



ACS College of Engineering

(Approved by AICTE, New Delhi, Govt. of Karnataka, Affiliated to Visvesvaraya Technological University, Belagavi)

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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 |
|--------------------|--|--|---|--------------------------|---------------------|
| 2024 - 2025 | | | | | |
| 1 | Dr.G.Ramanan | Intelligent Manufacturing and Energy Sustainability | International Conference on Intelligent Manufacturing and Energy Sustainability | International | 2025 |
| 2 | Dr.G.Ramanan | Investigation on Mechanical and Microstructural Analysis of Friction Stir Welded Aluminium Reinforced with Zinc Powder | GLOBAL CONFERENCE ON AERONAUTICAL, AEROSPACE AND MECHANICAL SCIENCES | International | 2025 |
| 3 | B. Sumanth, U. T. Moksha Matta, H. Srusti, and P. Gowripriya | Aero Thermal Analysis of Plume Impingement on Lander Module | International Conference on Advances in Aerospace and Navigation Systems | International | 2025 |
| 4 | Dr.G.Ramanan, Ganesh R, | Investigation on Variation of Potential Core in Supersonic Jets | International Conference on Advances in Aerospace and Navigation Systems | International | 2025 |
| 5 | Dr.P.Theerthamalai | Aerodynamic Analysis of Grid Fins Using HiFUN CFD Software | International Conference on Advances in Aerospace and Navigation Systems | International | 2025 |
| 6 | Dr.G.Ramanan, Ganesh R and Albert Allen D Mello | Advances in Science, Technology & Innovation | International Conference on Advances in Aerospace and Navigation Systems | International | 2025 |

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|---------|--------------------------------------|--|---|--------------------------|---------------------|
| 7 | Dr. C. Suresh and Mohana Pratheep A. | Proceedings of the 1st International Conference on Advances in Aerospace and Navigation Systems (ICAAN 2024) | ICAAN 2024 – International Conference on Advances in Aerospace and Navigation Systems | International | 2025 |
| 8 | M. Vijay | Proceedings of the 1st International Conference on Advances in Aerospace and Navigation Systems - 2024 | ICAAN 2024 – International Conference on Advances in Aerospace and Navigation Systems | International | 2025 |
| 9 | Dr. P. Bhuvanewari | Hybrid Convolutional Backbone and Swin Transformer Architecture for Cardiomegaly Detection | International Conference on Communication, Computer, and Information Technology (IC3IT) | International | 2025 |
| 10 | Dr. P. Bhuvanewari | An IOT Based Nasogastric feed monitoring of Preterm LBW Neonates | VLSI, Communication and Signal Processing | International | 2025 |
| 11 | Vanishree Prasad S | A non-invasive NIR blood glucose sensor | VLSI, Communication and Signal Processing | International | 2025 |
| 12 | Dr. P. Bhuvanewari | IoT Based smart paralysis healthcare system | International Conferences on Advances in VLSI, Communication and Navigation systems | International | 2025 |
| 13 | Mrs. Nagashree Pavan | Low cost sensor based human activity recognition using ECG, Motion and Temperature data | Advances in VLSI, Navigation and Communication systems | International | 2025 |
| 14 | Dr. P. Bhuvanewari | Pregnancy monitoring system using GSM | International conference trends on computational engineering and technologies | International | 2025 |

