

Rajalakshmi Engineering College

Department of Aeronautical Engineering

2nd National Conference on Progresses and Challenges in Aerospace Engineering – 4th & 5th APRIL 2025

Offline Mode

Day 2 (05-04-2025) – Session 1(11.00 am – 12.30pm)

UAV Panel

S.No	Time	Paper ID	Title	Authors	Venue
01.	11.00 am to 11.30 am	1571126319	Design and Development of Kamikaze Drone Using a Low Cost Airframe	Aakash. A Ajaysamson Sai Rohan G	Seminar Hall
02.	11.30 am to 12.00 pm	1571126733	Enhancing Drone (Non Flying) Operation Efficiency Through QR Code Integrated with Wireless Charging	Meunim Pragathi K Selvakumar S	
03.	12.00 pm to 12.30 pm	1571126756	Fault Detection and Cleaning of Rooftop Based Photovoltaic Power Plant Using Drones	Abdullah Yaseer S.S Shajakhan R Dr. Karthikeyan.S Dr.Magesh Mani A Shabbeer Sharieff	

UAV Panel

S.No	Time	Paper ID	Title	Authors	Venue
01.	11.00 am to 11.30 am	1571125754	CFD Analysis of Bat-Shaped Wings for Unmanned Combat Aerial Vehicle (UCAV) at Supersonic Speed	Subramanian S	Aero Block Room No
02.	11.30 am to 12.00 pm	1571126507	Optimizing Cost Effective Hybrid Material for Uav Applications	R. Zaheer Ahamed A karthik	
03.	12.00 pm to 12.30 pm	1571125864	Design and Analysis of Fixtures for Dynamic Testing of the Motor	Sri Varun Nelluri Shaik Sharukh Chikkam Samuel	

Propulsion Panel

S.No	Time	Paper ID	Title	Authors	Venue
01.	11.00 am to 11.30 am	1571125627	Assessment of Ethanol's Suitability as an Additive in Aviation Gasoline	Surya Kumar M	Aero Block Room No
02.	11.30 am to 12.00 pm	1571125449	Design and Integration of Ducted Propeller for Drone Applications	Dhakshanya.S NISHA.D Nafil Ahamed S.A.	
03.	12.00 pm to 12.30 pm	1571124091	Influence of 'A' Notch on Jet Decay Characteristics	Mubariz Ahmed	