

Ph.D. & M.Eng. Industrial and Systems Engineering

Academic Staff



Assoc. Prof. Dr. Thanate Ratanawilai
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1. Advanced Manufacturing System, CNC
2. Material Characterization
3. Wood and Plastic Composites



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1. Material Handling System
2. Production Planning and Control
3. Production and Operations Management
4. Logistics
5. Production Improvement
6. Intelligent Manufacturing System



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1. Engineering Economics
2. Production and Operations Management
3. Quality Management
4. Logistics and Supply Chain Management



Asst. Prof. Dr. Napisphon Meemongkol
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1. Manufacturing Processes
2. Engineering Statistics
3. Productivity Improvement
4. Operations Management



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1. Quality Management
2. Knowledge Management
3. Operations Management



Dr. Wanatchapong Kongkaew
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1. Operations Research and Evolutionary Computation for Optimization
2. Stochastic Processes and Discrete-Event Simulation
3. Logistics and Supply Chain Management



Assoc. Prof. Dr. Nikorn Sirivongpaisal
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1. Logistics and Supply Chain Management
2. Engineering Statistics and Quality Engineering
3. Quality Management



Assoc. Prof. Somchai Chuchom
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1. Manufacturing System
2. Improve productivity



Asst. Prof. Dr. Klangduen Pochana
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1. Ergonomics
2. Productivity Improvement
3. Maintenance Management
4. Industrial Psychology



Asst. Prof. Dr. Supapan Chaiprapat
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1. Computer Aided Design and Manufacturing
2. Manufacturing Processes
3. Computational Geometry



Asst. Prof. Dr. Angoon Sungkhapong
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1. Human Factors Engineering / Ergonomics
2. Productivity Improvement
3. Metal Cutting / Machining

Research Area

Engineering Management

- Productivity Improvement
- Logistics and Supply Chain Management
- Operations Management
- Quality Management
- Knowledge Management
- Maintenance Management

Ergonomics and Safety Technologies

- Human Factors Engineering / Ergonomics
- Ergonomics

Applied Technologies for Manufacturing

- Advanced Manufacturing System, CNC
- Material Characterization
- Wood and Plastic Composites
- Computer Numerical Control

- Metal Cutting / Machining
- Computational Geometry

Manufacturing Systems

- Intelligent Manufacturing System
- Computer Aided Design and Manufacturing
- Manufacturing Processes

Operations Research

- Evolutionary Computation for Optimization
- Engineering Statistics
- Stochastic Processes and Discrete-Event Simulation