



About the Department

The Manufacturing Engineering & Management Department of the College of Engineering takes pride in its vast network of partnerships across the world. It has ongoing collaborations with foreign institutions including the University of Pisa in Italy, Royal Institute of Technology (KTH) in Sweden, University of Indonesia in Jakarta under the Asia Link Program of the European Union, University of Malaya in Malaysia, and Singapore's Nanyang Technological University (NTU) and National University of Singapore (NUS) under the AUN/SEED-NET program.

It also has strong linkages with esteemed professors in the Tokyo Institute of Technology in Japan, University of Toledo in the United States and the KAIST in the Republic of Korea, University of Coventry and Loughborough University in England, United Kingdom.

In terms of local partnerships, the department has closely worked with large multinational production and manufacturing companies including Nestle, Kraft Foods, Unilever, Procter & Gamble, United Laboratories, Siemens, Toyota Motors, Ford, Orthopaedic International, Perkin Elmer and Boston Scientific Philippines, Inc.



Manufacturing Engineering & Management graduate programs:

1. Master of Engineering in Manufacturing Engineering & Management (M.Eng.)
2. Master of Science in Manufacturing Engineering & Management (M.S.)

Research fields:

Robotics and Mechatronics, Artificial Intelligence / Genetic Algorithms, Evolutionary Computing, Decision Support Systems / Software Development, Concurrent Engineering / Information Modeling, Product Design and Development, CAE / CAD / CAM / CIM Systems, Finite Element Modeling and Analysis, Manufacturing Systems and Management, Materials Engineering / Polymer Science, Biomedical and Clinical Engineering / e-Health and Medical Informatics / Telemedicine Health Technology Assessment / Rehabilitation Technology

Professional Courses:

Basic Robotics, Advanced Robotics, Intelligent Systems, Computer Vision, Digital Technology and Machine Control, Conventional Control System, Programmable Logic Control, Computer Aided Design 1 and 2, Computer Numerically Control (CNC) Technology, Computer Integrated Manufacturing Systems, Flexible Manufacturing Systems, Concurrent Engineering, Software Engineering, Information Modeling, Manufacturing Productive Control, Quality and Reliability, Operations Research in Manufacturing, Materials Processing, Metal Casting, Manufacturing Materials, Polymer Science

Laboratories and Facilities

CATIA Laboratory, CAD/CAM Laboratory, CNC/CIMS Laboratory, Robotics Laboratory, Intelligent Systems Laboratory, Biomedical Instrumentations and Informatics Laboratory

For more information:

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