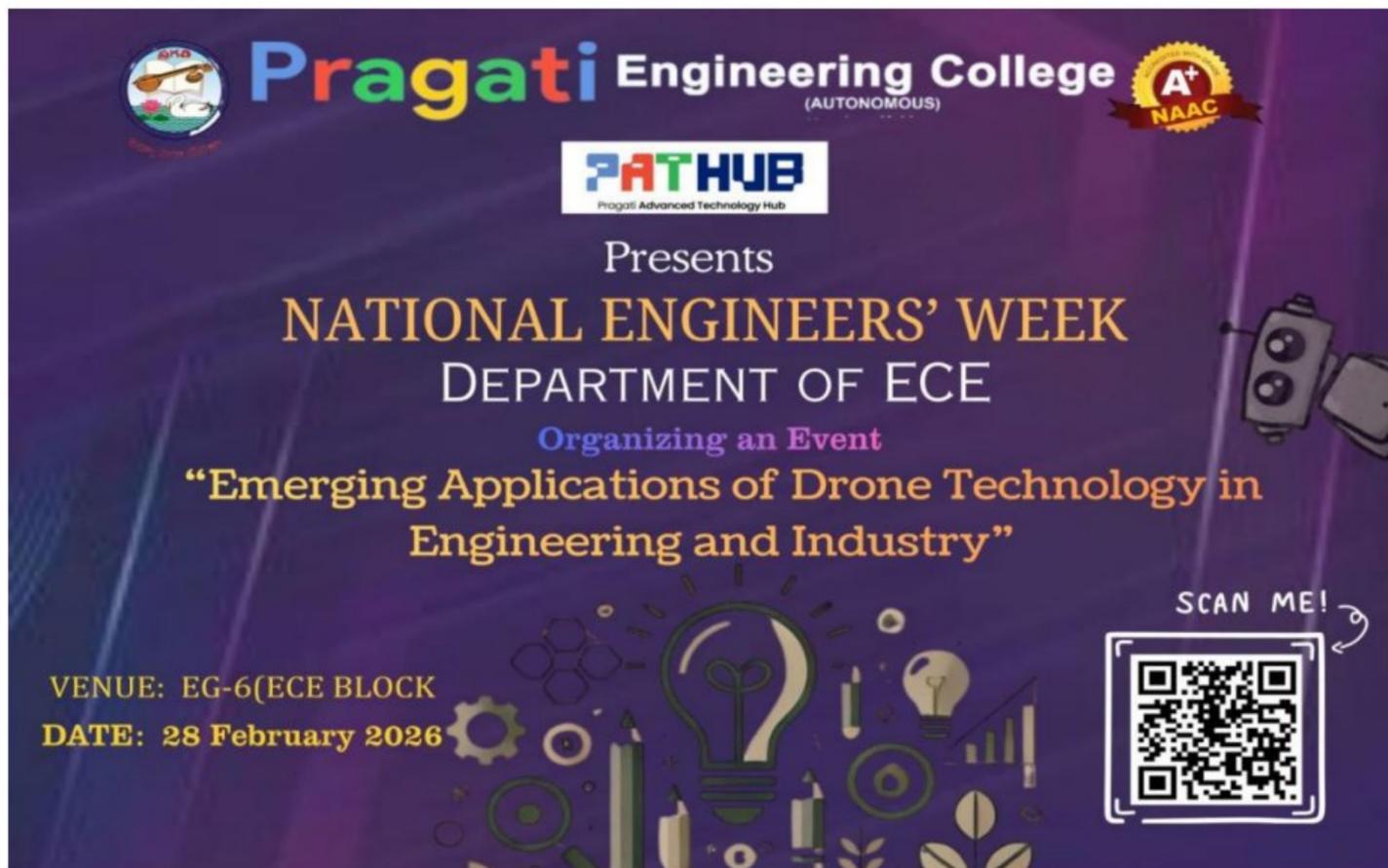
on

Emerging Applications of Drone Technology

Date: 28-02-2026

Day: Saturday

Dept. of ECE of Pragati Engineering College in association with Career Guidance Cell is organizing a competition on “**Emerging Applications of Drone Technology**” as part of Industry 4.0 and on occasion of National Engineers Week from 23-2-2026 to 28-2-2026.



Content Delivered in the Event

Drone technology is rapidly advancing and playing a significant role across various sectors. Modern drones are equipped with advanced cameras, sensors, and GPS systems, enabling them to perform complex tasks efficiently and accurately. The emerging applications of drone technology are transforming several industries, including agriculture, disaster management, surveillance, logistics, and environmental monitoring.

1. Agriculture:

Drones are used for crop monitoring, spraying fertilizers and pesticides, and analyzing soil and crop health, which helps farmers improve productivity and manage resources effectively.

