



Department of Industrial Engineering and Management



1. Description

Department of Industrial Engineering and Management at Shanghai Jiao Tong University was firstly established in 1920s and rebuilt in 1997. The Department has an undergraduate program in Industrial Engineering (IE), two master programs in IE and Engineering Management (EM) and a doctoral program in IE. The student education of the Department is highly recognized and has received many national awards, e.g. one national-level teaching team and four national-level high-quality courses. The Department focuses on theoretical and applied researches on Production Engineering, Logistics & Supply Chain Management, Quality Management & Reliability, Service Engineering and Product Engineering. The Department has completed or is undertaking over 60 national-level research projects including the NSFC Key Projects, 863 Hi-Tech Projects, NSFC General Projects and many industry funded projects. The annual research expenditures of the Department is approximately \$2 million US dollars. There are currently 8 professors, 9 associate professors and 1 assistant professor working in the institute.



2. Key Research Fields

- Production Engineering
- Logistics & Supply Chain Management
- Quality Management & Reliability
- Service Engineering
- Product Engineering

3. Labs, Centers and Groups

- Modern logistics laboratory
- Ergonomics laboratory
- Reliability laboratory
- Maintenance decision laboratory
- Optimization and simulation laboratory

4. Instrumentation & Facilities

- Production logistics system
- Advanced manufacturing system
- Reliability platform
- SAS statistics platform
- Minitab statistics platform
- Anylogic simulation platform
- Arena simulation platform
- Cplex optimization platform
- AIMMS optimization platform

5. Website

<http://ielm.sjtu.edu.cn/>

6. Director

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