

## List of Publications

- Semi-empirical model for depth of cut in abrasive waterjet machining of metal matrix composites  
V Mohankumar, M Kanthababu  
Journal of the Brazilian Society of Mechanical Sciences and Engineering 42 ...  
Identification of tool wear status and correlation of chip morphology in micro-end milling of mild steel (SAE 1017) using acoustic emission signal  
M Prakash, M Kanthababu, AAJ Kumar, N Arun, VP Venkadesan  
IOP Conference Series: Materials Science and Engineering 912 (3), 032066  
Advances in Micro and Nano Manufacturing and Surface Engineering: Proceedings of AIMTDR 2018  
MS Shunmugam, M Kanthababu  
Springer Nature  
Advances in Forming, Machining and Automation: Proceedings of AIMTDR 2018  
MS Shunmugam, M Kanthababu  
Springer Nature  
Condition Monitoring of Abrasive Waterjet Milling Using Acoustic  
U Goutham, M Kanthababu, S Gowri, KR Sunilkumar, M Mathanraj, ...  
Advances in Forming, Machining and Automation: Proceedings of AIMTDR 2018, 153  
Advances in Unconventional Machining and Composites: Proceedings of AIMTDR 2018  
MS Shunmugam, M Kanthababu  
Springer Nature  
Advances in Simulation, Product Design and Development: Proceedings of AIMTDR 2018  
MS Shunmugam, M Kanthababu  
Springer Nature  
Advances in Additive Manufacturing and Joining: Proceedings of AIMTDR 2018  
MS Shunmugam, M Kanthababu  
Springer Nature  
Advances in Micro and Nano Manufacturing and Surface Engineering  
MS Shunmugam, M Kanthababu  
Condition Monitoring of Abrasive Waterjet Milling Using Acoustic Emission and Cutting Force Signals  
U Goutham, M Kanthababu, S Gowri, KR Sunilkumar, M Mathanraj, ...  
Advances in Forming, Machining and Automation, 153-164  
Evaluation of macro sized metal based microgrippers for handling microcomponents  
V Vidya, M Kanthababu, SH Thilagar, R Balasubramanian  
Precision Engineering 54, 403-411  
Optimization of material removal rate in wire electric discharge grinding for micro machining of tungsten electrodes  
M Parthiban, V Krishnaraj, J Kanchana, MK Babu  
NISCAIR-CSIR, India  
Tool Wear Classification in Microendmilling of Mild Steel using Multi-Sensor Approach  
M Prakash, M Kanthababu, S Gowri

- Experimental investigation of pocket milling on Inconel 825 using abrasive water jet machining  
U Goutham, BS Hasu, G Chakraverti, M Kanthababu  
Int J Curr Eng Technol 6 (1), 295-302 2016
- Investigation on material removal rate and surface roughness in electrical discharge turning process of Al 7075-based metal matrix composites  
M Kanthababu, JJR Jegaraj, S Gowri  
International Journal of Manufacturing Technology and Management 30 (3-4 ... 2016
- Experimental investigations on pocket milling of titanium alloy using abrasive water jet machining  
M Kanthababu, RM Ram, NP Emmanuel, R Gokul, R Rammohan  
FME Transactions 44 (2), 133-138 2016
- Experimental Investigations on Depth of Cut in Abrasive Waterjet Machining of Al/B4C Metal Matrix Composites  
V Mohankumar, M Kanthababu  
International Journal of Engineering Research 5 (4), 322-326 2016