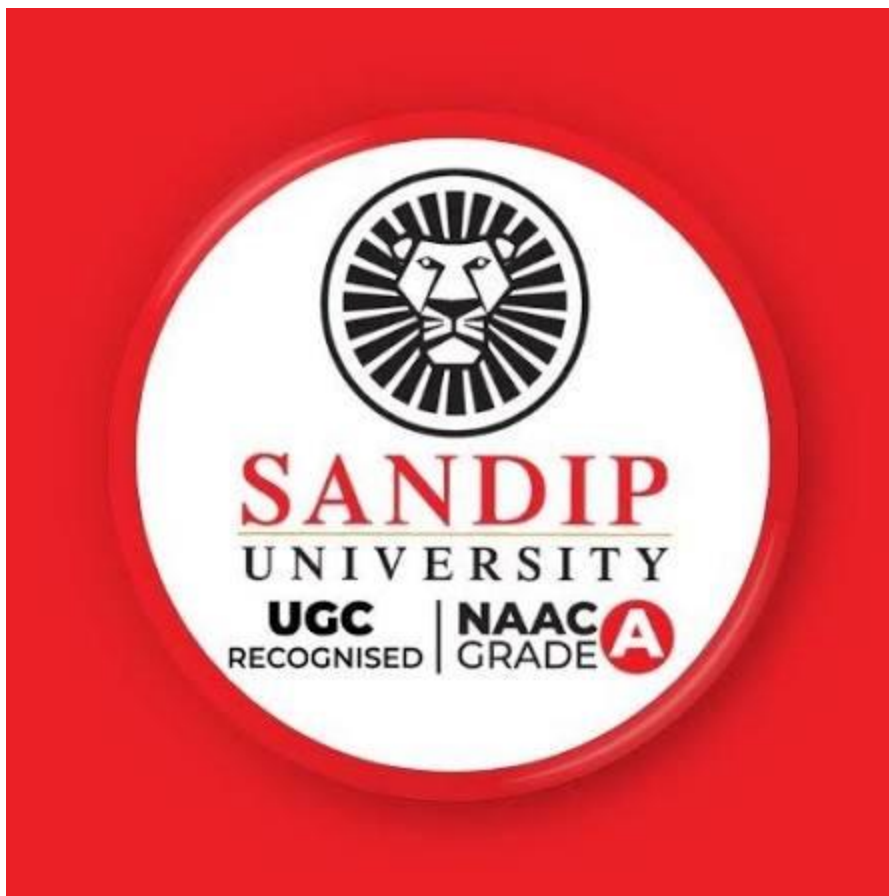


SANDIP UNIVERSITY, NASHIK
School of Engineering and Technology
Department of Aero Engineering

Event Report
On
RC Plane Demonstration



Event Details

Name of Event	RC Plane Demonstration
Date	11 September 2026
Time	1:30 PM – 5:00 PM
Venue	Y Building Seminar Hall
Organized by	Department of Aero Engineering / Advay Space Forum
Participants	Students and faculty members
Target Group	Students of Aeronautical Engineering
Resource Persons	1. Mr Avinash Panchal 2. Mr Sanjay Pagare 3. Mr Divijay Manoj Mankar

Introduction

The Department of Aero Engineering organized an RC Plane Demonstration to provide students with practical exposure to the basic principles of radio-controlled aircraft, aircraft configuration, flight control, and flying operations. The event aimed to bridge the gap between theoretical knowledge and practical applications in aerospace engineering.

Objectives

1. To introduce students to RC aircraft and their components.
2. To demonstrate the principles of aircraft flight and control.
3. To provide practical exposure to RC aircraft assembly and operation.
4. To enhance students' interest in aerospace and aviation technology.
5. To connect classroom concepts with real-world applications.

Event Proceedings / Description

The programme commenced with a welcome address by the Associate Professor Dr Vishal Vasista, Aero Engineering Department. Felicitation by Associate Professor Dr Varun Voruganti, Aero Engineering Department. An introductory session was given by on the fundamental principles of RC aircraft, including aircraft configuration, propulsion systems, control surfaces, radio-control systems, and basic flight mechanics.

