



ACS College of Engineering

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Sl. No.	Name of the Teacher	Title of the Proceedings of the Conference	Name of the Conference	National / International	Year of Publication
2025 - 2026					
1	Mrs. Manju	Ultrasonic navigation for arm band for visually impaired	Advances in VLSI, Navigation and Communication systems	International	2025
2	S. M. Vijaya	Nulling Algorithm-Based Anti-Jamming for Power Minimization Interference in Uplink MIMO-NOMA Aerospace Communication System	International Conference on Advances in Aerospace and Navigation Systems	International	2025
3	Ramanan Gopalakrishnan, Punith Kumar V M, Ranjan C, Rishikesh S, Sumanth N S, Soma Perumal	FABRICATION AND TESTING OF SOUNDING ROCKET ENGINE	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2025
4	Albert Alen D Mello, Lakshitha B, Ankush Kulkarni, Ashok Kumar, Lavanya N	VIBRATION ANALYSIS OF AIRCRAFT SKIN AND SANDWICH STRUCTURES USING VARIOUS DAMPING MATERIALS	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2025
5	Chandana M, Navyashree K	DEVELOPMENT, CHARACTERIZATION AND UTILIZATION OF GREEN COMPOSITE FROM AGRO WASTE (PISTA SHELLS AND BAMBOO STICKS) FOR AERONAUTICAL APPLICATIONS	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2025

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6	Ganesh R, Ramanan G	INFLUENCE OF RESIN INFUSION PRESSURE ON THE STRUCTURAL PERFORMANCE OF COMPOSITE UAV WING SKINS	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2025
7	Varsha Basavaraj, Darshan G B, Karena Ronak, Anand A	BIO-INSPIRED AERODYNAMICS: MIMICKING BUTTERFLY SCALES TO REDUCE AIRCRAFT DRAG	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2025
8	Ashish M, Shivshankar Desai, Uday Shankar	INFLUENCE OF ELEVATOR DEFLECTION ANGLE ON THE FLIGHT CHARACTERISTICS OF A FOAM GLIDER	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2025
9	Albert Allen D Mello, Harshitha P M, Karishma S, Lekhana R, Vanishree P	THERMAL CONDUCTIVITY TEST SETUP FACILITY FOR COMPOSITE MATERIALS	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2025
10	Ganesh R, Pratham Kumar R, Kushal H, Asiya Mansoor Dau, Mithun R	DESIGN AND DEVELOPMENT OF A PRECISION BOMB-DROPPING UAV FOR TACTICAL MISSIONS	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2025
11	Amar Gandge Subash, Ramanan G, Basawaraj	MECHANICAL PERFORMANCE AND AEROSPACE APPLICABILITY OF HYBRID BIO-COMPOSITES REINFORCED WITH PINEAPPLE LEAF AND CARBON FIBERS	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2025
12	R V Dinesh Kumar, Rajeshwari R, Chandana S, Kavya V K	DESIGN AND FABRICATION OF BAT WING STYLED HANG GLIDER	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2025

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13	Anand A, Shivacharan Holla N, Guru Prasad M, Chandan B L, Ashwini N Gudadhe	INCORPORATION OF SHARK SKIN RIBBLETS TO ENHANCE AERODYNAMIC PERFORMANCE FOR AIRCRAFT APPLICATIONS	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2025
14	Shahid Ahmed Z, Mounesh, Rithesh R Amin, Habeebulla S, Ganesh R, Ramanan G	AERODYNAMIC PERFORMANCE ANALYSIS OF CO-FLOW JET TECHNIQUE USING SUPER CRITICAL AIRFOIL	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2025
15	Dhanyaprakash R, Vamshi Krishna, R Samuel David, Jeshwan M, Tejas Reddy	SUBSONIC WIND TUNNEL TESTING SECTION FOR DIFFERENT CAR BODY SHAPES ON AERODYNAMIC DRAG	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2025
16	Ganesh R, Shruti, Neha, Sahana	DESIGN AND FABRICATION OF FOLDABLE WINGS	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2025
17	Dharmadurai P, Snehashree K, Madhushree B, Vikas S K, Harshitha H S	EAGLE INSPIRED CAMBERED WING FOR LIFT ENHANCEMENT AND DRAG REDUCTION	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2025
18	Dhanya Prakash Babu, Sayeed Rahman, Syed Riyan, Aasim Khan	FIXED WING WITH BALSAM WOOD	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2025
19	Anand A, Vedanth, Mithun, Naveen, Likhith	SUBSONIC WIND TUNNEL	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2025

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20	Ganesh R, Ajin Aslam Qureshi, Mohammed Zeeshan, Syed Abdulla Jawadh	PNEUMATIC FIXED WING UAV LAUNCHER	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2025
21	Girish B, Puneeth Kumar G, V Saai Sudhan	BALSA WOOD GLIDER	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2025
22	P.Dharmadurai , A. Manikandan, Albert Allen D Mello	ADDITIVE MANUFACTURING-BASED RECONFIGURABLE DRONE WITH INTERCHANGEABLE ARM MODULES	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2025
23	Dhanyaprakash R Babu, Devika R, G Poojavarsha, Namratha S, Sushma B	DESIGN AND DEVELOPMENT OF MORPHING WING FOR IMPROVED AERODYNAMIC PERFORMANCE	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2025
24	Pavithra D, Chandana B, Priya Subhash Marathe, Usha Singh A, Albert Allen D Mello	DEVELOPMENT AND ANALYSIS OF NACA 2412 AIRFOIL USING GLASS FIBER COMPOSITE MATERIAL	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2025
25	Dr. Anand A, Krish Dev, Vighnesh Sawant, Anabiya Irhaz, Ambika Sherikar	ORNITHOPTER - BIO INSPIRED FLYING MACHINE	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2025