**Graduation Project Topics**

**Maintenance management**

* Maintenance performance and measurement:
	+ Efficiency, effectiveness, productivity;
	+ Life Cycle Cost optimization;
	+ Quality, risk and maintenance services;
	+ International Standards and Certification.
* Maintenance technology and management:
	+ Maintenance management systems;
	+ Condition monitoring and prediction;
	+ e-maintenance;
	+ Maintenance tools and innovations;
	+ Performance measurement.
* Maintenance trends:
	+ New Technologies;
	+ Re-engineering maintenance process;
	+ Maintenance logistics;
	+ Maintenance around the world.

**Supply Chain management**

* Demand management
* Product design and comercialization
* Production planning and scheduling
* Quality engineering and management
* Service parts logistics and maintenance
* Product service systems
* Operations / supply chain strategy
* Sustainable production and logistics
* Purchasing / supply management
* Inventory planning and control
* Warehousing & material handling
* Transportation management
* Distribution management
* Closed-loop supply chain
* Maritime logistics
* Airline logistics
* Retail & City logistics
* Management of logistics services
* Information systems and technology
* Global supply chain
* Human factors in logistics and supply chain
* Supply chain social responsibility
* Organization issues in logistics and supply chain
* Humanitarian / disaster relief supply chain
* Healthcare supply chain
* Supply chain risk and uncertainty
* Agricultural supply chain
* Food supply chain
* Supply chain for project context
* Operations & SCM for Asian context
* Cost analysis in operations and logistics
* Pedagogical issues in SCM
* Research methodology in SCM

**Information Management**

* Business strategy and information systems
* Management Information Systems
* Information systems planning and management
* Adoption of information technology in organizations
* Human factors in information systems
* Knowledge acquisition, expert systems
* Systems analysis and design methods
* Accounting and Financial Information System
* Information Quality and Strategy
* Decision Support System
* Information Systems Management
* E-Commerce
* Information Technology Management
* IT Education and Society
* Knowledge Management
* Enterprise Information Systems-ERP
* Public Policy Management
* Project Management
* Free software

**Information Systems and Technology**

* Accounting
* Business Administration
* Business Policy and Strategy
* Economics
Electronic Commerce
Entrepreneurship
* Health Care Administration
* Human Resource
* Information System and Technology
* International Business
* Management and Organization Behavior
* Management Education
* Management Information System
* Managerial Consultation
* Marketing
* Operations Management
* Organizational Development and Change
* Non-Profit Sector Management
* Research Methods
* Social Issues in Management
* Technology and Innovation
* Web Technology and Management

**E-Business Engineering and Management**

* E-Commerce Platforms, Models and Applications
* Workflows and Transactions in E-Business
* Management and Engineering of IT-Enabled Services
* Requirement Analysis and Modeling of E-Business Systems
* Dependability and Performance of E-Business Systems
* Business Performance Management
* Data and Knowledge Engineering for E-Business
* Mobile and Pervasive Commerce
* Open Source Technologies in E-Commerce/Business/Services
* E-Commerce Models, Applications and Technologies
* Service Oriented Computing for E-Business

**Theory and Practice of Modern Management**

* Logistics and supply chain management
* Human Resource Management
* Tourism Management
* Modern Marketing Management
* Technical Innovation and Management
E-Commerce and corporate Infomationization
* Modern Quality Management
* Knowledge Management

