

King Khalid University

College of Engineering/Civil Engineering Department

Project title of Senior design Project (graduation project) of Semester S381 (Fall 2017)

No	Project title	Supervisor
1	Causes of Construction Defects in Pavement Projects.	Dr. Mohammad Abdullah Dahem
2	Design of a steel factory.	Prof. Nabil Ben Kahla Dr. Mohamed Hechmi EL Ouni
3	Design of a sports Arena.	Dr. Mohamed Hechmi EL Ouni Dr. Nabil Ben Kahla
5	Analysis & design of desalination plants to meet the sectoral water demand of kingdom of Saudi Arabia	Dr Ram Karan Singh
6	Study the Effect of Seismic Loads on R.C Buildings in Jazan City, KSA.	Dr. Mohammed Ismael
7	Design of King Abdullah Flexible Paved Highway.	Engr. Isameldin Kamal Yousif
8	Design and analysis of a cantilever retaining wall along Abha-Darb road.	Engr. Saiful Islam Prof. Abdelkader Houam
9	Design of Rock fill dam for Flash flood control in Wadi Abha, Kingdom of Saudi Arabia.	Engr. Roohul Abad Khan
10	Design of Earthen Dam for Restoring Flow in Wadi Abha, Kingdom of Saudi Arabia.	Engr. Roohul Abad Khan

Project title of Senior design Project (graduation project) of Semester S382 (Spring, 2018)

No	Project title	Supervisor
1	Flexural Design of Steel Fiber Reinforced Concrete	Prof. Siva Kumar
2	Dynamic Design Of Reinforced Concrete Framed Structural Configurations	Prof. Siva Kumar
3	Efficient Channel design of wadi based on hydrological analysis at New Campus King Khalid University, Farra, Saudi Arabia	Dr. Javed Mallick
5	Structural Analysis and Design of the Main Square of King Khalid University.	Dr. Yasser Alashker
6	Structural Design of Covered Ground Large Capacity Steel Water Tanks	Dr. Yasser Alashker
7	Design of Digital Terrain Model.	Dr. Shams Al-Din
8	Behaviour of Strengthened Reinforced Concrete Beams under Shear Stress.	Dr. Khalid Al-Hadi
9	Behaviour of Strengthened Reinforced Concrete Beams Under Flexural Stress.	Dr. Khalid Al-Hadi
10	Design Of Foundations For a Hotel Building In Khamis Mushyet	Dr. Mahmoud Hussein
11	Design Bio-sand Filters for Water Treatment.	Dr. Ahmed Babaker
12	Study the Engineering Properties of Soil for ABHA City, KSA.	Dr. Ahmed Babaker
13	Design of a traditional Market using a 3D Truss roof system.	Dr. Mohamed Hechmi El Ouni
14	Analysis and Design of a Multi-story RC Buildings by using Pushover Analysis Method.	Dr. Mohammed Ismael
15	Design of King Fahad Flexible Paved Road in Khamis Mushait City, KSA Using Both Super pave & Marshall Methods for Asphalt Mix Design.	Engr. Isameldin Kamal Yousif
16	Design of Counter Fort Retaining wall by Analyzing Slope along Abha Muhaiyel Road.	Engr. Saiful Islam

Project title of Senior design Project (graduation project) of Semester S372 (Spring, 2017)

