

Curriculum Vitae

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Academic Qualifications:

B.E. (Hons.), Production Engineering, 2005, Jadavpur University, Kolkata (Marks: 77.7%).
M.Tech., Manufacturing Science & Engineering, 2009, IIT Kharagpur (Marks: 9.12, CGPA).

Professional Experience:

Executive Engineer, 2005-06, The Lagan Jute Machinery Co. Ltd., Kolkata-16, W. B., India.

List of Publications from this Thesis:

International Journal Papers:

1. **K. Maji**, D. K. Pratihar and A. K. Nath, Laser forming of a dome shaped surface: Experimental investigations, statistical analysis and neural network modeling. *Optics and Lasers in Engineering*, 2014; 53: 31-42.
2. **K. Maji**, D. K. Pratihar and A. K. Nath, Experimental investigations and statistical analysis on pulsed laser bending of AISI304 stainless steel sheet. *Optics and Laser Technology*, 2013; 49: 18-27.
3. **K. Maji**, D. K. Pratihar and A. K. Nath, Analysis and synthesis of laser forming process using neural networks and neuro-fuzzy inference system. *Soft Computing* 2013; 17: 849-865.
4. **K. Maji**, D. K. Pratihar, A. K. Nath, Analysis of pulsed laser bending of sheet metal using neural networks and neuro-fuzzy system. *IMechE Part B: Journal of Engineering Manufacture*, April 2014; DOI: 10.1177/0954405414522212.

International Conference Proceedings:

1. **K. Maji**, A. K. Nath, D. K. Pratihar, Experimental and numerical study on multi-scan laser forming of stainless steel sheet, *Proc. of ICAMMP Conference, Dec. 9-11, 2011, IIT Kharagpur, Kharagpur, India.*
2. **K. Maji**, D. K. Pratihar, A. K. Nath, Modeling of pulsed laser bending of sheet metal using neuro-fuzzy system, *Proc. of AIMTDR Conference, Dec.14-16, 2012, Jadavpur University, Kolkata, India.*
3. **K. Maji**, R. Shukla, A. K. Nath, D. K. Pratihar, Finite element analysis and experimental investigations on laser bending of AISI304 stainless steel sheet, *Proc. of IConDM Conference, July 18-20, 2013, IIITD&M Kancheepuram, Chennai, India.*