

## Rajalakshmi Engineering College

### Department of Aeronautical Engineering

## 2<sup>nd</sup> National Conference on Progresses and Challenges in Aerospace Engineering – 4<sup>th</sup> & 5<sup>th</sup> APRIL 2025

### Offline Mode

### Day 1(04-04-2025) – Session 2 (1.00 pm – 3.00pm)

### Propulsion Panel

S.No	Time	Paper ID	Title	Authors	Venue
01.	1.00 pm to 1.30 pm	1571125548	Numerical Study on Performance Characteristics of Double Divergent Nozzle	Logesh M Sai Narayanan J	Seminar Hall
02.	1.30 pm to 2.00 pm	1571125378	An Investigation on the Influence of Half-Cone Shaped Protrusions in Supersonic Flow	Katherrine C.J Sasianandham k	
03.	2.00 pm to 2.30 pm	1571128488	Comparison of Flow and Acoustic Characteristics of Convergent Serpentine Nozzle with Different Exit Geometries	Bharath S	
04.	2.30 pm to 3.00 pm	1571124331	Experimental and Numerical Investigation of Passive Thrust Vectoring in a C-D Nozzle with Varying Divergent Angles and Strut Heights	Srikanth E	

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S.No	Time	Paper ID	Title	Authors	Venue
01.	1.00 pm to 1.30 pm	1571123809	Flow Characteristics of Supersonic Combustor with Compression Cavity	Ramachandran J	Aero Block Room No
02.	1.30 pm to 2.00 pm	1571128433	Aero Acoustic Characterization of Rocket Jet Deflector	Ankita Punia	
03.	2.00 pm to 2.30 pm	1571124030	Automatic Self-Starting Micro Turbojet Engine of 100 Newton Thrust for Fixed Wing Unmanned Aerial Vehicles (UAVs)	Yajnesh S Arunadevi V	
04.	2.30 pm to 3.00 pm	1571124119	Computational Analysis of Aerospike Nozzle with Truncations	Thirupthika G G	

