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Members from other University/Institution		
4.	Name : Dr. T. Maridurai Designation : Associate Professor Department : Mechanical Engineering Address : Saveetha University, No.162, Poonamallee High Rd, Velappanchavadi, Maduravoyal, Chennai, Tamil Nadu 600077 Mobile : 9789069511 E-mail : maridurait.sse@saveetha.com	Composites, Welding, Metallurgy

List of Publications for last 5 years	
1.	N Parthipan, M Ilangkumaran, T Maridurai, SC Prasanna. "Effect of Silane treated silicon (IV) oxide nanoparticle addition on mechanical, impact damage and drilling characteristics of Kenaf fibre-reinforced epoxy composite". <i>Silicon</i> . vol. 12. no. 2 (2020): 459-467
2.	VR Arun Prakash, J Francis Xavier, G Ramesh, T Maridurai, K Siva Kumar, R Blessing Sam Raj. " Mechanical, thermal and fatigue behaviour of surface-treated novel Caryota urens fibre–reinforced epoxy composite". <i>Biomass Conversion and Biorefinery</i> . (2020): 1-11
3.	D Jayabalakrishnan, K Saravanan, S Ravi, P Prabhu, T Maridurai, VR Arun Prakash. "Fabrication and Characterization of Acrylonitrile Butadiene Rubber and Stitched E-Glass Fibre Tailored Nano-Silica Epoxy Resin Composite". <i>Silicon</i> . (2020): 1-9
4.	M Karthigairajan, PK Nagarajan, R Raviraja Malarvannan, BR Ramesh Babu, D Jayabalakrishnan, T Maridurai, VK Shanmuganathan. "Effect of Silane-Treated Rice Husk Derived Biosilica on Visco-Elastic, Thermal Conductivity and Hydrophobicity Behavior of Epoxy Biocomposite Coating for Air-Duct Application". <i>Silicon</i> . (2020): 1-10
5.	M Arul Murugan, Veerasundaram Jayaseelan, D Jayabalakrishnan, T Maridurai, S Selva Kumar, G Ramesh, VR Arun Prakash. " Low Velocity Impact and Mechanical Behaviour of Shot Blasted SiC Wire-Mesh and Silane-Treated Aloevera/Hemp/Flax-Reinforced SiC Whisker Modified Epoxy Resin Composites". <i>Silicon</i> .(2019): 1-10
6.	R Saravanan, A Sureshbabu, T Maridurai. " Mechanical, thermal and dielectric behaviour of C-class fly-ash coarse and fine particles reinforced epoxy resin composite". <i>Materials Research Express</i> . vol. 6. no. 9 (2019): 095507
7.	V Chandran, N Lenin, T Maridurai, P Jawahar, G Vignesh, K Sunil. "Experimental Studies on Different Proportions of CB-Filled Natural Rubber Composites with Precipitated Silica and Silica Gel". <i>Innovative Design, Analysis and Development Practices in Aerospace and Automotive Engineering</i> . (2019): 489-498
8.	R Saravanan, A Sureshbabu, T Maridurai. "Microwave shielding, dielectric and magnetic behaviour of MWCNT/Fe3O4 Pro-hybrid Nano oxides reinforced natural rubber composite in e, f, i & j Band frequencies". <i>Digest Journal of Nanomaterials and Biostructures</i> . vol. 13. no. 4 (2018): 1103-1110
9.	T Maridurai, AA Muhammad Irfan, E Vengadesan, K Loganathan, MS Mohamed Aminudeen, K Harrish Ahamed. " Review on Material Aspects of Solar Thermal Collectors". <i>International Journal of Mechanical Engineering and Technology</i> . vol. 9. no. 7 (2018): 286-292

10.	T Maridurai, AA Muhammad Irfan, E Vengadesan, K Loganathan, MS Mohamed Aminudeen, K Harrish Ahamed. "Effect of Surface Modification and Particle Size on Dielectric Properties of Iron (iii) Oxide-Epoxy Composite Film". <i>Digest Journal of Nanomaterials & Biostructures</i> . vol. 13. no. 1 (2018)
11.	R Saravanan, A Sureshbabu, T Maridurai. " Characterization and synthesis of silver nanoparticles embedded in P Ani-PMo 12 Nanocomposites". <i>IOP Conference Series: Materials Science and Engineering</i> . vol. 402. no. 1 (2018): 012172
12.	C Ramesh, C Manickam, T Maridurai, VR Prakash . "Dry Sliding Wear Characteristics Of Heat Treated And Surface Modified Hematite Particles-Epdxy Particulate Composite". <i>Revista Romana De Materiale-Romanian Journal Of Materials</i> vol.47. no.3 (2017): 401-405
13.	C Ramesh, C Manickam, T Maridurai, VR Arun Prakash. "Caracterizarea Tribologica a Modificarilor De Suprafata Dupa Tratamente Termice Aplicate Compozitelor Hematit-Epoxidice". <i>Revista Romana de Materiale</i> . vol. 47. no. 3 (2017): 401- 405
14.	Thirupathy Maridurai, Dhanapal Balaji, Suresh Sagadevan. "Synthesis and characterization of yttrium stabilized zirconia nanoparticles". <i>Materials Research</i> vol. 19. no.4 (2016): 812-816
15.	R Saravanan, A Sureshbabu, T Maridurai. " Influence of Surface Modified Mwcnt On Mechanical And Thermal Properties Of Carbon Fiber/Epoxy Resin Hybrid Nanocomposite". <i>Digest Journal of Nanomaterials and Biostructures</i> . vol. 11. no. 4 (2016): 1303-1309
16.	D Balaji, T Maridurai. "Experimental investigation on engine performance and emission in diesel engine by aluminum-titanium thermal barrier coating". <i>Int J Chem Sci</i> . vol. 14. no. 1 (2016): 152-160
17.	D Balaji, T Maridurai, SN Mani Varmaa. " Combustion Analysis of Diethyl Ether Blends in Gasoline Engine Operated with Ethanol". <i>International Conference on Electrical, Mechanical and Industrial Engineering</i> . (2016)
18.	M.Syed Zameeruddin, Maridurai T, O.Obli Narasimharajan, V.R.Ram Manoj. " Investigation on hot and cold cracking of a P92 steel and microfissuring of smaw electrodes". <i>Journal of Mines, Metals and Fuels</i> . Vol. 1. no. 2 (2015): 511-516
19.	Arun kumar V, Maridurai T, S.Mujeeb Ahmed , P.Praveen Kumar, S.Jerald. " Efficiency Improvement Of Glass/Hdpe Composite Rocker Arm Under Various Stress Factor Using FEA". <i>Journal of Mines, Metals & Fuels</i> . Vol. 1. no. 2 (2015): 203-206
20.	M.Syed Zameeruddin, Maridurai T. "Analysis of Haz In Edm Cutting of Astm A335 P92 Material by Evaluating Microstructure And Micro Vicker's Hardness Number". <i>International Journal of Applied Engineering Research</i> . Vol. 10. no. 8 (2015): 6355-6389
21.	Obli Narasimharajan.O, Maridurai T. " Studies to Prevent Oxidation During Root Welding of T91 Steel Tubes". <i>International Journal of Applied Engineering Research</i> . Vol. 10. no. 8 (2015): 6372-6375