Project #	Supervisor	Project Topic	Number Students	Prerequisite
1	Dr. Gerçek Budak	Flight Crew Assignment Problem for Airline Companies	2 or 3	-
2	Dr. Gerçek Budak	Weighting the importance levels of occupations for Turkey with MultiCriteria Methods	2	-
3	Dr. Gerçek Budak	Ergonomic Keyboard Design Experiments	4	IE 380 -Grade BB or higher
4	Dr. Gerçek Budak	Digital Marketing Decisions for Social Media: Guerilla Marketing	3	-
5	Dr. Deniz Efendioğlu	A Survey on Quality Problems in SME	3	IE362 - Grade CB or higher
6	Dr. Deniz Efendioğlu	Simulation of Different Kind of Process	3	IE372- Grade CB or higher
7	Dr. Deniz Efendioğlu	Optimization in Chemical Industry and Chemical Process	3	IE211 & IE222- Grade BB or higher
8	Dr. Deniz Efendioğlu	Productive Design Optimization Using Statistical Analysis	3	IE221 & IE222- Grade CB or higher
9	Dr. Ibrahim Yilmaz	Blood Banks Inventory Modelling	2 or 3	-
10	Dr. Ibrahim Yilmaz	An overbooking scheduling model for vaccine appointments	2 or 3	-
11	Dr. Ibrahim Yilmaz	Charging stations location-allocation decisions for electrical vehicles	2 or 3	-
12	Prof.Dr.Servet SOYGÜDER	Reducing the Weight of Products with Topology Optimization in Manufacturing Engineering	2	IE254 & IE354- Grade BB or higher
13	Prof.Dr.Servet SOYGÜDER	Topology Optimization with Ansys in Manufacturing Engineering	2	IE254 & IE354- Grade BB or higher
14	Prof.Dr.Servet SOYGÜDER	Control and Design of Robots	2 or 3	IE254 & IE354- Grade BB or higher
15	Prof. Dr. Mete Gündoğan	Design Failure Mode and Effect Analysis (DFMEA) in transition to the digital quality management sy	2	-
16	Prof. Dr. Mete Gündoğan	An integrated mathematical model for renewable energy production and distribution planning in Tu	3	IE 211 and IE 351- Grades BB or higher
17	Prof. Dr. Mete Gündoğan	Product Lifecycle Management (PLM) in transition to Industry 4.0	2	-
18	Prof. Dr. Ergün Eraslan	Establishing a job evaluation system for a manufacturing company	2	-
19	Prof. Dr. Ergün Eraslan	Developing an efficient method and tools for SMEs	3	IE 256 -Grade BB or higher
20	Prof. Dr. Ergün Eraslan	Ergonomic modifications in a production line for a company	3	IE 341 -Grade BB or higher
21	Assoc Prof Babek Erdebilli	Evaluation Index System for Research Efficiency of Research-Oriented Hospitals in Turkey	3	IE211 and IE214 Grade CB or higher
22	Assoc Prof Babek Erdebilli	Developing an efficient method and tools for Green Supplier Selection Problem	3	IE211 and IE214 Grade CB or higher
23	Assoc Prof Babek Erdebilli	Vendor selection for speech recognition product in IT projects	3	IE211 and IE214 Grade CB or higher
24	Assoc Prof Babek Erdebilli	Develop an energy mix towards zero carbon emissions	3	IE211 and IE214 Grade CB or higher
25	Assoc Prof Babek Erdebilli	Green vehicle routing problem research	3	IE211 and IE214 Grade CB or higher
26	Dr. Abdullah Yıldızbaşı	Lean transformation and Assembly Line Balancing Application in a Manufacturing Company	3	-
27	Dr. Abdullah Yıldızbaşı	A Business Model Proposal for Capacity Improvement and Development for Logistics Centers in Tur	3	-
28	Dr. Abdullah Yıldızbaşı	Developing an Industry 4.0 Integrated Decision Support Model for a Manufacturing Company with ɛ	3	-
29	Dr. Abdullah Yıldızbaşı	Network planning location model for Turkey Railway Freight Transpotation	3	-
30	*****	A projects proposed by the student groups	***	****