

Institute of Natural Sciences Industrial Engineering *Graduate Studies*



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INDUSTRIAL ENGINEERING

Industrial Engineering, manufacturing and service sectors, most efficient, lowest cost to operate quality systems design, development and management of human, machine, material, energy and information resources, using the best available scientific methods to develop and implement.

Working Areas

Industrial Engineers often work in organizations engaged in the manufacturing industry, despite the increase in recent years; health, banking, insurance, finance, information technology, communications, logistics, service or service systems as well as can be employed. Competition in the industry assumed an important role in the creation of systems of Industrial Engineers, they can find jobs in positions such as;

- production planning engineer,
- product development specialist,
- purchasing engineer, business analyst,
- bank supervisors,
- project managers,
- process engineers,
- ordering and logistics engineers.

Department of Industrial Engineering

In 1977, the Department of Management Science and Engineering was established under the name, Sakarya University since 1982 under the name of Department of Industrial Engineering Education/Research & Development activity continues. The Industrial Engineering department having 43 years of knowledge and experience, serves with 5 Professors, 3 Associate Professors, 17 Assistant Professors and 14 Research Assistants in 2020.



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The Mission of Department of Industrial Engineering

Needs and developments in the world by providing appropriate training and research facilities to become one of the leading programs in Industrial Engineering and analytical thinking in this field, have completed the professional and personal development, leadership capabilities is to educate individuals.



The Vision of Department of Industrial Engineering

Education, teaching and research quality in the first place preferred, participatory and collaborative approach with team spirit, our university, our city, our region and our country's problems for the solution of university-industry-community collaboration in ensuring the pioneer on the internet, provided education and training effectively, carrying out respect for universal values, change tracks and a portion is to be constantly evolving.



Laboratory Facilities

In order to give our students, the ability to use the necessary technical and advanced tools to solve the problems, there are 2 laboratories and various equipment supporting them, and new laboratories are planned to be established in the near future.



Industrial Engineering Discipline

Master's Program

The objective of MSc is to provide an ability to find out theoretical and experimental solution for production systems, services and socio-economic system with employing fundamentals of engineering methods. Candidate who graduated from undergraduate degree in Industrial, Management and System Engineering departments, can apply this program. Those who apply in other engineering areas are subject to the preparation program for one year if they are successful in the entrance examination.

Doctoral Program

The purpose of the doctoral program is to gain an ability of a scientific approach to solve production, services and socio-economic system with employing knowledge of fundamentals of engineering science and operational research methods which are gained from a bachelor and an MSc degree. Candidates who graduated from undergraduate degree or MSc in Industrial, Management and System can be applied.

Engineering Management Discipline

Master's Program

The objective of MSc is to gain an ability for engineers graduated from engineering departments to find out theoretical and experimental solution for production systems, services and socio-economic system with teaching industrial and operational research methods. Engineers who graduated from engineering departments can apply this program. There are 3 programs with thesis, without thesis and distance education.

