

Curriculum Vitae

I. Personal Particulars

Name: Dr. Wan Mansor Bin Wan Muhamad
Date of Birth: 30 July, 1966
Nationality: Malaysia
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II. Academic and Professional Qualifications

Year	Degree	Discipline	University
1988	B.S. in Engineering	Mechanical Engineering	University of Michigan, Ann Arbor, Michigan, USA
1989	M.S. in Engineering	Mechanical Engineering	University of Michigan, Ann Arbor, Michigan, USA
1996	PhD	Manufacturing Engineering	University of Toledo, Ohio, USA

III. Working Experience

Year	Position	Field of Work	Place of Work
2003-to date	Associate Professor	Mechanical engineering	Faculty of Mechanical Engineering, KUKTEM
2001-2003	Lecturer	Manufacturing engineering	School of Mechanical Engineering, USM
1996-2001	Lecturer	Quality control and instrumentation	School of Industrial Technology, USM

	1995-1996	Research and Teaching Assistant	Manufacturing engineering	U of Toledo, USA
	1995-1995	Production Engineer	Production of car components	Delta Manufacturing, Toledo, Ohio, USA
	1988-89	Computer Consultant	Assisting computer users in language programming and computer applications	Computer Aided Engineering Network, U of Michigan, Ann Arbor, USA
	1986-88	Computer Lab Supervisor	Monitoring lab activities and assisting users	Computer Aided Engineering Network, U of Michigan, Ann Arbor, USA

IV.	Current Research Areas Manufacturing Automation Technology Manufacturing Process Productivity and Quality Improvement
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V.	Publications W.L. Scheller II, W.M Wan Muhamad, <i>Machining of Green Si₃N₄ Polymer Bonded Ceramic Materials</i>, Materials and Manufacturing Processes, Vol. II, p. 775-787, 1996 W.M. Wan Muhamad, L.M. Fadzil, A. Samsudin, <i>The Application of Statistical Process Control Methods Using Web Infrastructure to Enable World Class Manufacturing Processes</i>, Proceedings of Regional Symposium for Quality and Automation 2000, Universiti Sains Malaysia, Penang, Malaysia, 4-5 May, 2000 J. Abdullah, F. Liou, M.N.M. Ibrahim, W.M. Wan Muhamad, <i>Design and Integration of A Laser-Based Material Deposition System</i>, Proceedings of 12th Annual Solid Freeform Fabrication Symposium, Austin, Texas, USA W.M. Wan Muhamad, K. Subari, L.M. Fadzil, <i>A Strategy Towards Global Competitiveness: Internet-based Quality Assessment</i>, Proceedings of Conference on Quality, Kuwait, 10-13 March, 2002 K. Subari, K.L. Sze, W.M. Wan Muhamad, <i>A Performance Measurement Model to Evaluate Quality Activities/Systems in Organizations – Model Development</i>, Proceedings of Conference on Quality, Kuwait, 10-13 March, 2002 K. Subari, K.L. Sze, W.M. Wan Muhamad, <i>A Performance Measurement Model to Evaluate Quality Activities/Systems in Organizations – Results and Analysis</i>, Proceedings of Conference on Quality, Kuwait, 10-13 March, 2002 Z. Abdul Aziz, C.P. Lim, K. Subari, W.M. Wan Muhamad, <i>Industrial Application of Performance Quality Techniques – Guidelines for Planning Industrial Experiments</i>, Proceedings of Conference on Quality, Kuwait, 10-13 March, 2002
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	W.M. Wan Muhamad, W.L. Scheller II, J. Abdullah, <i>Machinability of Green Alumina Bodies Using Epoxy Binder</i>, Proceedings of 2nd World Engineering Congress, Sarawak, Malaysia, 22-25 July, 2002 J. Abdullah, W.M. Wan Muhamad, S. Shuib, M.N. Mohamad Ibrahim, <i>Multi-material Delivery System For Direct Metal Deposition Rapid Prototyping Process</i>, Proceedings of 2nd World Engineering Congress, Sarawak, Malaysia, 22-25 July, 2002 Wan Mansor W.M., Norhaiza N., <i>Multimedia Berkomputer Meningkatkan Kefahaman Teknologi Pembuatan</i>, Dewan Kosmik, Januari 2003 Wan Mansor W.M., Jamal Abdullah, <i>Penilaian Prestasi Sistem Pembuatan Menggunakan Kaedah Simulasi</i>, Dewan Kosmik, Februari 2003 Aznizam A., Wan Mansor W.M., <i>Sistem Pembuatan Anjal Satu Keperluan</i>, Dewan Kosmik, Jun 2003 W.M. Wan Muhamad, A. Mohd-Yunus, Arif Suhail, A. Baharum, <i>A Dynamic Scheduling Algorithm for Flexible Manufacturing Systems</i>, Proceedings of Symposium on Discrete Events in Industrial and Manufacturing System, The Multiconference on Computational Engineering in Systems Applications 2003, July 9-11 2003, Lille, France. Arif Suhail, Zahid A Khan, W.M. Wan Muhamad, <i>A New Sampling Scheme For Outgoing Quality In Manufacturing Environment</i>, Proc. 19th International Conference on CAD/CAM, Robotics and Factories of the Future (CARS & FOF 2003), 22-24 July 2003, Volume 1, page 105-112. Zahid A. Khan, Arif Suhail and W. M. Wan Muhamad, <i>Designing single sampling plans by attributes for manufacturing industry</i>, Jurnal Mekanikal, UTM, Malaysia (communicated) Zahid A. Khan, Jamatuddin Abdullah and W. M. Wan Muhamad, <i>Effect of Noise on Human Performance in Data Entry Task</i>, Journal of Faculty of Mechanical Engineering, UiTM, Malaysia (communicated) Zahid A. Khan, G. A. Quadir, Irfan Anjum Badruddin, W. M. Wan Muhamad, and K. N. Seetharamu, <i>A comprehensive mathematical model for simulation of latent and sensible heat losses from wet-skin surface and fur layer of a cow</i>, Journal of Thermal Biology UK. (communicated) W.M. Wan Muhamad., M.F.F.A.Rashid, W.A.W.Yusoff, M. Ishak, <i>Manufacturing Automation Technology Implementation in Malaysia: A Review</i>, Jurnal Teknologi, Universiti Teknologi Malaysia (communicated)
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VI.	Research Grants 1. The Application Of Statistical Methods Using Web Infrastructure To Enable World Class Manufacturing Process (USM, August 1998-July 1999) [Leader] 2. Optimisation of Flexible Manufacturing System (FMS) Using Simulation and Design of Experiment (USM, February 2003-January 2004) [Leader] 3. Design and Development of Robotic Welding System For Automotive Application (KUKTEM, January 2004-December 2004) [Leader] 4. Assembly Line Balancing for Automotive Manufacturing Application (KUKTEM, July 2004-June 2005) [Leader]
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