Dr.S. Balamurugan
Professor
Department of EEE
Amrita Vishwa Vidyapeetham

S Balamurugan, C Gokul, SAT Dheen, SJ Eashwar, NA Kumar Materials Today: Proceedings	
Materials Today: Proceedings	
Application of Multi Attaihuta Danisian Making Appundsh for Transactorification Drassactoring	2020
Application of Multi-Attribute Decision Making Approach for Transesterification Process using	
Grey Relational Analysis.	
S Balamurugan	
Journal of Engineering Science & Technology Review 13 (4)	2020
Optimization of machine machining parameters in EDM of silicon nitride-titanium nitride	
based on RSM	
SR Kumar, VP Srinivasan, S Balamurugan, SD Krishnaa, V Gokul,	
Materials Today: Proceedings	2020
A Multi Criteria Decision Making (MCDM) based on TOPSIS and RSM for process improvement	
in electrical discharge machining of silicon nitride-titanium nitride ceramic composites	
VP Srinivasan, PK Palani, S Dhayananthan, S Gopi, S Balamurugan,	
Materials Today: Proceedings	2020
Experimental analysis on the performance, emission, and combustion characteristics of diesel,	
and diesel-water emulsions in low heat rejection engine	
NS Senthur, S BalaMurugan, H RamGanesh, S Divakara	
Materials Today: Proceedings	2020
Experimental investigation on ultrasonic metal welding of copper sheet with copper wire using	
Taguchi method	
VP Srinivasan, S Balamurugan, B Balakarthick, SD Darshan, ABD Prabhu	
Materials Today: Proceedings	2020
Experimental investigation of nano metal oxide blended Eucalyptus bio fuel on common rail	
direct injected diesel engine	
NS Senthur, R Karthikeyen, S BalaMurugan, S Divakara, M Esakkiraja	
Materials Today: Proceedings	2020
Process Optimization Study of Alternative Fuel Production From Linseed Oil	
V Karthickeyan, S Balamurugan, B Ashok, S Thiyagarajan,	
Recent Technologies for Enhancing Performance and Reducing Emissions in	2020
Cold metal transfer (CMT) technology-A review	
S Balamurugan, R Ranjith	
International Journal of Pure and Applied Mathematics 119 (12), 2185-2196	2018
FRICTIONAL BEHAVIOR OF THE AA7050/B4Cp ALUMINUM COMPOSITES	
R Ranjith, PK Giridharan, J Devaraj, S Balamurugan	
Composites: Mechanics, Computations, Applications: An International Journal	2018
Formability Analysis of Aluminum Based Alloy By Using Finite Element Method	
VP Srinivasan, S Balamurugan	2017

A Comparative Analysis and Effect of Water Depth on the Performance of Single Slope Basin	
Type Passive Solar Still Coupled with Flat Plate Collector and Evacuated Tube Collector	
S Balamurugan, NS Sundaram, KP Marimuthu, J Devaraj	
Applied Mechanics and Materials 867, 195-202	2017
Small and large signal modeling of heavy duty gas turbine plant for load frequency control	
S Balamurugan, KRMVC N. Janarthanan	
International Journal of Electrical Power & Energy Systems 79, 84-88	2016