



# 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
<b>2023 - 2024</b>					
1	Ashok Kumar P S	Comprehensive Insights into Machine Learning for Intrusion Detection Systems in IoT and its Datasets	2024 4th International Conference on Data Engineering and Communication Systems (ICDECS)	International	2024
2	Dr. Raghavendra	2024 2nd International Conference on Artificial Intelligence and Machine Learning Applications Theme: Healthcare and Internet of Things (AIMLA)	2024 2nd International Conference on Artificial Intelligence and Machine Learning Applications Theme: Healthcare and Internet of Things (AIMLA)	International	2024
3	Mr. K. Ramkumar	Diabistep Care- A Smart Insole	The International Conference on Recent Trends in Computational Engineering and Technologies (ICRTCET - 2024)	International	2024
4	Mrs. Nagashree Pavan	Portable Advanced Sterilization System	Recent Trends in Computational Engineering and Technologies (ICRTCET - 2024)	International	2024
5	Mrs. Manju	Portable Advanced Sterilization System	Recent Trends in Computational Engineering and Technologies (ICRTCET - 2024)	International	2024
6	Dr. P. Bhuvaneshwari	Pregnancy monitoring system using GSM	International conference trends on computational engineering and technologies	International	2024

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7	Dr. P. Bhuvaneswari	Virtual reality Headset as a medical Device in Healthcare and Medical instrumentation	International conference trends on computational engineering and technologies	International	2024
8	Dr. P. Bhuvaneswari	Medcybot Assistive Healthcare	International conference trends on computational engineering and technologies	International	2024
9	Mrs. Kavya	MEDCYBOT: Assistive Healthcare Robot	International conference on computational Engineering and technologies	International	2024
10	Aishwaryaa L K	DESIGN AND ANALYSIS OF METAMATERIAL CHARACTERISTICS USING SQUARE EBG	INTERNATIONAL CONFERENCE ON RECENT INNOVATION AND DEVELOPMENTS IN ENGINEERING& TECHNOLOGY-2024(ICRIDET-2024)	International	2024
11	Navya K.S	Waste Material-Based Fillers for Patching Potholes Using Warm Mix Asphalt: A Study	International Conference on Interdisciplinary Approaches in Civil Engineering for Sustainable Development, IACESD 2023	International	2024
12	Dr. Anitha S	Machine Learning-Based Cardiovascular Heart Disease Detection: A Review with Future Scope	In International Conference summit on Artificial Intelligence	International	2024
13	Dr. Anitha S	Intelligent Kidney Abnormality Detection in CT Images Using GLCM and Neural Networks	International Conference on Mobile Networks and Wireless Communications (ICMNWC)	International	2024

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14	Dr. Anitha S	Validating Color Models for Preprocessing Retinal Color Fundus Images in Automatic Detection of Cotton Wool Spot and Conjunctiva Abnormalities	International Conference on Computing and Communication Networks	International	2024
15	M. Karuppasamy	Recent Advances in Diabetic Monitoring Devices: Present to Future Directions.	In International Conference on Soft Computing and Signal Processing	International	2024
16	Dr. Raveendra N	Effect of Partial Slip on Mass Transfer Flow of Non-Newtonian Fluid Due to Unsteady Stretching Sheet	Recent Advances in Civil Engineering for Sustainable Communities, Lecture Notes in Civil Engineering	National	2024
17	Geethanjali M, Pooja T E, Poornima M, Sindhu S, Inamul Hasan	FLOW CHARACTERISTICS ANALYSIS OF BIOMIMETIC WINGS AT VARIOUS SPEED	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2024
18	S Akhilesh, Sayeed Masood Ahmed, Saniya Khanum I, Pramukha K V, Dhanya Prakash R B	OPTIMIZATION OF PITCHING MOMENT OF SEMI-TAILLESS SMALL UAV'S USING REFLEXED AIRFOIL	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2024
19	Suyog R, Varsha G, Rakshith D N, Nikitha M, Inamul Hasan	AERODYNAMIC PERFORMANCE ANALYSIS OF SURFACE MODIFIED SUPERCRITICAL AIRFOIL AT VARIOUS SPEEDS	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2024
20	Gagana K C, Meghana M, Ganesh R	AIRCRAFT ENGINE PERFORMANCE AND EMISSION ANALYSIS USING ALGAE BIOFUEL	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2024

