



SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi / Affiliated to Anna University, Chennai / Accredited by NAAC)

Dindigul - Palani Highway, Dindigul - 624 002

Department of Civil Engineering

FACULTY JOURNAL PUBLICATIONS

during the Academic Year 2022 - 2023

S.No.	Name of the Faculty	Title of the Paper	Name of the Journal	Month-Year
1.	Mr.V. Praveen Jesuraj	Applying ANN - PSO Algorithm to Maximize the Compressive Strength and Split Tensile Strength of Blended Self Curing Concrete on the Impact of Supplementary Cementitious Materials	International Journal on Interactive Design and Manufacturing (IJIDeM)	June 2022
2.	Dr.G.Selvabharathi	Optimization of solar photo assisted electrochemical peroxidation process for the sustainable treatment of tannery industry wastewater in a bench scale reactor	AQUA - Water Infrastructure, Ecosystems and Society	October 2022
3.	Dr.G.Selvabharathi	A bench-scale electrochemical peroxidation reactor performance on removal of organic pollutants from tannery industrial wastewater	Desalination and water Treatment	November 2022

4.	Dr.G.Selvabharathi	Utilization of microwave energy for bio-oil extraction from Bauhinia variegata seeds: A Short-time Technology	Iranian Journal of Chemistry and Chemical Engineering	January 2023
5	Dr.G.Selvabharathi	A short time transesterification process using microwave energy for biodiesel production from Bauhinia variegata seed oil: Petro-diesel blend study	Periodica Polytechnica Chemical Engineering	April 2023
6.	Mrs.C.Merlin Rani	Evaluation on Mechanical properties and Abrasion resistance of Precast Paver blocks using Copper Slag	European Chemical Bulletin	May 2023
7.	Mr.P.M Sharan Karthik	Accelerating Crop Yield: Multisensor Data Fusion and Machine Learning for Agriculture Text Classification	Open Access, IEEE Access	July 2023