

**Department of Automobile Engineering**

**Conference Publication Details**

<b>Academic year</b>	<b>No. of Publications</b>
2023-2024	7
2022-2023	3
2021-2022	3
2020-2021	3

**Academic Year: 2023-2024**

S. No.	Authors	Title of the Paper	Name of the Conference	Organizer & Venue	Month & Year of Publication
1.	M. Selvakumar K Hariharan T. Ramkumar P.Chandramohan	Cell Viability and Bioactive Coating on Additive Manufactured Polycaprolactone Substrate for Osteointegration Applications	National Conference on Advanced Biocompatible Materials and Devices / Systems for Biomedical Applications (ABMDB - 2023)	Sri Ramakrishna Engineering College, Coimbatore	August 2023
2.	M. Selvakumar M.Mahendran T. Ramkumar P.Chandramohan	Tribological Investigations of ZnO-TiB <sub>2</sub> in Titanium Hybrid Composites for Biomedical Applications	National Conference on Advanced Biocompatible Materials and Devices / Systems for Biomedical Applications (ABMDB - 2023)	Sri Ramakrishna Engineering College, Coimbatore	August 2023
3.	S Deepan Kumar R Vishnu Ramesh Kumar	Design and thermal analysis of Battery thermal management system for EV	International Conference on Advances in Design, Materials, Manufacturing and Surface Engineering for Mobility (ADMMS'23)	SRM Institute of Science and Technology, Chennai	Oct 2023
4.	Dr. K. Sakthi Vadivel	Mechanical Analysis of AL6061 composite with Fly Ash and graphite reinforcement	Advances in Design, Materials, Manufacturing and Surface Engineering for Mobility (ADMMS'23)	SRM Institute of Science and Technology, Chennai	Oct 2023
5.	V D Tamarasan M Ponmurugan Dr. K. Sakthi Vadivel	A case study on existing four cylinder 4 stroke Desiel Engine Design Parameters	International Conference on Application of Recent Technologies in Science, Engineering, Mangmt. for Societal and Industrial Development (ICASEM 2024)	Mody University, Lakshmarhar, Rajasthan, India	Jan 2024

6.	M.Jayaraj S.K.Ashok D.Shanmugam M.Mahendran	Experimental Investigation of Mechanical Properties and stress analysis of natural fiber reinforced polymer composite spur gear ABAQUS	International Conference on Advanced Materials Manufacturing and Structures - ICAMMS-24	Rajalakshmi Institute of Technology, Chennai	Feb 2024
7.	R B Rajeshkumar S Gokul K Shafeek Ahmed V Vasanth Mani	Arduino Based Anti – lock Braking System Assisted Hybrid Vehicle	International Conference on “Research Trends in AI and IoT for Infrastructure and Industry”	Centre for Research, Anna University, Chennai	March 2024

## Paper Published in Conference

Academic Year 2022 - 2023

S. No.	Name & affiliation of the author/s in order as per published article	Title of the Paper	Name of the Conference	Organizer & Venue	Type of the Conference (National/ International)	Month & Year of Publication (MM/YYYY)
1	Calvin S. King	Outcome Based Education for Effective Implementation of NEP 2020	Two day National Conference on NEP readiness	Centre for Educational and Social Studies Bengaluru	National	Sep-22
2	Calvin S. King	Future Readiness through through capstone project	2nd International conference on best innovative teaching strategies	BITS, Pilani	International	Feb-23
3	Calvin S. King	Developing industry ready engineering graduates in collaboration with industry and other stakeholders	2nd International conference on best innovative teaching strategies	BITS, Pilani	International	Feb-23

### Papers Published in Conferences

S. No	Name of the Authors	Title of the Paper Presented	Conference / Seminar	Venue	Date
<b>Academic year 2021-22</b>					
1	Mr. N. Praveen Kumar/ Assistant Professor	Design and Analysis of Muffler for Engine Exhaust Noise and Heat Reduction	International Conference on Advances in Design, Materials, Manufacturing and Surface Engineering for Mobility	SAE -Bannari Amman Institute of Technology	15-09-2021
2	Mr. N. Praveen Kumar/ Assistant Professor	An investigation on Corrosion and Wear Behaviour of Automotive Materials	International Conference on Advances in Design, Materials, Manufacturing and Surface Engineering for Mobility	SAE -Bannari Amman Institute of Technology	01-10-2021
3	Dr. Calvin Sophistus King/ Senior Professor	Flow Learning Experience in Online Learning by Integrated Course Design	International Conference on Best Innovative Teaching Strategies (ICON-BITS 2021)	BITS Pilani- Virtual	07-02-2022
<b>Academic year 2020-21</b>					
1	Dr. Karthick Jayaram/ Associate Professor	Optimizing the Process Parameters in Plasma Arc Cutting using Taguchi Approach for the Case Industry in Fiji	International Conference on Advances in Materials and Manufacturing Applications	Amrita School of Engineering, Bengaluru	01-01-2020
2	Mr. Manoj Kumar/ Assistant Professor	I.C. Engine emission reduction using catalytic converter by replacing the noble catalyst and using copper oxide as the catalyst	International Conference on Advances in Materials Research - 2019	Bannari Amman Institute of Technology	24-02-2020
3	Mr. Yazharasu A/Assistant Professor	Exergy Analysis of Ideal Otto Cycle with Oxy-Fuel and Exhaust Gas Recirculation	Third International Conference on Renewable Energy and Sustainable Environment 2019	Dr. Mahalingam College of Engineering and Technology, Pollachi	01-05-2020