CENTRE FOR RESEARCH

ANNA UNIVERSITY, CHENNAI – 600 025

LIST OF PUBLICATIONS OF DC MEMBER

Name of the Scholar : Pradeep Kumar S L

Programme : Ph.D. (PT)

Research Topic : Design and Construction of Shock Tunnel Capable of Generating Shockwaves for Engineering Applications.

Name of the Supervisor: Dr. J. Maniraj / 2420222

Name of the Member : Dr. J. Gokulachandran

S.No	**Title**	**Year of Publication**
1	Natarajan K. K and Gokulachandran J, " Artificial Neural Network Based Machining Operation Selection for Prismatic Components", International Journal of Advanced Science, Engineering and information Technology"Vol. 10 , No. 2 , pp618-628(Scopus Indexed)	2020
2	Gokulachandran.J and Padmanaban R, " Prediction of remaining useful life of cutting tools: a comparative study using soft computing methods", International Journal of Process Management and Benchmarking, Vol 8,No2, pp156-181	2018
3	Ilangovan S, Vaira Vignesh, Padmanabhan R and Gokulachandran J ," Comparison of statistical and soft computing models for predicting hardness and wear rate of Cu-Ni_Sn alloy" Advances in Intelligent Systems and Computing, , pp 559-571.	2018
4	Sangeeth Kumar.K.S, Gokulachandran.J, "Implementation of Cleaner Production Strategies in a Manufacturing Industry" , International Journal of Applied Engineering Research (IJAER), Vol 10, No.7, pp.17291-17302.(*Scopus indexed)*	2015
5	Nithin.M, Gokulachandran.J, "Risk Assessment and Management in a Manufacturing Industry", International Journal of Applied Engineering Research (IJAER), Vol 10, No.7, pp.17303-17314.	2015
6	Gokulachandran.J and Mohandas. K," Prediction of cutting tool life based on Taguchi Method with Fuzzy logic and Support Vector Regression approaches",	2015

	International Journal of Quality and Reliability Management , Vol 32 No. 3, 270-290.	
7	Gokulachandran.J and Mohandas.K, "Comparative Study of two Soft Computing Techniques for the Prediction of Remaining Useful Life of Cutting Tools", Journal of Intelligent Manufacturing,Vol. 26, No. 2,255-268. (IF 1.142)-Springer	2013
8	Gokulachandran.J and Mohandas .K,"Application of artificial neural network and fuzzy logic method for remaining useful life assessment of cutting tools", International Journal of Logistics and Supply Chain management, Vol.5,No.1, 9-19.	2013
9	Gokulachandran.J and Mohandas .K, "Predicting Remaining Useful life of Cutting Tools with Regression and ANN analysis", International Journal of Productivity and Quality Management, Vol .9, No. 4, pp.502-518.	2012
10	Gokulachandran.J and Mohandas.K , 'Tool life prediction model using regression and artificial neural network analysis', International Journal of Production and Quality Engineering, Vol.3, No.1, 9-16.	2012
11	Gokulachandran J, Devadasan. S.R, Goshteeswaran. S, "Design for quality in agile manufacturing environment through modified orthogonal array-based experimentation", Journal of Manufacturing Technology Management, Vol. 16 Iss: 6, pp.576 – 597.	2005