

King Khalid University
College of Engineering/Mechanical Engineering Department

Graduation Projects (Semester S421 – Fall, 2020)

N°	Title of the Project	Supervisors
1	Investigation of Water Pumping System Using Different Metal-Hydrides	Dr. Faouzi Askri
2	Design and Fabrication of Atmospheric Water Generator.	Dr. Ahamed Saleel
3	Assessment of Building Indoor Air Quality	Dr. Salem Algarni
4	Design, Fabricate and Test Small Wind Turbine Using 3D Printed Wind Turbine	Dr. Ali Anqi
5	Design, Construction and Testing of Solar Cooker	Dr. Baiumy Taha El Assal
6	Design of a Pneumatic Bicycle	Dr Irfan Anjum Magami

Graduation Projects (Semester S422 – Spring, 2021)

N°	Title of the Project	Supervisors
1	Designing and Manufacturing a Wind Turbine	Dr. Soltan Alsheri
2	Polymer Additive Manufacturing (3D-Printing)	Dr. Ali Rajhi
3	Production of Graphene Nanoparticles and Investigating their Effect as an Additive to Concrete Composite	Dr. Youssef Jazaa
4	Development of Mathematical model using multi-layered Artificial Neural Network	Dr. Javed Sayed
5	Design and simulation of water – air piston pump as a wave energy convertor	Dr. Amir Kessentini
6	Design and Analysis of Infill Patterns in 3D Printing	Dr. ABHILASH Edalheriad
7	Development and Structural Analysis of a Propeller	Dr. Irfan Anjum
8	Design, Construction and performance analysis of Solar Box Oven	Dr. Bayoumi El-Assal
9	Design, construct and study a performance of solar cooker with mirrors	Dr. Ibrahim Elseesy
10	Effects of Diesel Fuel additives on Performance and Emissions of Diesel engine	Dr. Mohamed Yunus
11	Selection of Materials and Ranking for Product Design Using Multi-Criteria Based Decision Making	Dr. Vineet Tirth
12	Design and Fabrication of Six Legs Walking Mechanism	Dr. Fahmi Gamaoun
13	Performance and Emission characteristics of diesel engine fueled by alcohol based blends	Dr. Sarfaraz Kamangar
14	Study and Analysis of a Solar Pool Heating System	Dr. Mohamed Ali Marghani
15	Design and Fabrication of Drone	Dr. Ali Anqi