Curriculum Vitae

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Publications:

i). Vidyut Dey, Dilip Kumar Pratihar, G.L. Datta, M.N. Jha, T.K. Saha, A.V. Bapat, Optimization of bead geometry in electron beam welding using a Genetic algorithm, *Journal of Materials Processing Technology*, 209, pp. 1151-1157, 2009.

- ii). Vidyut Dey, Dilip Kumar Pratihar, G.L. Datta, M.N. Jha, T.K. Saha, A.V. Bapat, Optimization and Prediction of Weldment Profile in BOP Welding of Al-1100 Plates using Electron Beam, *International Journal of Advanced Manufacturing Technology*, 48, pp. 513-528, 2010.
- iii). Vidyut Dey, Dilip Kumar Pratihar, G.L. Datta, Entropy-based Fuzzy-C Means Algorithm for obtaining Distinct and Compact Clusters, *Fuzzy Optimization and Decision Making*, (revised, under review) 2009.
- iv). Vidyut Dey, Dilip Kumar Pratihar, G.L. Datta, Forward and Reverse Modeling of Electron Beam Welding Process using Radial Basis Function Neural Networks, *International Journal of Knowledge-base and Intelligent Engineering Systems*, (under review) 2010.

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 Vidyut Dey, Dilip Kumar Pratihar, G.L. Datta, Prediction of Weld Bead Profile using Neural Networks, *First International Conference on Emerging Trends in Engineering and Technology*), July 16-18, 2008, Nagpur, India, IEEE Computer society, 581-586, 2008.