Sl. No.	Name with full address	Area of specialization
	Panel Member from Affiliated colleges	
3.	Name : **Dr. S. Suresh Kumar** Designation : Associate Professor Department : Mechanical Engineering Address : SSN College of Engineering, OMR, Kalavakkam – 603 110, Tamil Nadu, India Mobile : 9994460258 E-mail : sureshkumars@ssn.edu.in	Metal Fatigue, Fracture Mechanics, Ballistic Impact, Crash Analysis FEM

List of Publications for last 5 years
1. S Giriprasad S Gokul, S Suresh Kumar . "Traffic Signs Detection And Recognition Using The Ant Bee Colony Optimized Artificial Immune System ". *International Journal of Pure and Applied Mathematics* . vol. 118 no. 11 (2018): 629-636
2. S Gokul, S Suresh Kumar, S Giriprasad. "Robust detection and recognition of traffic signs on road panels ". *International Journal of Heavy Vehicle Systems*. vol. 25. no. 3-4 (2018): 322-343
3. M Lydia, S Suresh Kumar, A Immanuel Selvakumar, G Edwin Prem Kumar. "Wind Farm Power Prediction Based on Wind Speed and Power Curve Models". *Intelligent and Efficient Electrical Systems* (2018) : 15-24
4. S Suresh Kumar, J Jayakumar. "Torque modeling of Switched Reluctance Motor using LSSVM-DE ". *Neurocomputing*. Vol. 211.(2016) : 117-128
5. S. Suresh Kumar A. Immanuel Selvakumar, S. Paul Sathiyan. "Safety Assessment of Vehicles with Ensemble FLC based FCAS". *International Journal of Engineering and Technology*. vol. 8. no. 4 (2016): 1719 - 1727
6. S Paul Sathiyan, S Suresh Kumar, A Immanuel Selvakumar. "Novel HBM Spacing Policy for Fuzzy Based Forward Collision Avoidance System in Vehicle". *International Conference on Emerging Research in Computing, Information, Communication and Applications*. (2016): 229-238
7. M Lydia, S Suresh Kumar, A Immanuel Selvakumar, G Edwin Prem Kumar. "Linear and non-linear autoregressive models for short-term wind speed forecasting". Energy Conversion and Management. vol. 112. (2016): 115-124
8. K Vinoth Kumar, S Suresh Kumar, A Immanuel Selvakumar, R Saravana Kumar. "Recent Techniques to Identify the Stator Fault Diagnosis in Three Phase Induction Motor". *Sustaining Power Resources through Energy Optimization and Engineering* (2016): 309-325
9. S Paul Sathiyan, S Suresh Kumar, A Immanuel Selvakumar. "Optimized Fuzzy Logic-Based Adaptive Cruise Control Vehicle for Urban and Highway Driving Patterns". *Emerging Research in Computing, Information, Communication and Applications* (2016) : 319-331
10. M Lydia, S Suresh Kumar, A Immanuel Selvakumar, G Edwin Prem Kumar. "Wind resource estimation using wind speed and power curve models". *Renewable Energy*. vol.83 (2015): 425-434
11. K Vinoth Kumar, S Suresh Kumar, A Immanuel Selvakumar. "Spectrum Analysis of Sidebands in Industrial Drives". *International Journal of Measurement Technologies and Instrumentation Engineering (IJMTIE)*. vol. 5.no. 2 (2015): 1-13
12. S Paul Sathiyan, S Suresh Kumar, A Immanuel Selvakumar. "Optimised fuzzy controller for improved comfort level during transitions in Cruise and Adaptive Cruise Control Vehicles". *International Conference on Signal Processing and Communication Engineering Systems*. (2015): 86-91
13. S Gokul, S Suresh Kumar, S Giriprasad. "Survey-An Exploration of Various Techniques For Sign Detection in Traffic Panels".(2015)