

RESEARCH PROFILE

Name : Dr.S.Kalidass M.E., Ph.D
Designation : Professor and COE
Department : Mechanical Engineering
Email : skalidass72@gmail.com
Mobile : 9894341935



EDUCATION

Qualification	University	Year	Specialization
B.E	Madurai Kamaraj University	2000	Mechanical Engineering
M.E	Madurai Kamaraj University	2003	CAD/CAM
Ph.D	Anna University	2014	Mechanical Engineering

LIST OF PUBLICATIONS

JOURNALS:

1. **Kalidass, S**, Palanisamy, P & Muthukumar, V 2012, 'Prediction of tool wear using regression and artificial neural network models in end milling of AISI 304 Austenitic stainless steel', International Journal of Engineering and Innovative Technology, vol. 1, no. 2, pp. 29-36.
2. **Kalidass, S**, Palanisamy, P & Muthukumar, V 2013, 'Prediction and optimization of tool wear for end milling operation using artificial neural networks and simulated annealing algorithm', International Journal of Machining and Machinability of Materials, vol. 14, no. 2, pp. 142-164. (Sl. No. 8569, IF : 0.601).
3. **Kalidass, S** & Palanisamy, P 2014, 'Experimental investigation on the effect of tool geometry and cutting conditions using tool wear prediction model for end milling process', Journal of Advanced Manufacturing Systems, vol. 13, no. 1, pp. 1-14 DOI: 10.1142/S0219686714002565. (Sl.No.9516, IF : 0.376).

4. **Kalidass, S&Palanisamy, P** 2014, 'Effect of machining parameters on surface roughness in end milling of AISI 304 steel using uncoated solid carbide tools', Australian Journal of Mechanical Engineering, Accepted for Publication (Ref # M12-079R1). (Annexure II, Sl. No. 2029, IF : 0.104).
5. **Kalidass, S, Palanisamy,P** 2014 'Prediction of Surface Roughness for AIS 304 Steel with Solid Carbide Tools in End Milling Process Using Regression and ANN Models' Arabian Journal for Science and Engineering, vol. 39, pp.8065- 8075 DOI 10.1007/s13369-014-1346-6 .
6. **Kalidass, S.MadhavarajRavikumar.T** 2015 'Cutting Force Prediction in End Milling Process of AISI 304 Steel Using Solid Carbide Tools' International Journal of Engineering, Transactions A: Basics Vol. 28, No. 7.

INTERNATIONAL CONFERENCE PUBLICATIONS

1. **Kalidass.S** 2013 , Prediction and optimization of surface roughness for end milling operation of AISI 304 material using artificial neural networks and genetic algorithm, 3rd International Conference on Recent Advances in Material Processing Technology (RAMPT'13), National Engineering College, K.R.Nagar, Kovilpatti – 628 503.
2. **Kalidass, S &Palanisamy, P** 2014, 'Prediction of cutting force in end milling process of AISI 304 steel using Response surface methodology', Second International Conference on Advances in Industrial Engineering Applications, Anna University Chennai, Tamilnadu, India. (Ref # QE 115)