2. Disaster Management:

Drones assist in search and rescue operations, damage assessment, and the delivery of emergency supplies during natural disasters, enabling quicker and safer response efforts.

3. Surveillance and Security:

Drone technology is widely used for border monitoring, traffic surveillance, and enhancing public safety by providing real-time aerial monitoring.

4. Logistics and Delivery:

Several organizations are exploring drone-based delivery systems for transporting medicines, food, and other essential goods quickly and efficiently.

5. Environmental Monitoring:

Drones play an important role in tracking wildlife, monitoring forests, and studying environmental and climate changes.



FIRST PRIZE: CH. MOUKTHIKA - 24A31A04K5 and N.BHAVITHA KRISHNASRIJA - 24A31A04M0



SECOND PRIZE: G. SIRI CHANDANA – 24A31A0474 and T. TEJASWINI - 24A31A0492

Registration list:

S.NO	NAME	ROLL NO	BRANCH
1.	CH. Moukthika	24A31A04K5	ECE
2.	N. Bhavitha krishnasrija	24A31A04M0	ECE
3.	G. Siri Chandana	24A31A0474	ECE
4	T. Tejaswini	24A31A0492	ECE
5	Shah Sana Azmi	24A31A4395	ECE
6	Gollapalli Sai Venkata Dheeraj	24A31A4439	ECE
7	V Harsha Teja	23A31A04S1	ECE
8	Myla Kavya	24A31A05CI	ECE
9	Vennela Kumili	22A31A0215	ECE
10	Vasamsetti Satya Gopika Srikala	24A31A04F5	ECE
11	B. Sri Divya	23A31A0224	ECE
12	B. Paramesh	23A31A04S4	ECE
13	Kosuri balu	23A31A04T8	ECE
14	Tirumalasetti Sai Kiran	23A31A04C8	ECE
15	V.ranjith	23A31A04W5	ECE
16	P.manoj	25A35A0426	ECE
17	P.V.S.Datteswati	23A31A04K9	ECE
18	Kotamsetti Udaya Kiran	24A31A04I0	ECE
19	Kartha Preetham Harshavardhan	24A31A04H6	ECE
20	Visinigiri Venkat Rahul	25A35A0418	ECE
21	A Salman Raju	24A31A04G1	ECE
22	Oleti Kesava Swami	25A35A0418	ECE
23	Thanu sree	24A31A0476	ECE
24	SasankhKalukuracha	24A31A04H2	ECE
25	Tamilisetti Venkata Suri Subbi Reddy	24A31A04J5	ECE
26	Akshaya	24A31A0475	ECE
27	M.Sarada	23A31A0482	ECE
28	Pothanapalli Jayashree Rao	23A31A0410	ECE

29	R.Kavyasri	24A31A05CO	ECE
30	Kandula Swathi Sri	23A31A0476	ECE
31	Tekumudi Satwik Ayyappa	23A31A04C7	ECE
32	Aynala Bhagavathi Sumedha	24A31A04K1	ECE
33	T Chandini	24A35A0418	ECE
34	B Poojitha	24A35A0417	ECE
35	Mallidi Sai Teja Rama Reddy	23A31A04H1	ECE
36	CHANDU MANIGAM	23A31A04H2	ECE
37	D Paul Suvarna	24A35A0419	ECE
38	D. Bhanu Kiran Reddy	23A31A04G3	ECE
39	Mothiki Jayasree Naga Sahithi	24A31A04L9	ECE
40	Masimukkala Aswini	24A31A0410	ECE



PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

DEPARTMENT OF Electronics and Communication Engineering

PEC / Admin / Circular / 2026

Date: 24-02-2026

CIRCULAR

All the staff and Second- and Third-Year students are hereby informed that a PowerPoint Presentation on “**Emerging Applications of Drone Technology**” is being organized by the Department of Electronics and Communication Engineering, in association with the Industry 4.0, on the occasion of National Engineers’ Week.

Date: 28-02-2026

Time: 02:30 PM to 03:30 PM

Venue: EG-6 (ECE BLOCK)

Faculty Coordinator: Mr. CH.SATISH

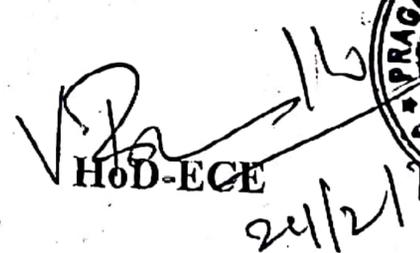
Student Coordinator: Mr. P.SURESH

Mr. T.KIRAN KUMAR


Faculty coordinator

Copy to:

- 1) Chairman /All Directors / Vice President for kind information.
- 2) Vice Principal/Dean T&P for information.
- 3) All HoDs are requested to circulate among your staff members.
- 4) Office File.


HOD-ECE