No	Project Title	Supervisor
1	Design of a tall Guyed mast under wind loads	Dr. Mohamed Hechmi Elouni
2	Geospatial Approach on Landslide Susceptibility Zonation and Geodesign in Abha Watershed	Dr. Javed Mallick
3	Static Analysis and Structural Design Concepts of Unsymmetrical Framed Structures	Prof. Siva Kumar Anandan
4	Dynamic Analysis And Design Of Slender Structure Against Seismic Forces	Prof. Siva Kumar Anandan
5	Structural Design of Foundations for Hospital Building in Khamis Mushyet	Dr. Mahmoud Hussein Mohamed Ahmed
6	Seismic Analysis and Design of 6 Stories RC Building Located in the Risk Seismic Zone, Kingdom of Saudi Arabia	Dr. Mohammed Ahmed Ibrahim Ismael
7	Design of Steel Bridge path through a Ten Story Steel Mall Building	Dr. Yaseer Alashker
8	Design of Reinforced Concrete High Rise Building	Dr. Yaseer Alashker
9	Design of Bio-sand Useful for Water Treatment	Dr. Ahmed Babaker
10	Design of a Two Story Reinforced concrete Factory	Dr. Khaled El Hady
11	Structural Design of an hotel in ABHA	Dr. Khaled El Hady

Project title of Senior design Project (Graduation Project) of Semester S371 (Fall 2016)

No	Project Title	Supervisor
1	Design of a Smart Building to Mitigate Natural Hazards	Dr. Mohamed Hechmi Elouni
2	Gravity Dam Analysis and Design in Rabigh Wadi water basin in the Kingdom of Saudi Arabia for Hydro Power Generation	Dr. Ram Karan Singh
3	Design of Abu Huraira (40th) Road in Almansak, Abha City, KSA	Engr. Isameldin Kamal Yousef
4	Geo-Design Based Soil Analysis for the stream restoration of Wadi Abha	Engr. Roohul Abad Khan
5	Design of Geogrid Wall by Analyzing Slope along Abha-Darb Road	Engr. Saiful Islam
6	Analysis and Design of Rigid Pavement for Potential Replacement with Green Composite Material	Engr. Roohul Abad Khan

Project title of Senior design Project (graduation project) of Semester S362 (Spring, 2016)

No	Project Title	Supervisor
1	The Extent of Delay in Public Construction Projects in Asir, Saudi Arabia	Dr. Ibrahim Idris A Falqi
2	Surveying	Dr. Shams AlDeen Mohammad Saad
3	Study and Analysis of waste water treatment plant	Dr. Ahmed Babeker Elhag
4	Structural Analysis of Cable Stayed Bridges	Dr. Yasser Alashker
5	Design and study of a multi storey Reinforced Concrete building	Dr. Mohamed Hechmi EL OUNI
6	Potential of Stream Restoration in wadi Abha	Mr. Roohul Abad Khan
7	Monitoring Urban Sprawl Using Remote Sensing and GIS Techniques of a Fast Growing Urban Center, Riyadh, Kingdom of Saudi Arabia	Dr. Javed Mallick
8	Study the Effects of Earthquake Loads on Existing RC Buildings in Abha, KSA	Dr. Mohammed Ahmed Ibrahim Ismaeil
9	Design of Dams to suit local need of the Kingdom of Saudi Arabia	Dr. Ram Karan Singh
10	Stability Analysis of Slope	Mr. Saiful Islam
11	“Study of Energy Efficient Buildings using Renewable Sources of Energy”	Dr. Mohamed Abul Hasan
12	Foundations Design for Residential Building	Dr. Mahmoud Hussein Mohamed
13	Design of RC Structures	Dr. Khalid Mohammad Al Hadi Hassan

Project title of Senior design Project (Graduation Project) of Semester S361 (Fall 2015)