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| 15 | Susmitha B C | Robust Speech Enhancement Using Convolution-Recurrent Frameworks and Wavelet Pooling | 2025 5th International Conference on Mobile Networks and Wireless Communications (ICMNWC) | International | 2025 |
| 16 | Susmitha B C | Exploring Deep Learning Approaches for Big Data Challenges in Infant Brain MRI | Proceedings of 3rd IEEE International Conference on Knowledge Engineering and Communication Systems Ickecs 2025 | International | 2025 |
| 17 | Aishwaryaa L K | Novel wideband FSS based metamaterial structure for MIMO antenna and RAS applications. (ICAMSF-2025)” | International Conference on Advanced Materials for Sustainable Future | International | 2025 |
| 18 | Aishwaryaa L K | NOISE MITIGATION ANALYSIS OF NOVEL EBG STRUCTURES IN HIGH FREQUENCY PLANAR CIRCUITS | International Conference on Emerging Trends in Technology, Engineering, and Management (ICETTEM 2025). | International | 2025 |
| 19 | Karuppasamy M | Exploring Advancements in Diabetes Prediction with Machine Learning—An Approach Toward Explainable AI (XAI) | 9th International Conference on Smart Trends in Computing and Communications, SmartCom 2025 | International | 2025 |
| 20 | Karuppasamy M | Transfer Learning-Based Hybrid Deep Learning Model for COVID Detection | 8th International Conference on Innovative Computing and Communication, ICICC 2025 | International | 2025 |
| 21 | Sangeetha K.P. | AI-Augmented Fetal Health Monitoring: A Cloud-based Secure Deep Learning Approach | Proceedings of 5th International Conference on Soft Computing for Security Applications, ICSCSA 2025 | International | 2025 |
| 22 | Sangeetha K P | Deep Reinforcement Learning for Autonomous Cybersecurity in IoT-Enabled Smart Cities | Electronics and Sustainable Communication Systems (ICESC), 2020 International Conference on | International | 2025 |

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| 23 | Sangeetha K P | AI-Augmented Fetal Health Monitoring: A Cloud-Based Secure Deep Learning Approach | Soft Computing for Security Applications (ICSCSA), International Conference on | International | 2025 |
| 24 | Mrs. Majida Chettiyam Veettil | Exploring the Landscape of BigData Analytics in Healthcare: A comprehensive Overview in the Springer volume Advances in Communication and Applications- Proceedings of ERCICAM 2024(2025) | Advances in Communication and Applications- Proceedings of ERCICAM 2024(2025) | International | 2025 |
| 25 | M. Karuppasamy | Exploring Advancements in Diabetes Prediction with Machine Learning—An Approach Toward Explainable AI (XAI). | In International Conference on Smart Trends for Information Technology and Computer Communications | International | 2025 |
| 26 | M. Karuppasamy | Transfer Learning-Based Hybrid Deep Learning Model for COVID Detection. | In International Conference On Innovative Computing And Communication | International | 2025 |
| 27 | S Kushal Gowda, N Sheetal, Sanjana M, Suprit B S, Dharmadurai P | ANALYSIS OF AIRFLOW AND LIFT CHARACTERISTICS IN CYLINDRICAL TUBES USING MAGNUS EFFECT | Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology | National | 2025 |
| 28 | Brahmendra E, Narayana Gowda S, Anand A | DEVELOPMENT AND CHARACTERIZATION OF NATURAL FIBRE REINFORCED POLYMER COMPOSITE FOR AEROSPACE APPLICATION | Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology | National | 2025 |

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| 29 | Babitha S, Krishna Mohan Rathod, Mallikarjun Prakash Kolavi, Priyanka P G, Ganesh R, Ramanan G | FABRICATION AND CHARACTERIZATION OF CARBON – GLASS FIBER COMPOSITE FOR LIGHTWEIGHT UAV FRAME APPLICATION | Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology | National | 2025 |
| 30 | G Rishi Kumar, Sagar M, Adarsh C, Chethan R | DESIGN AND ANALYSIS OF AXIAL FLOW COMPRESSOR WITH DIFFERENT BLADE PROFILES AND AN INLET FAN | Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology | National | 2025 |
| 31 | Albert Allen D Mello, Bilvashree D, Sanjana R Chouhan, Nesara S Shetty | MECHANICAL CHARACTERIZATION OF FLY ASH AND E-GLASS FIBRE REINFORCED ALUMINIUM COMPOSITE | Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology | National | 2025 |
| 32 | Siva Raj S, Ramanan G, Bino Prince Raja D | HIGH-ALTITUDE NAVIGATION ENHANCEMENT USING MULTI-GNSS SIDE-LOBE SIGNALS | Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology | National | 2025 |
| 33 | Santoshi, Kavyashree T A, Rashmi H M, Sharmila B | TO ANALYSIS THE EFFECT OF THICKNESS OF FACE SHEET CORE OF CARBON FIBER SANDWICH BEAM | Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology | National | 2025 |