

King Khalid University

College of Engineering/Mechanical Engineering Department

Graduation projects (Semester S391 - Fall, 2018)

No	Title of project	Supervisor
1	Design and Fabrication of Membrane Distillation Desalination Unit	Dr. Ali ANQI
2	Study of the Photovoltaic-Thermoelectric Air Duct System for Energy Efficient Buildings	Dr. Salem ALGARNI
3	Design and Construction of Solar still combined with Phase Change Materials (PCM).	Dr. Jamel MADIOULI
4	Study of the Mesh Collection Efficiency of Fog Water.	Dr. Salem ALGARNI
5	Design and Fabrication of Solar Water Desalination System Combined with Forced Convection	Dr. Ahmed SALEEL
6	Design of Nozzle and Operating of Recirculation Jet Impinging Rig.	Dr. Ali ALKUZAIM
7	Study of a metal hydride pumping system equipped with a phase change heat exchanger.	Dr. Faouzi ASKRI
8	Thermal performance of a solar water heater with phase change materials (PCM).	Dr. Sofiene MELLOULI
9	Experimental investigation of Photovoltaic trombe wall system for Sustainable building development.	Dr. Kashif KHAN
10	Design Optimization, Analysis and Testing of Automotive Leaf Spring using Finite Element.	Dr. Gulam MOHAMMED
11	Development of evacuated tube solar collector.	Dr. Bayoumi El-Assal

Graduation projects (Semester S392 - Spring, 2019)

N	Title of project	Supervisors
1	Characterization of Synthetic Oils used for Engine Tribology.	Dr. ABHILASH Edalheriad
2	Development of Green Composites for Sustainable Society.	Dr. Vineet Tirth
3	Design and construction of a water-fuelled car prototype.	Dr. Sofiene Mellouli
4	Design and construction of a system generating power using perpetual motion.	Dr. Mondher OUALI
5	Design and manufacturing of a convertor/shifting box mechanism.	Dr. Fehmi GAMOUN
6	Development of 3D models of the left coronary artery of real patients.	Dr. Sarfaraz Saheb
7	Heat transfer in the human head.	Dr. Sarfaraz Saheb
8	Experimental study of the effect of using reflectors on the Performance of heat pipe evacuated tube solar collector.	Dr. Bayoumi El-Assal
9	Design of pumping station in drinking water desalination plant.	Dr. Ahmed Said
10	Study of Thermal load of test room equipped with roof top photovoltaic system	Dr. Mohmmad YUNUS
11	A solar still augmented with a flat-plate collector.	Dr. Jamel Mediouli
12	Development of porous medium burner	Dr. Mohammad YUNUS
13	Design and construction of a compressed air vehicle	Dr. Mustafa Abdelmohaimen