

**King Khalid University College of Engineering/ Electrical Engineering
Department Graduation projects (Semesters S411-S412 – 2019-2020)**

Academic Year	Project Title	Project Supervisor
2019-2020 (411-412)	Predictive analytics of blood glucose level from measured heart rate & oxygen saturation in diabetic patients using machine learning	Dr. Zubair
	Arduino Based Color Detector	Dr. Fakher
	Design and Analysis of Industrial Fuzzy Controller	Prof. Dr. Fazle Azeem
	Design of collision detection and warning system	Dr. Fattah
	Energy efficient smart window blinds	Dr. Farrag
	Remote heart rate monitoring system design	Dr. Hany
	Design and implementation of IoT application	Dr. Usman
	Martian autonomous rover design and construction for rough topography drive	Dr. Abdelilah
	Sensorless Speed Control of Three Phase Induction Motor Using MRAS Estimator	Dr. Haitham
	Autonomous Generation Units Planning for a Residential Load Considering Wind Turbines	Dr. Abdul wasay
	Design and implementation of photovoltaic solar panels for security cameras at King Khalid University	Dr. Saidi
	Design and Implementation of Fuzzy Rule-Based Automatic Climate Control Systems	Dr. Muneer
	Design of Video Graphics Array Controller through FPGA	Dr. Hassan
	Optimum Energy Management System	Dr. Abbas