

APPENDIX-I

LIST OF PAPERS PUBLISHED BASED ON RESEARCH WORK

1. A.J.Makadia, J.I.Nanavati, Modeling and optimization of saddle for CNC machine, Proceeding of international conference on advances in mechanical engineering (ICAME-2008) SVNIT, Surat, India, Dec.15-17 2008, pp.923-928.
2. A.J.Makadia, J.I.Nanavati, Optimization of turning head, Proceeding of international conference on recent advances in material processing technology (RAMPT-2009), National engineering college, Tamilnadu, India, Feb.25-27 2009, pp.535-539.
3. A.J.Makadia, J.I.Nanavati, Surface roughness prediction in turning of AISI 410 steel with RSM, Proceeding of the international Conference on Emerging Trends in Mech. Engineering (ICETME-2013), G. H. Patel College of Engineering & Technology, V. V. Nagar, Gujarat, India, Jan.4 – 5 2013, ISBN: 978-1-61233-6244 pp. 253-259.
4. A. J. Makadia, J.I.Nanavati, Optimization of tool geometry and cutting parameters for turning operations based on response surface methodology, Proceeding of the international conference on advances in materials processing and characterization (AMPC 2013) Anna University, Chennai, India, Feb. 6-8 2013, pp. 885-890.
5. A.J. Makadia, J.I. Nanavati, Optimization of machining parameters for turning operations based on response surface methodology, Measurement 46 (2013) 1521-1529. <http://dx.doi.org/10.1016/j.measurement.2012.11.026>.
6. A.J.Makadia, J.I.Nanavati, Optimizing Surface Finish in Turning Operation by Factorial Design of Experiments, Proceedings of the International Conference on Advanced Engineering Optimization Through Intelligent Techniques, (AEOTIT), S.V. National Institute of Technology, Surat – 395 007, Gujarat, India, July 01-03 2013, pp. 67-71.

LIST OF PAPERS PUBLISHED BASED ON RESEARCH WORK

7. A. J. Makadia, J.I.Nanavati, Analysis of Surface Roughness in Turning with Coated Carbide Cutting Tools: Prediction Model and Cutting Conditions Optimization, 5th International & 26th National Conference on All India Manufacturing Technology, Design and Research Conference (AIMTDR 2014), Indian Institute of Technology Guwahati, Assam, December 12-14, 2014.