



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
2022 - 2023					
1	Dr.G.Ramanan	Intelligent Manufacturing and Energy Sustainability	International Conference on Intelligent Manufacturing and Energy Sustainability	International	2023
2	Dr.G.Ramanan	Parametric study of FSW process on AA6061-Activated carbon composite using particle swarm optimization	International Conference on Material Science and Computational Engineering	International	2023
3	Dr. R. Mukesh & M. Vijay	Modelling Low Latitude Ionosphere Predictions using GPS data with ARMA	ICRTSEM 2023, PMC Tech, Hosur, India	International	2023
4	Dr. R. Mukesh & Dr. P. Theerthamalai	Design and Analysis of UAV Profile for Agriculture and Surveying Application	ICETMSST 2023, Sri Eshwar College of Engineering, Coimbatore	International	2023
5	Dr. R. Mukesh & Dr. P. Theerthamalai	Design of Supersonic Air Intake for Stable Optimum Performance of Ramjet Projectile	ICETMSST 2023, Sri Eshwar College of Engineering, Coimbatore	International	2023
6	Dr. R. Mukesh & M. Vijay	Prediction of Ionospheric TEC based on GPS data during Indonesian Earthquake using ARMA Model	IRCEMST 23, JJCET, Trichy, India	International	2023
7	Dr. R. Mukesh & M. Vijay	Deep Learning Based approach to Predict Ionospheric TEC for Low and Mid Latitudes during X 1.59 Solar Flare	ICAIAS 23, IGCE, Trichy, India	International	2023

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8	T Senthil Kumaran	A Survey on IoT Health Care Networks	2023 International Conference on the Confluence of Advancements in Robotics, Vision and Interdisciplinary Technology Management (IC-RVITM)	International	2023
9	Dr. Pradeep Kumar K T	2nd International Conference on Recent Trends in Applied and Computational Mathematics	2nd International Conference on Recent Trends in Applied and Computational Mathematics	International	2023
10	Bharathi Gururaj	Comparison of Tumor Segmentation Techniques from Medical Images	2023 7th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud)(I-SMAC)	International	2023
11	Prajith Prakash Nair	Comparison of Tumor Segmentation Techniques from Medical Images	2023 7th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud)(I-SMAC)	International	2023
12	Nagesh H B	Intelligent Glucosense:Innovations in Smart devices for personalized health monitoring	7th international conference on I-SMAC(IoT in Social, Mobile, Analytics and Cloud)(I-SMAC)	International	2023
13	Rahul N, Naveen HJ, Mohankumar M Naveen Kumar KV, A K Sarkar Ramanan G	PERFORMANCE AND STABILITY ENHANCEMENT OF WING ALONE UAV	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2023
14	Anju Jagadish, Brunda G S, Dhanyashree, Lavanya AR, Soma P	A DEEP LEARNING-BASED APPROACH TO PREDICT IONOSPHERIC DELAYS FOR GPS/IRNSS SIGNALS FOR DIFFERENT LATITUDES AND DURING DIVERSE SOLAR ACTIVITY CONDITIONS	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2023

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15	Lakshmi. S, Shreem. G, Maruti Rathod, Kiran. G Yadav, Radhakrishnan.P	FABRICATION AND CHARACTERIZATION OF PINEAPPLE LEAF AND KENAF FIBER-REINFORCED COMPOSITE FOR AIRCRAFT RADOME APPLICATION	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2023
16	Harshith K, Harshavardhan V, Kazim Ali, Dinesh D S, Inamul Hasan	MODELLING & ANALYSIS OF BLENDED WING BODY AIRCRAFT USING SUPERCRITICAL AIRFOIL	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2023
17	Ranjitha MP, Sushma N Raju, Navitha N, Sangeetha S, Anand A	DESIGN, ANALYSIS AND FABRICATION OF VTOL-UAV	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2023
18	Perna Singh M, Paavana M, Sneha S.K, Vinodhini A, Ramanan G	FABRICATION AND CHARACTERISATION OF ARECA LEAF SHEATH REINFORCED WITH TAMARIND SEED COMPOSITE FOR INTERIOR CABIN COMPONENTS	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2023
19	Kushal Ravi, Rachita BV, Abhishek Patil, Harsha Varun J, Albert Allen D M	EVTOL AIR TAXI PROTOTYPE USING COMPOSITE MATERIALS	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2023
20	Ambika Tippanagoudar, M. Abinesh, Likitha Shree K, Pooja, Soma P	PREDICTION AND ANALYSIS OF IONOSPHERIC TEC VARIATIONS USING RNN DURING THE 2004 AND 2012 INDONESIAN EARTHQUAKES BASED ON GPS DATA	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2023

