King Khalid University

College of Engineering/ Electrical Engineering Department

Graduation projects (Semester S391 - Fall, 2018)

No	Title of project	Supervisors
1	Design and implementation of Hardware Architecture for Intra-prediction in HEVC Decoder	Dr. Hassan
2	Visible Light Communication	Dr. Muneer
3	Artificially Intelligent Raspberry Pi	Dr. Zubair
4	Measurement of biomedical parameters using speech	Dr. Usman
5	Power transformer fault diagnosis	Dr. Bushara
6	Wireless power transfer	Dr. Thafasal
7	Design of traffic light control system	Dr. ElFattah
8	Modeling and simulation of Photovoltaic systems using MATLAB	Dr. Saidi
9	Speed regulation implementation of a DC motor	Dr. Monji
10	Design of a Solar Tracking System	Dr.Fakher

Graduation projects (Semester S392 - Spring, 2019)

No	Title of project	Supervisors
1	Deep Learning for Real-Time Capable Object Detection and Localization on Edge Computing Platforms	Dr. Zubair
2	Automatic Water Dispenser using Arduino	Dr. Fakher
3	Architecture design of the motion estimation for the HEVC encoder	Dr. Hassan
4	Overvoltage And Under Voltage Load Protection	Dr. Bushara
5	Solar Highway Lighting System	Dr. Abbas
6	Fuzzy Control of twin tank liquid level	Dr. Fazle
7	Computer Control with hand gestures	Dr. Usman
8	Photovoltaic fed induction motor drive system	Dr. Zakaria
9	Emergency Vehicle Controlled Traffic Lights	Dr. Elfatih
10	Automatic irrigation system	Dr. Thafasal
11	Experimental Study of partial Shading Effects on the Performances of Photovoltaic Systems	Dr. Saidi
12	Design of PID controller for controlling speed and position of the motor	Dr. Muneer