

Curriculum Vitae
Kyuil (Kyle) Kim
Professor & Chair
Department of Mechanical Engineering
Marquette University

Personal

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Areas of Specialization

Research interests are primarily in the area of manufacturing. Current interests include

- Computer Aided Manufacturing
- Industrial Automation

Education

Ph.D.: Mechanical Engineering, University of Wisconsin-Madison, August, 1986.
M.S.: Mechanical Design & Production Engr., Seoul National University, February, 1982.
B.S.: Mechanical Design & Production Engr., Seoul National University, February, 1980.

Professional Experience

2001-present: Professor and Chair, Department of Mechanical Engr., Marquette University.
2000-2001: Acting Chair, Department of Mechanical Engr., Northern Illinois University.
1999-2001: Professor and Chair, Department of Industrial Engr., Northern Illinois University.
1992-1999: Associate Professor, Dept. of Mechanical Engr., Univ. of Illinois at Chicago.
1986-1992: Assistant Professor, Dept. of Mechanical Engr., Univ. of Illinois at Chicago.
1983-1986: Research Assistant, Dept. of Mechanical Engr., Univ. of Wisconsin, Madison.

Professional Activities

Professional Society

Fellow of ASME (American Society of Mech. Engr.) since 1986.
Senior Member of SME (Society of Manufacturing Engineers) since 1986.
Member of KSEA (Korean Scientists and Engineers Association) since 1985.

Professional License

Licensed Professional Engineer (State of Illinois) since 1989.

Others

Who's Who in the World, Who's Who in America, Who's Who in Finance and Industry

Ph.D. Students Supervision

At Marquette University

- K. T. Lee, “Accuracy Analysis and Development of Laser Direct Patterning System,” (with Professor James Rice), 2007, Current Position: Manager, Samsung Electric Korea.
- K. J. Shin, “Investigation of Thermal response of an Automobile Passenger with a Ventilated Seat,” 2006, Current Position: Director, Kwang Jin Amereica.

At University of Illinois at Chicago

- S. Y. Jin, “Analysis and Simulation Excimer Laser-Based Optical System,” 2004, Current Position: Director, Samsung SDI, Korea.
- J. W. Lee, “Product Data Management System for Sculptured Surface Manufacturing,” 1997, Current Position: Manager, Small & Medium Industry Promotion Corporation, Korea.
- J. S. Kim, “Optimal Model Building Strategy for Rapid Prototyping Manufacturing of Sculptured Surface,” 1997, Current Position: President, Mplus, Korea.
- Y. J. Chon, “Optimization of Rough Cutting Process for Sculptured Surfaces,” 1996, Current Position: Vice President, Tae Kwang, Korea.
- I. W. Sul, “Computerized Design, Manufacturing, and Simulation of Meshing of Worm-Gear Drive with New Geometry,” (with Professor F.L. Litvin), 1995, Current Position: Director, Advanced Defense Department, Korea.
- J. H. Cho, “Integrated Computer-Aided Manufacturing System for Multi-Patch Sculptured Surfaces,” 1995, Current Position: Professor, Department of Industrial Engineering, Dan Kuk University, Korea.
- K. I. Kim, “Integrated Computer-Aided Manufacturing System for Sculptured Surfaces,” 1993, Current Position: Vice President, Sam Sung SDI, Korea.
- M. W. Cho, “Flexible Inspection System Using CAD Database and A Vision Guided Coordinate Measuring Machine,” 1992, Current Position: Professor, Department of Mechanical Engineering, In Ha University, Korea.
- S. J. Yi, “Trajectory Control of An Articulated Robot with A Parallel Drive Arm Based on Splines Under Tension,” 1992, Current Position: Professor, Department of Automotive Engineering, Han Yang University, Korea.
- M. K. Kim, “A New Control Strategy: Adaptive Fuzzy Control(AFC) in Machining,” 1991, Current Position: Professor, Department of Mechanical Control and Automation Engineering, Korean Institute of Technology and Education, Korea.
- S. D. Huang, “Adaptive Force Control of End Milling Operations Under Variable Cutting Conditions,” 1990, Current Position: Staff Engineer, Uniden R&D.
- K. S. Moon, “Optimum of Robotic Operations Based on Measurement and Analysis of the Positioning Errors,” 1990, Current Position: Professor, Department of Mechanical Engineering, San Diego State University.

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Books

- H. Park, A. Bowman and K. Kim, “Engineering Graphics, Design and Modeling with UGS NX 8.5,” 5st Edition, McGraw-Hill Education, 2013.
- H. Park and K. Kim, “Engineering Computing with MATLAB® - Lab Manual,” 1st Edition, McGraw-Hill Companies, 2012.