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21	Arun.A. K, Vishwanath SP, Mohammed Umair	INTEGRATION OF SUGARCANE BAGASSE AND WASTE PLASTIC MATERIALS FOR AERONAUTICAL APPLICATIONS	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2023
22	Abhishek P V, Amogh K P, Antony Raj S S, Darshan B, Inamul Hasan	AERODYNAMIC PERFORMANCE ANALYSIS OF CO-FLOW JET TECHNIQUE USING SUPERCRITICAL AIRFOIL	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2023
23	Y.Akhil, Sanjith V, Vidyashree P, A K Sarkar, Ramanan G	AERODYNAMIC PARAMETER ESTIMATION USING DELTA METHOD- A ARTIFICIAL NEURAL NETWORK BASED BLACK BOX MODEL	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2023
24	M Sharan Krishnan, Netravati, Muddamma, Basavaraj J, Ganesh R	SIMULATION OF A MISSILE GUIDANCE USING MATLABAND SIMULINK SOFTWARE	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2023
25	Vanmali Yash Sudhir, Kolasekar Swaraj Manohar, Darshan Gowda, Abhishek, Satish Hiremath	DESIGN AND FABRICATION OF LOW COST SELF-CONTROLLED FIXED WING UAV	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2023
26	Niranjan R M, Prasad, Ranganatha D, Tejas T A, Dhanyaprakash R B	DESIGN AND FABRICATION OF SAUCER DRONE	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2023
27	Syed Tayeeb Ahmed, Mohamed Sahil, Tabrez Pasha, Ramanan G	FABRICATION AND TESTING OF SOUNDING ROCKET ENGINE	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2023
28	Geetanjali M, Poornima S, Inamul Hasan, Ramanan G	REVIEW ON HELICOPTER AIRFOILS AND THEIR APPLICATIONS	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2023

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29	Syed Eshaque, Syedeen Khan, Noor Jahan	ROCKET PROPELLED UCAV LAUNCHING AND MAGNETIC RECOVERY SYSTEM	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2023
30	Gagan N, Kumar M, A N Pavan Reddy, Rakesh K, Radha Krishnan P	AIRCRAFT BASED BLACK-BOX SYSTEM USING IoT	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2023
31	Shalini LR, Tarun Ayyappa S, Bharath S, Mohammad Mujtaba, Albert Allen D Mello	DESIGN AND ANALYSIS OF HYBRID SOLAR DRONE	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2023
32	S N Chandan gowda, Tejesh S, Pooja G Y, Shashikala S, Inamul Hasan	NUMERICAL AND EXPERIMENTAL ANALYSIS OF WIND TURBINE BLADES USING SUPERCRITICAL AIRFOIL	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2023
33	Satish Hiremath	IMPACT OF CHANGE IN LENGTH OF CHEVRONS ON ACOUSTIC LEVELS FOR ENGINE COWLING	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2023
34	Hrushikesh R, SidharthKerti Jha, Chitranjan N Ozha, Gagana T N, Dhanyaprakash R Babu	IMPACT OF CHANGE IN LENGTH OF CHEVRONS ON ACOUSTIC LEVELS FOR ENGINE COWLING	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2023
35	Syed Moin C M, Yaseen Attar, Vikram M, Rahul Salunke, Ramanan G	SYNTHESIS AND CHARACTERIZATION OF AL7075 WITH REINFORCEMENTS MGO AND SIC MICRO COMPOSITES FOR FUSELAGE APPLICATION	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2023

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36	uman S M, Swamy J, Basvaraj Hulyapur, Shriharsh Athani, Anand A	VTOL FIXED-WING AIRCRAFT 3D DESIGN AND PRINTING	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2023
37	Kishor G J, K S Girish, Prashub Patil, Roshan Zameer, Satish Hiremath	DESIGN AND ANALYSIS OF BLADELESS JET ENGINE	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2023
38	Chandan Ganesh R, Sumukh Kumar, Nanda Kumar	EXPLORING THE EFFECTIVENESS AND DRAWBACKS OF ELECTRIC FEED SYSTEMS FOR CRYOGENIC ENGINES	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2023
39	Dr. R. Mukesh & M. Vijay	Prediction and Analysis of Ionospheric TEC during Solar Eclipses using AI and Surrogate Models	National Conference on AI & ML in Aerospace & Biomedical Engineering Applications, ACSCE Bangalore	National	2023