**General Topics in Turkish**

* ARGE Yönetimi
* Mühendislik ve Teknoloji Yönetimi
* Benzetim
* Oyun Teorisi
* Bilgisayarla Bütünleşik İmalat
* Performans Yönetimi
* Bilişim Teknolojileri
* Petri Ağları
* Bulanık Mantık
* Proje Yönetimi
* Bütünleşik Ürün Tasarımı
* Risk Analizi ve Yönetimi
* Çizelgeleme
* Sağlık Sistemleri
* Çok Amaçlı / Ölçütlü Karar Verme
* Servis Sistemleri
* Değer Analizi
* Sezgisel Yöntemler
* Endüstri Mühendisliği Eğitimi
* Sistem Dinamiği
* Endüstride YAEM Uygulamaları
* Stokastik Modeller
* Enerji-Çevre Planlaması
* Stratejik Planlama
* Ergonomi
* Tam Zamanında Üretim
* Esnek İmalat Sistemleri
* Tedarik Zinciri Yönetimi
* Eşzamanlı Mühendislik
* Tersine Mühendislik
* Hücresel İmalat
* Tesis Planlama ve Tasarımı
* İnsan Kaynakları Yönetimi
* Toplam Kalite Yönetimi
* İnsan-Bilgisayar Etkileşimi
* Ulaşım Planlaması
* İstatistiksel Kalite Kontrol
* Uzman Sistemler
* Kalite ve Güvenilirlik
* Üretim Ekonomisi
* Karar Analizi
* Üretim Ekonomisi
* Karar Destek Sistemleri
* Üretim Planlaması
* KOBİ’lerde YAEM Uygulamaları
* Üretimde Robot Uygulamaları
* Kurumsal Kaynak Planlama
* Veri Madenciliği
* Lojistik Yönetimi
* Web Tabanlı Uygulamalar
* Maliyet / Performans Analizi
* Yalın Üretim
* Malzeme Taşıma Sistemleri
* Yapay Zeka
* Matematiksel Programlama
* Yenilik Yönetimi
* Metod Mühendisliği
* Yönetim Bilişim Sistemleri
* Mühendislik Ekonomisi
* Artificial Intelligence Philosophy and Technologies
* Agent Based Systems
* Advanced Production and Machining Systems
* Applied Operations Research
* Artificial Intelligence & Expert Systems
* Business Intelligence and Enterprise Systems
* Computational Intelligence in Manufacturing and Production Systems
* Data Mining (Crisp and Fuzzy)
* Decision Support Systems and Applications
* Ergonomics and Human Resources Management in Health Systems
* Green Manufacturing
* Fuzzy Systems and Applications
* Fuzzy-Neural- Genetic Integration
* Hybrid Systems
* Human, Technology and Society
* Intelligent Intersection Systems
* Innovative Design and Technologies
* Intelligent Manufacturing and Service Systems
* Intelligent Disaster and Crises Management
* E-Business and E-Commerce
* Intelligent System Modeling for Economics and Finance
* Information Technology, Web-based Applications
* Intelligent Information Systems
* Knowledge Based Manufacturing Strategies
* Intelligent Management of Government and Municipal Systems
* Intelligent Traffic Control Center
* Knowledge Discovery and Computational Intelligence
* Lean /Agile / Holistic Manufacturing
* Logistics and Transportation Systems
* Supply Chain Management & Logistics
* Multi-Criteria Decision Making and Decision Analysis
* Nano Technologies and Nano Manufacturing
* Network Management Systems
* Sustainable Strategies for Manufacturing and Service Systems
* Traffic Information Systems
* Signal Processing
* Systems Modeling and Simulation
* Production/ Operation Management in Planning and Control
* Quality Management
* Probabilistic and Statistical Models
* Reverse Engineering
* Unmanned Factories
* Quality, Reliability and Maintenance
* Facilities Layout
* Warehousing
* Material Handling
* Human Factors
* Industrial Ergonomics and Safety
* Production/Manufacturing Systems & Processes
* Agile Manufacturing
* ERPI/APS
* Project Development & Management
* Healthcare Systems Applications
* Manufacturing Technologies
* Group Technology & Cellular Manufacturing
* Environmentally Conscious Manufacturing
* Industrial Engineering Education and E-Learning
* Service Systems including Energy, Transportation, Communication
* Utilities and Environmental Control
* Internet of Things / Physical Internet
* Virtual Worlds of Production and Service Systems

**Yukarıdaki konulara ek olarak YAEM (Yöneylem Araştırması ve Endüstri Mühendisliği Ulusal Kongresi) Kongresi ve diğer Endüstri Mühendisliği temalı konferanslarda sunulan konular size örnek olabilir.**