The resource persons subsequently explained the various components of an RC aircraft and their functions. Students were given an opportunity to observe the aircraft closely and understand the practical aspects of assembly and operation.

Following the technical session, a live flying demonstration was conducted. The demonstration enabled students to observe aircraft take-off, manoeuvring, turning, climbing, descending, and landing. The students actively participated in the interaction and raised questions regarding aircraft design, stability, control, and flight operations.

Student Participation

Students actively participated throughout the programme and showed considerable interest in understanding the working principles of RC aircraft. An interactive question-and-answer session was conducted, during which students discussed topics related to aircraft stability, propulsion, control surfaces, battery systems, and flight control.

Outcomes

The programme provided students with valuable practical exposure to RC aircraft technology. It helped them understand the relationship between theoretical concepts such as aerodynamics, flight mechanics, propulsion, stability, and control and their practical implementation. The demonstration also encouraged students to explore hands-on projects and further develop their interest in unmanned aerial systems and aerospace technology.

Conclusion

The RC Plane Demonstration was successfully conducted and received an enthusiastic response from the students. The programme effectively enhanced practical understanding of RC aircraft and provided an opportunity for students to connect their academic knowledge with real-world aerospace applications. The event concluded with a vote of thanks to the organizers, resource persons, faculty members, and participating students.

Students Role

S.no	Name	PRN	Role
1	GUNJAN MANOJ MANKAR	240101051031	Student Coordinator
2	PURAM ABHINAYA	240101051035	Anchoring
3	KOTHURU PROSPER RAJ	240101051027	Volunteer
4	GADIPALLY JAYARAM GOUD	250101052004	Volunteer
5	BHOOMPALLY RATHNAKAR	240101051021	Volunteer
6	SREERAMULU GARI PRADEEP KUMAR	240101051025	Volunteer
7	DURISHETTI SHIVA VISHNU VARDHAN	250101431032	Volunteer
8	GOOLLA LAVA KUMAR	250101431038	Volunteer
9	YELLAPU SHYAM	250101431018	Volunteer
10	PONNALA UDAY TEJ	250101431006	Volunteer



ADVAY SPACE FORUM

— A Prometheus Society —

presents

✈ DEPARTMENT OF AERO ENGINEERING ✈

RC PLANE DEMONSTRATION

Witness the Skies Come Alive

"From Imagination to Ignition — Engineering Takes Flight"

Aerobatic Stunts • Live Flying Display • Hands-on Interaction



DATE

10 September 2026

TIME

2:00 PM – 5:00 PM

VENUE

Y - Building

Open for all students & faculty | Live Flying Display

RC Plane Demonstration Presented By: **Sanjay Pagare**



STUDENT COORDINATOR

Gunjan Mankar



FACULTY COORDINATOR

Associate Prof.
Varun Varogunti



HOD

Yogesh Bhawarker



DEAN

Prof.(Dr.) Prakash Burade

Poster Made By: Krishna Lohakare



Fly High. Dream Higher.

Poster for RC Plane Demonstration



Students with Instructors

MEET YOUR INSTRUCTOR

Sanjay



An electrical engineer for over three decades, Sanjay has spent his career solving real-world engineering problems — and his free time flying, building, and perfecting remote control aircraft. What started as a personal hobby has grown into a deep, practical understanding of aerodynamics, electronics, and precision building — knowledge he now wants to pass on directly to newcomers. This workshop distills decades of trial, error, and flight-line experience into a single hands-on afternoon.



35+

Years as an
Electrical Engineer



1:1

Hands-On
Guidance Style



100%

Practical, Not Just
Theoretical

Instructor Profile

Report Prepared by: Dr Varun Voruganti, Associate Professor, Aero Engineering.

Dr Varun Voruganti

Event Coordinator
Associate Professor
Aero Engineering

Prof. Yogesh Bhawarker

HOD
Aero Engg

Prof.(Dr) Prakash G Burade

Assoc. Dean Engg SOET