



Department of Artificial Intelligence and Machine Learning

09.12.2025

**Submitted to,**

**Date:** 09.12.2025

**Sub: Report on AERO INTELLECT 5.0 – Advanced AI-Driven Drone Systems  
Workshop – 03.12.2025 – Dept. of AIML – Reg**

The Department of Artificial Intelligence and Machine Learning (AIML) of Sri Sairam College of Engineering, Anekal, Bengaluru, successfully organized a significant two-day hands-on workshop titled **Aero Intellect 5.0: Advanced AI-Driven Drone Systems**. The workshop was conducted on **December 3–4, 2025** under the CoE – Drone & Innovation Technology, in association with the AIML department. This initiative provided a comprehensive platform for students, researchers, and innovators to engage with cutting-edge drone technology and apply their skills to understand AI-enabled autonomous systems, drone assembly, real-time navigation, and sustainable technological applications.

**Event Details**

<b>Event Name</b>	<b>AERO INTELLECT 5.0 – Advanced AI-Driven Drone Systems Workshop</b>
<b>Organizing Department</b>	Department of Artificial Intelligence and Machine Learning (AIML)
<b>Date</b>	3rd December 2025 & 4th December 2025
<b>Venue</b>	Sri Sairam College of Engineering, Anekal, Bengaluru
<b>Patrons</b>	Dr. Sai Prakash LeoMuthu, Chairman & CEO, Sairam Institutions
<b>President</b>	Dr. B. Shadaksharappa, Principal, SCE, Bengaluru
<b>Convener</b>	Dr. Sivaprakash C, Prof. & Head (AIML), SCE, Bengaluru
<b>Faculty Coordinators</b>	Mrs. Tharani R. and Mrs. Reshma Farhin J.



## Department of Artificial Intelligence and Machine Learning

### Aero Intellect 5.0 Advanced AI-Driven Drone Systems Workshop

The event was facilitated by a distinguished industry expert, **Mr. P. Surender**, Manager at Aeroknotz Pvt. Ltd., Chennai, who conducted highly insightful sessions that blended core drone engineering concepts with practical demonstrations. The workshop emphasized experiential learning and provided students with real-time exposure to AI-enabled drone technologies.

The key areas of focus included:

- **Drone design and component demonstration**
- **Hands-on drone assembly and hardware understanding**
- **Autonomous flight programming and sensor integration**
- **AI-based real-time object tracking and navigation**

This initiative strongly aligns with the **United Nations Sustainable Development Goals (SDGs)**:

- **Goal 4 – Quality Education:** Enhancing access to practical, industry-oriented learning experiences.
- **Goal 8 – Decent Work and Economic Growth:** Equipping learners with essential technological skills relevant to the growing drone and AI industries.
- **Goal 9 – Industry, Innovation, and Infrastructure:** Promoting innovation through hands-on drone projects and exploration of intelligent aerial systems.
- **Goal 17 – Partnerships for the Goals:** Strengthening collaboration between academia and industry professionals to support emerging technologies.

The workshop's interactive approach encouraged enthusiastic participation. Toward the end, students engaged in an insightful **Q&A session** with the resource person, seeking clarifications and gaining deeper understanding of real-world applications of AI-driven drone technologies.

## Department of Artificial Intelligence and Machine Learning

### Glimpse of Advanced AI-Driven Drone Systems Workshop





## Department of Artificial Intelligence and Machine Learning

### Glimpse of Advanced AI-Driven Drone Systems Workshop

#### Feedback Form:

Aero Intellect(Response) star to &

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	Timestamp	USN	Name	The workshop objectives were clearly explained	The topics covered (AI concepts, drone design, etc.)	The hands-on session helped me understand	How satisfied are you with the workshop	The trainers were knowledgeable
2	12/5/2025 13:24:34	188244003	Reshma	Excellent	Excellent	Excellent	Very Satisfied	
3	12/5/2025 14:46:30	188244003	Akshay M	Good	Good	Good	Neutral	
4	12/5/2025 14:46:28	188244005	Hemanth Kumar	Good	Good	Good	Neutral	
5	12/5/2025 14:46:32	188244002	Ajay M	Good	Good	Good	Neutral	
6	12/5/2025 14:46:35	188244035	Pavan BM	Excellent	Excellent	Excellent	Very Satisfied	
7	12/5/2025 14:46:45	188244034	NithyaShree S	Good	Good	Good	Satisfied	
8	12/5/2025 14:46:51	188244045	SAIF KHAN S	Excellent	Excellent	Excellent	Very Satisfied	
9	12/5/2025 14:46:52	188244059	VidyaShree H S	Good	Good	Good	Neutral	
10	12/5/2025 14:47:00	188244023	Manmath kumar	Good	Good	Good	Neutral	
11	12/5/2025 14:47:00	188244040	Shrishti RM	Good	Good	Good	Satisfied	
12	12/5/2025 14:47:02	188244009	DekkuVilla O	Good	Good	Good	Satisfied	
13	12/5/2025 14:47:50	188244052	Thejaswini M	Good	Fair	Good	Neutral	
14	12/5/2025 14:47:50	188244041	Ranjitha B K	Fair	Fair	Fair	Neutral	
15	12/5/2025 14:47:06	188244042	Ranjeet Kumar Sharma	Excellent	Good	Good	Very Satisfied	
16	12/5/2025 14:47:09	188244044	Roopashree S	Fair	Fair	Fair	Neutral	
17	12/5/2025 14:47:10	188244039	Ramitha R	Good	Good	Good	Satisfied	
18	12/5/2025 14:47:14	188244061	Yoga Deepika K.B.	Fair	Fair	Fair	Neutral	
19	12/5/2025 14:47:15	188244004	Aradhna reddy M/T	Good	Good	Good	Satisfied	
20	12/5/2025 14:47:15	188244020	Kanakika Joshi	Excellent	Excellent	Excellent	Very Satisfied	
21	12/5/2025 14:47:18	188244007	Chanda Elshoor S	Excellent	Excellent	Excellent	Very Satisfied	
22	12/5/2025 14:47:21	188244040	Ranjith B	Good	Good	Good	Neutral	
23	12/5/2025 14:47:24	188244003	Niranjan V	Good	Good	Good	Satisfied	

Thanking You

Yours Sincerely,

1.   
(J. Reshma Fathur)

2.   
(R. THARANI)

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11/12/2025