

DEPARTMENT OF CHEMICAL ENGINEERING

FINAL YEAR DESIGN PROJECTS

GRADUATIONS PROJECTS, May 2018

Work improvement and method study	Dr Adel Moiz	May 2018
Analysis and study of hand lifting operations	Dr Adel Moiz	May 2018
Productivity Enhancement Via Work Methodology Revisement	Dr Adel Moiz	May 2018
Identification of robot for production engineering using FAHP	Dr.M.N. Qureshi	May 2018

GRADUATIONS PROJECTS IN THE YEAR 2017

Optimal Design and Fabrication of a Nail Making	Dr. Mohamed Abdel-Fattah Mansour	2017-SPRING
Forecasting using Markov Chain approach	Dr Elsayed Abdul Hamid	2017-SPRING
The role of Lean Manufacturing in Cement Factory	Dr A.K.Shaik Dawood	2017-SPRING
Kano-QFD Modeling Approach for benchmarking a product – a case study	Dr M.N. Qureshi	2017-SPRING

GRADUATIONS PROJECTS IN THE YEAR 2016

Design and Fabrication of an Ergonomic Solar Vehicle at King Khalid University	Dr. Mohamed Abdel-Fattah Mansour	2016-SPRING
Design and Fabrication of an Ergonomic wheel chair for Saudi people	Dr. Mohamed Abdel-Fattah Mansour	2016-FALL
Study of Process capability index in banking services	Dr Elsayed Abdul Hamid	2016-SPRING
Tools for effective design and management for supply chain	Dr Elsayed Abdul Hamid	2016-FALL
Manufacturing Requirement planning in automobile service plant	Dr A.K.Shaik Dawood	2016-SPRING
Role of Agile manufacturing in soft drink company	Dr A.K.Shaik Dawood	2016-FALL
'Selection & Evaluation of Criteria for Potential Supplier Selection using Lean Principles	Dr M.N. Qureshi	2016-SPRING
Service quality assessment in Airport services using AHP and TOPSIS	Dr M.N. Qureshi	2016 -FALL

GRADUATIONS PROJECTS IN THE YEAR 2015

Optimal Planning/Operation of a Power System Using Mathematical Programming	Dr. Mohamed Abdel-Fattah Mansour	2015-SPRING
Measuring and benchmarking performance of emergency department using lean approach	Dr Elsayed Abdul Hamid	2015-SPRING
Using makovian matrix to estimate survival time of students at the college of engineering	Dr Elsayed Abdul Hamid	2015-FALL
The role of lean manufacturing in improving the treatment of patients in a hospital	Dr A.K.Shaik Dawood	2015-SPRING
The application of lean tools and its awareness among employees in southern province cement factory	Dr A.K.Shaik Dawood	2015-FALL
Assessing Service Quality of Health Care Services	Dr M.N. Qureshi	2015-SPRING

GRADUATIONS PROJECTS IN THE YEAR 2014

Solving King Khalid University Course Timetabling Problem using Mathematical Programming: A Case Study at faculty of Engineering	Dr. Mohamed Abdel-Fattah Mansour	2014-SPRING
Saudi Airlines Crew Scheduling using Mathematical Programming	Dr. Mohamed Abdel-Fattah Mansour	2014-FALL
Application of Fuzzy Based VIKOR Approach for Multi-Attribute Decision Making (MADM)	Dr Elsayed Abdul Hamid	2014-SPRING
A study on the factors affecting consumer preferences and production process in Pepsi factory	Dr A.K.Shaik Dawood	2014-FALL
The role of agile manufacturing and its awareness among employees of Pepsi factory Khamis mushayat	Dr A.K.Shaik Dawood	2014-SPRING
Selection of 3PL Services Providers using Synthesized AHP-GDM	Dr M.N. Qureshi	2014-SPRING

GRADUATIONS PROJECTS IN THE YEAR 2013

Scheduling Saudi Airlines Aircraft Landings using Mathematical Programming	Dr. Mohamed Abdel-Fattah Mansour	2013-SPRING
A study on the effect of injection molding process parameters and optimization using design of experiment	Dr A.K.Shaik Dawood	2013-FALL

GRADUATIONS PROJECTS IN THE YEAR 2012

Using Quality Control Chart in an Industrial Organization	Dr. Mohamed Abdel-Fattah Mansour	2012-SPRING
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PROJECTS IN THE YEAR 2011

Developing an Ergonomic Database for Saudi People	Dr. Mohamed Abdel-Fattah Mansour	2011-SPRING
A feasibility study for a Poultry Farm in Asser Region	Dr. Mohamed Abdel-Fattah Mansour	2011-FALL