

SCMS SCHOOL OF ENGINEERING & TECHNOLOGY

VIDYA NAGAR, KARUKUTTY, ERNAKULAM - 683 576

DEPARTMENT OF AUTOMOBILE ENGINEERING

SL. No:	Name of Faculty / Students	Type of Publication	Details of Journal / Conference / Book Publications	Indexing	Academic Year
1	Dr. S R Akhil Krishnan	Journal	Thermal characterisation of bendable water filled two-phase thermosyphons under variable fill ratios and bending angles , Applied Thermal Engineering, Volume 299, 2026, 131228, ISSN 1359-4311, https://doi.org/10.1016/j.applthermaleng.2026.131228	SCIE	2025-2026
2	Dr. S R Akhil Krishnan	Journal	Building thermal comfort and energy savings: A review of performance challenges, opportunities, and recommendations in phase change material integration within building elements , Applied Thermal Engineering, Volume 300, Part 1, 2026, 131105, ISSN 1359-4311, https://doi.org/10.1016/j.applthermaleng.2026.131105	SCIE	2025-2026
3	Dr. S R Akhil Krishnan	Journal	Accelerated Synthesis of transition metal - enhanced perovskite SSPCM's for thermal energy storage , Journal of Energy Storage, Volume 118, 2025, 116157, ISSN 2352-152X, https://doi.org/10.1016/j.est.2025.116157	SCIE	2024 -2025
4	Dr. Jenson Joseph E	Journal	Optimization of Multi response process parameters in friction stir processing of AA6063 /n-Graphene composites by Taguchi's Grey relational Analysis , Metallophysics and Advanced Technologies, Metallofiz. Noveishie Tekhnol. 2024, vol. 46, No. 5, pp. 453–465 https://doi.org/10.15407/mfint.46.05.0453	Scopus	2024 -2025

5	Dr. Manoj Kumar B	Conference	Modeling an Electric Vehicle smart grid : Sustainability, Integration and Optimization , 2024 Second International Conference on Smart Technologies for Power and Renewable Energy (SPECon), Ernakulam, India, 2024, pp. 1-8, doi: https://10.1109/SPECon61254.2024.10537416	Scopus	2023-2024
6	Dr. Albin Joseph	Journal	Test Methodology to determine aerosol transfer in membrane energy exchangers , Conference Proceeding by ASHRAE, 2024, https://doi.org/10.63044/w24bin50	Scopus	2023-2024
7	Dr. Jayadevan P C, Melvin C Joshy, Jyothiss C, Jonathan C Jacob	Conference	Low reynolds number flow through microchannels , 9th Thermal and Fluids Engineering Conference (TFEC), pages 1557-1564 DOI: https://10.1615/TFEC2024.nmf.050498	Scopus	2023-2024
8	Mr. Anoop M S	Book	Fabrication techniques for printed and wearable electronics , Advances in Flexible and Printed Electronics, Materials, fabrication, and applications, Chapter 5, IOP Publishing Ltd, https://iopscience.iop.org/book/edit/978-0-7503-5492-9/chapter/bk978-0-7503-5492-9ch5	NA	2022-2023
9	Dr. Manojkumar B	Journal	Reverse logistic network design for quality reclaimed rubber , Materials Today: Proceedings, Volume 72, Part 6, 2023, Pages 2999-3005, ISSN 2214-7853, https://doi.org/10.1016/j.matpr.2022.08.207	Scopus	2022-2023
10	Mr. Aravind P V	Journal	Fabrication analysis of Sisal / carbon fibres composite wheel rim , Journal of Pharmaceutical Negative Results, 782-785, https://doi.org/10.47750/pnr.2022.13.S03.120	Scopus	2022-2023
11	Dr. Albin Joseph	Journal	Heat transfer performance and fouling factor analysis of carbon dot nano fluid using one step method , Journal of Thermal Analysis and Calorimetry, 148, 9217–9224 (2023). https://doi.org/10.1007/s10973-023-12106-3	SCIE	2022-2023

12	Dr. Albin Joseph	Journal	Investigation of antimony tin oxide/silver fluid on direct absorption solar collector , Journal of Cleaner Production, Volume 249, 2020, 119378, ISSN 0959-6526, https://doi.org/10.1016/j.jclepro.2019.119378	SCIE	2022-2023
13	Dr. Jenson Joseph E	Journal	Employee level inventory control by integrated coding of raw materials , International Journal of Scientific and Research Publications, 3(3), 1-7.	Scopus	2022-2023
14	Dr. Manojkumar B	Conference	Overview of drive by wire technologies in automobiles , AIP Conf. Proc. 18 November 2022; 2452 (1): 030001. https://doi.org/10.1063/5.0113232	Scopus	2022-2023
15	Mr. Koshy P Joseph Mr. Manu Antony	Conference	Parked car thermal management and air quality system , SAE Technical Paper 2021-28-0150, 2021, https://doi.org/10.4271/2021-28-0150 .	Scopus	2022-2023
16	Mr. Koshy P Joseph	Conference	Optimisation of parameters in numerical simulation of Hot Forging using Taguchi Approach , Applications of Computation in Mechanical Engineering. Lecture Notes in Mechanical Engineering. Springer, Singapore. https://doi.org/10.1007/978-981-19-6032-1_17	Scopus	2022-2023
17	Mr. Aravind P V, Amal Haridas, Anand P.P, Aneesh Menon, Sachin V	Journal	Electrification of Four Wheel sector , ARAI Journal of Mobility Technology, 2(3), p272–274. https://doi.org/10.37285/ajmt.2.3.4	Scopus	2022-2023
18	Dr. Albin Joseph	Journal	Optimisation of thermo-optical properties of SiO₂/Ag–CuO nanofluid for direct absorption solar collectors , Journal of Molecular Liquids, Volume 296, 2019, 111986, ISSN 0167-7322, https://doi.org/10.1016/j.molliq.2019.111986	SCIE	2022-2023