



DEPARTMENT OF AUTOMOBILE ENGINEERING

FACULTY JOURNAL PUBLICATIONS

S. N o.	Name of the Faculty	Title of the Paper	Name of the Journal	Volume / Issue / Page No.	Publisher	Month and Year
1.	Mr.S.Mathavan Dr.T.Mothilal	Experimental Investigation on Emission Characteristics of Diesel N- Pentanol Blend in Homogeneous Charged Compression Ignition Engine	International Journal of Vehicle Structures & Systems	10.4273/ijvss.13.3.13	-	Aug 2021
2.	Dr T Mothilal	Mechanically toughened EMI shielding natural rubber composite in microwave frequency bands	Plastics, Rubber and Composites	Vol.No.50,Iss.5	Taylor & Francis	Feb 2021
3.	Dr T Mothilal	Experimental investigation on physical properties of banana/E glass fiber reinforced hybrid interpenetrating polymer network composites	Materials Today: Proceedings	10.1016/j.matpr.2021.01.500	ELSEVIER	Feb 2021
4.	Dr.T.Mothilal	Performance of solar parabolic dish thermoelectric generator with PCM	Materials Today: Proceeding	doi.org/10.1016/j.matpr.2020.06.123	ELSEVIER	July 2020

5.	Dr.T.Mothilal Mr.S.Mathavan	Performance and emission characteristics of diesel blended with sweet lime peel oil and corn oil	AIP Conference Proceedings	https://doi.org/10.1063/5.0024898	-	Oct 2020
6.	Dr.T.Mothilal Mr.S.Mathavan	Analysis on mechanical properties of wood plastic composite	AIP Conference Proceedings	https://doi.org/10.1063/5.0024893	-	Oct 2020
7.	Dr.T.Mothilal	Heat transfer analysis of thermoelectric generator at the focus of solar parabolic dish	Journal of Xi'an University of Architecture & Technology	Vol.No.12 Iss.5, pp.275–281	-	May 2020
8.	Dr.T.Mothilal	Effect of Silicon Coupling Grafted Ferric Oxide and E-Glass Fibre in Thermal Stability, Wear and Tensile Fatigue Behaviour of Epoxy Hybrid Composite	Silicon	Vol.No.12, pp.2533–2544	Springer	Dec 2019