

PRATHYUSHA ENGINEERING COLLEGE

DEPARTMENT OF MECHANICAL ENGINEERING

Publications 2019-2020

S.No.	Name of the faculty	Journal/Conference	Paper title	Year	Pages	Volume	Month
1	Dr V Jayaseelan	Case Studies in Thermal Engineering	High temperature superplasticity and its deformation mechanism of AA6063/SiCp	2019-2020		14	Sep
2	Dr V Jayaseelan	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	Experimental performance investigation of Partially Stabilized Zirconia coated low heat rejection diesel engine with waste plastic oil as a fuel	2019-2020		In press	Oct
3	Dr V Jayaseelan	Silicon	Effect of Silicon Coupling Grafted Ferric Oxide and E-Glass Fibre in Thermal Stability, Wear and Tensile Fatigue Behaviour of Epoxy Hybrid Composite	2019-2020		In press	Dec
4	Dr V Jayaseelan	Results in Physics	Experimental investigation on bi-axial superplastic forming characteristics of AA6063/SiCp with various percentages of SiCp under various temperatures and pressures	2019-2020		15	Dec
5	Dr V Jayaseelan	Silicon	Low Velocity Impact and Mechanical Behaviour of Shot Blasted SiC Wire-Mesh and Silane-Treated Aloe vera/Hemp/Flax-Reinforced SiC Whisker Modified Epoxy Resin Composites	2019-2020		In press	Nov
6	Mr.K.Balachandar	Journal of Advanced Research in Dynamical and Control Systems	A Review on Recent Trends and Development in Speech Recognition System	2019-2020	521-528	12	Feb
7	Mr.K.Balachandar	Journal of Advanced Research in Dynamical and Control Systems	Design Fabrication and Contour Analysis of Die Casting of Belt Buckle	2019-2020	494-504	12	Feb

8	Dr.P.Jayaraman	Journal of Advanced Research in Dynamical and Control Systems	A Review on Recent Trends and Development in Speech Recognition System	2019-2020	521-528	12	Feb
9	Dr.P.Jayaraman	Journal of Advanced Research in Dynamical and Control Systems	Design Fabrication and Contour Analysis of Die Casting of Belt Buckle	2019-2020	494-504	12	Feb
10	Dr.P.Jayaraman	Journal of Advanced Research in Dynamical and Control Systems	Cost Analysis of GR91 Hydroand Non-Hydro Boiler Header	2019-2020	512-520	12	Feb
11	Mr.N.Ramasamy	Journal of Advanced Research in Dynamical and Control Systems	Cost Analysis of GR91 Hydroand Non-Hydro Boiler Header	2019-2020	512-520	12	Feb
12	Mr.P.Sarmajikumar	Journal of Advanced Research in Dynamical and Control Systems	Design Fabrication and Contour Analysis of Die Casting of Belt Buckle	2019-2020	494-504	12	Feb
13	Mr.D.Meganathan	Journal of Advanced Research in Dynamical and Control Systems	A Review on Recent Trends and Development in Speech Recognition System	2019-2020	521-528	12	Feb