



About the Department

The Industrial Engineering department is an active founding member of, and affiliated with, a number of international and local organizations. These include the South East Asian Network of Ergonomics Societies (SEANES), Asia Pacific Industrial Engineering and Management Society (APIEMS), Philippine Institute of Industrial Engineering (PIIE), Operations Research Society of the Philippines (ORSP), and the Human Factors and Ergonomic Society of the Philippines (HFES-Philippines) among others. It has three active research centers that conduct studies for its industry partners. These are the Center for Operations Research and Management Science, the Center for Lean Systems and Management, and the Center for Human Factors and Ergonomics.

The department has been involved with wider system studies that include the National Distribution Model for Australia, the Private Enterprise Accelerated Resource Linkages Project of the Canadian International Development Agency, US-AID studies for the Bureau of Internal Revenue and the LTFRB, collaboration with Nanyang Technological University in Singapore and many usability studies and lean and six sigma training for top local companies.

Industrial Engineering graduate programs:

1. Master of Engineering in Industrial Engineering (M.Eng.)
2. Master of Science in Industrial Engineering (M.S.)
3. Doctor of Philosophy in Industrial Engineering (Ph.D.)



Research fields:

Simulation and mathematical modeling of various types of manufacturing and service operations covering among others, logistics and distribution, inventory systems, quality systems, and sustainable production and consumption system. Ergonomics research areas include human computer interactions, affective processes in product design, physical ergonomics and biomechanics.

Professional Courses:

Service System Management, Logistics and Supply Chain Management, Lean Manufacturing, Information Systems Design and Management, Six-Sigma Quality Systems, Design for Six Sigma, Environmental Quality Systems, Risk Analysis and Management, Strategic Thinking and Analysis, Organization Behavior Systems

Laboratories and Facilities

The department is one of the best equipped industrial engineering departments in the country. It has a collection of the most updated and advanced operations research, statistical packages and other mathematical modeling software such as PROMODEL, ARENA, MINITAB, ILOG OFL/ CPLEX and Palisade Risk Analyzer. These offer the highest capability flexibility and adaptability to industrial and business problems. Its pool of laboratories is also the most advanced in the country as it includes a Usability laboratory and Physical Ergonomics Laboratory complete with video camera recording and other test equipment

For more information:
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