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21	Nandan Kumar S, Chandan S, Manjunatha H B, B.Adithya Rao, Radha Krishnan	AERODYNAMIC ANALYSIS OF SWEEPBACK WING WITH WINGLETS USING CFD	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2024
22	Channabasava, Nikhal Singh, P Aditya Naga, S Sohail Ahamed, Ganesh R	FABRICATION AND TESTING OF CARBON FIBER AND NATURAL FIBRE REINFORCED COMPOSITE FOR AEROSPACE APPLICATION	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2024
23	Bindiya P, Jayashree K R, Nandan kumar, Yashwanth J, Radha Krishnan P	FABRICATION AND CHARACTERIZATION OF ARECANUT FIBRE AND KEVLAR FIBRE COMPOSITE MATERIAL FOR AIRCRAFT APPLICATION	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2024
24	Fahaz Firoz, Rupika Raj, Diju Samuel G	DESIGN AND ANALYSIS OF LANDING GEAR USING COMPOSITE MATERIAL	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2024
25	Supritha Kashyap M S, Supritha G S, Albert Allen D Mello	EXTRACTION, FABRICATION AND MECHANICAL CHARACTERISATION OF COLUMN CACTUS REINFORCED COMPOSITE MATERIAL	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2024
26	Anjali R, Chandhan kumar N L, Ramanan G, Radhakrishnan P, Shivaram Gopal Rao	INVESTIGATION OF NEW BIO WATER BASED SYNTHETIC METAL WORKING FLUID FOR MACHINING OF AEROSPACE MATERIALS	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2024

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27	Sumanth B, Moksha Matta U T, Srusti H, Gowri Priya, Inamul Hasan	AERO THERMAL ANALYSIS OF PLUME IMPINGEMENT ON LANDER MODULE	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2024
28	Sheethal.S, Sumathi.M.S, Santhosh, Tinkar Afsar Banu,Anand A, Dhanya Prakash R Babu	FABRICATION AND ANALYSIS OF NATURAL FIBRE REINFORCED SANDWICH COMPOSITE MATERIAL FOR AIRCRAFT APPLICATION	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2024
29	Sowmya G, Yashwantha H.B, Ramanan G	OPTIMIZATION OF TENSILE STRENGTH AND HARDNESS OF NATURAL FIBRES USING BOX-BEHNKEN DESIGN	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2024
30	Sowmya G	DESIGN AND DEVELOPMENT OF UAV FRAME BY USING HEMP FIBER REINFORCED COMPOSITE MATERIALS	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2024
31	Ajay, Bhoomika and Ramanan G	DEVELOPMENT AND CHARACTERIZATION OF NATURAL FIBRE REINFORCED POLYMER COMPOSITE	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2024
32	Adarsha A,Charan Raj S, Darshitha Singh P,Nishanth H, Radha Krishnan P	EXPERIMENTAL ANALYSIS OF GRAPHENE COMPOSITE MATERIALS	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2024
33	Syedeem Khan, Syed Eshaque, Santosh Prabhu S, Anand A	DESIGN AND OPTIMIZATION OF A FUTURE READY LONG-RANGE TRANSONIC AIRLINER	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2024

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<b>34</b>	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	2024
<b>35</b>	Radha Krishnan P, Mukesh R, Inamul Hasan, Srinath R	STRUCTURAL ANALYSIS OF AN AIRCRAFT WING WITH SLOTTED FLAP FOR VARIOUS MATERIALS	Proceedings of National Conference on Recent Innovations and Challenges in Aviation Technology	National	2024