No	Project Title	Supervisor
1	Construction Management Process Modelling for Public Schools in Saudi Arabia	Dr. Ibrahim Idris A Falqi
2	Design of an Industrial Building Using a Trussed Frame System	Dr. Nabil Ben Kahla
3	Design of an Industrial Building Using a Portal Gable Frame System	Dr. Nabil Ben Kahla
4	Monitoring of Medinah & Yenbo city ksa	Dr. Shams AlDeen Mohammad Saad
5	A Soil Profile Characteristics of the Aseer area	Dr. Ahmed Babeker Elhag
6	A Study of Materials, Services and Structural System Used In Asser Region Heritage Buildings	Dr. Mohamed Ahmed
7	A STUDY OF NANO-MODIFIED CEMENT MORTARS	Dr. Mohamed Ahmed
8	Development of biological concrete for the urban greenification of Asir	Mr. Roohul Abad Khan
9	Land Use Dynamics and Landscape Change Pattern in a Semi-Arid Mountain Watershed of Abha, Saudi Arabia	Dr. Javed Mallick
10	Analysis and Design of Industrial Steel Building	Dr. Mohammed Ahmed Ibrahim Ismaeil
11	Need of rainwater conservation and design of water harvesting structure in KKU campus	Dr. Ram Karan Singh
12	A study of Nano modified cement mortar	Mr. Saiful Islam
13	DESIGN OF A DOMESTIC WATER TREATMENT PLANT FOR ABHA CITY	Dr. Mohamed Abul Hasan
14	Design of KKU Road ABHA City, KSA	Dr. Isameldin Kamal Yousif
15	Design of RC Structures	Dr. Khalid Mohammad Al Hadi Hassan

Project title of Senior design Project (graduation project) of Semester S352 (Spring, 2016)

No	Project Title	Supervisor
1	Delay Factors of Highway Construction Projects in Asir Region	Dr. Ibrahim Idris A Falqi
2	Digital Elevation Model of Green Mountain Abha KSA	Dr. Shams AlDeen Mohammad Saad
3	STUDY OF AN INNOVATIVE CONCRETE CURING TECHNIQUE FOR SAUDI ARABIAN ENVIRONMENT	Dr. Mohamed Ahmed
4	Progressive collapse analysis of six stories RC building	Dr. Yasser Alashker
5	Mapping of Land use/Land cover and its Change Pattern in Abha City Using Geoinformatics Technology	Dr. Javed Mallick
6	Design of water treatment system for Kingdom of Saudi Arabia	Dr. Ram Karan Singh
7	Digital Elevation Model of Green Hill Mountain, Kingdom of Saudi Arabia	Mr. Saiful Islam
8	PLANNING AND DESIGNING OF A WATER TREATMENT PLANT FOR KHAMIS MUSHAYAT	Dr. Mohamed Abul Hasan
9	Pavement Distresses in ABHA City, KSA	Dr. Isameldin Kamal Yousif
10	Design of RC Structures	Dr. Khalid Mohammad Al Hadi Hassan
11	Evaluation of Retaining wall design in EL- Dabab Walking street	Dr. Mahmoud Hussein Mohamed

Project title of Senior design Project (Graduation Project) of Semester S351 (Fall 2015)

No	Project Title	Supervisor
1	Applications of Total station in Civil Engineering	Dr. Shams AlDeen Mohammad Saad
2	APPLICATION OF SAUDI BUILDING CODE (SBC: 304) BASED STRUT-AND-TIE METHOD FOR THE DESIGN OF DEEP CONCRETE MEMBERS	Dr. Mohamed Ahmed
3	Design of steel structural industrial building	Dr. Yasser Alashker
4	GIS-Based Hydrological Zones of Abha Mountainous Watershed, Kingdom of Saudi Arabia	Dr. Javed Mallick
5	Land use/Land cover dynamics in Khamis-Mushyet City Using Geoinformatics Technology	Dr. Javed Mallick
6	DESIGN OF BITUMINOUS-AGGREGATE MIX FOR SURFACE LAYER IN FLEXIBLE PAVED HIGHWAY	Dr. Isameldin Kamal Yousif
7	Analysis of dam data and design of earth dams	Dr. Dr. Ram Karan Singh
8	Computation of Traverse Land in King Khalid University	Mr. Saiful Islam
9	Analysis and Design of Waste Water Treatment Plant	Dr. Mohamed Abul Hasan
10	Design of RC Structures	Dr. Khalid Mohammad Al Hadi Hassan
11	Design of foundations for office building	Dr. Mahmoud Hussein Mohamed