



SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

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NBA Accredited-Mech, EEE and ECE programs)

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DEPARTMENT OF MECHANICAL ENGINEERING

FACULTY PUBLICATION DETAILS

Journal Publication (2023-2024)

S. No	Name of the Author/s	Title of the paper	Name of the Journal	ISSN number	Web Link
1	Mr. P. Shankarkannan Dr. M. Muthukannan	Evaluation of the Effect of Adding Rock Phosphate to Anaerobic Digestion of Waste Chicken Feathers for Biogas Production	Waste and Biomass Valorization	1877-265X	https://doi.org/10.1007/s12649-023-02407-x
2	Mr. P. Shankarkannan Dr. M. Muthukannan	Effect of anaerobic co-digestion of waste chicken feather with banana stem juice for production of biogas	Biomass Conversion and Biorefinery	2190-6823	https://doi.org/10.1007/s13399-024-05824-7
3	Mr. U. Karthick	Performance Analysis of Distillate Quality in Solar Still Using Culinary Discharge	Energy Sources, Part A: Recovery, Utilisation and Environmental Effects	1556-7230	https://doi.org/10.1080/15567036.2024.2324150
4	Mr. U. Karthick	Solar Sustainability: Redefining Waste Management in Renewable Energy	International Research Journal on Advanced Engineering Hub	2584-2137	https://doi.org/10.47392/IJAEH.2024.0006.i1
5	Dr. S. Ponsuriyaprakash	Synergistic tuning of photoluminescence and biocompatibility in CaS phosphor through dopant combinations of Eu ³⁺ , Dy ³⁺ , and Tm ³⁺	Journal of Nanoparticle Research	1572-896X	https://doi.org/10.1007/s11051-024-05987-4
6	M Selwin P Dheenathayalan	Influence of glass fiber hybridization on flexural and water absorption behaviour of banana fiber reinforced epoxy composites	Materials today proceedings	2214-7853	https://doi.org/10.1016/j.matpr.2023.07.355