

REPORT

A.Y: 2025-26

Title of the program:	Hands-on Training Program on “ RC planes and Drone operation ”.
Faculty Coordinator	Dr. A Revanth Reddy Associate Professor Dept of Aerospace Engineering Mr. S Indrasena Reddy Sr. Assistant Professor Dept of Aerospace Engineering
Target Audience:	Laboratory Technicians, Workshop Assistants, and Supporting Technical Personnel
Event Type:	Hands-on Training Program
Name of the organization:	Department of Aerospace Engineering, LBRCE
Venue:	Aeromodelling Laboratory, Department of Aerospace Engineering
Number of Days and Date:	RC Plane Training: 4 Days (04-08-2025 to 07-08-2025) UAV Operations Training: 2 Days (08-08-2025 to 09-08-2025)
Resource Person	Mr. Naveen Sundaramoorthy, Director, Felix Innovation Club, Chennai
Summary of the Event:	The Department of Aerospace Engineering organized a six-day Hands-on Training Program on RC Planes and UAV Operations for non-teaching staff. The program was conducted by Mr. Naveen Sundaramoorthy, Director, Felix

	Innovation Club, Chennai. During the first four days, participants received practical training in RC aircraft components, assembly procedures, flight controls, troubleshooting, maintenance practices, and safe flight operations. The subsequent two days focused on UAV systems, including drone assembly, sensor integration, calibration, mission planning, and flight operation techniques. The training emphasized experiential learning through live demonstrations and hands-on practice sessions, enabling participants to effectively support laboratory activities, student projects, and departmental innovation initiatives.
Outcome from the Event:	• Participants understood the fundamentals of RC aircraft components, assembly procedures, and flight control systems. • Non-teaching staff acquired practical skills in RC aircraft operation, maintenance, and troubleshooting. • Participants gained exposure to UAV architecture, calibration procedures, and flight operation protocols. • Staff developed competency in handling aeromodelling laboratory equipment and supporting laboratory experiments. • Enhanced technical capability to assist students in RC aircraft and UAV-based projects. • Improved awareness regarding aviation safety practices, operational procedures, and equipment maintenance.
Feedback Taken from Participants:	Feedback collected from participants indicated a high level of satisfaction with the training program. The practical sessions, live demonstrations, and hands-on activities were particularly appreciated. The staff recommended conducting advanced-level training programs on UAV applications and maintenance.

Action Plan:	• Organize advanced UAV operation and maintenance workshops. • Conduct periodic refresher training programs for laboratory staff. • Encourage participation in drone technology and aeromodelling certification programs. • Develop in-house expertise to support student innovation and research activities in UAV and RC aircraft technologies.
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DEPARTMENT OF AEROSPACE ENGINEERING

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Non-Teaching Staff

Si. No.	Name of the Staff	Designation	Department
1.	Mr. S Venkata Narayana	Senior Technician	ASE
2.	Mr. V. Brahma Reddy	Lab. Assistant	ASE
3.	Mr. D. Seetha Rami Reddy	Technician	ASE
4.	Mr. Y. Suresh	Helper	ASE
5.	Mr. K Ramesh	Jr. Assistant	ASE
6.	Mr. D. Ashok Kumar	Fitter	ASE
7.	Mr. P. Manikyala Rao	Fitter	Mechanical
8.	Mr. A. D.Mallikarjuna Rao	Technician	Mechanical
9.	Mr. G. Subramaya Charyulu	Sr. Technician	Mechanical
10.	Mr. G. Ravinder Reddy	Sr. Technician	Mechanical
11.	S. Ajay Babu	Fitter	Mechanical
12.	Mr. G. Subramaya Charyulu	Sr. Technician	Mechanical

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