**مشاريع قسم الهندسة الالكترونية للعام الدراسي 2017/ 2018 الدراسة المسائية**

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| **ت** | **اسم التدريسي** | **المشروع**  |
|  | **ا.م.د. خالد عواد حمود** | Hardware implementation of high frequency colpitts oscillator based on BJT amplifier |
|  | **م.د. محمد سلمان صالح** | Design and implementation of mind controlled system |
| Design and simulation of an improved high frequency colpitts oscillator based on BJT amplifier |
| Design and implementation of DC motor speed control system using FPGA |
| Design and implementation of labview speed control system |
|  | **م.د لفته اسماعيل جمعة** | Simulation of Recursive Least Square and PID controllers for Arterial oxygen saturation in neonatal infants |
| Simulation of Recursive Least Square and control for DC motor |
|  | **م.د صلاح حسن ابراهيم** | FPGA implementation of Unsigned Multiplier Based on BCD Decoder |
|  Design and simulation of High-Performance Parallel Multiplier Based on Multiplexer using HDL Code |
|  | **م .د قحطان خلف عمران** | Investigation of logic minimization techniques |
|  | **م.د روكان علي احمد** | Simulation of seven - level shunt active power filter using photovolatication application |
|  | **م. ادهم هادي صالح** | Hybrid error detection and correction method using VHDL |
| Design and simulation OF REED – SOLOMON CODES using HDL |
|  | **م. وسام نجم الدين عبد** | Simulation and coding for Comparative analysis between PSO and ACO for PID controller tuning |
|  | **م. احمد محمد احمد** | Design of multitasks computer network using packet tracer |
|  | **م. اياد قيس عبد الكريم** | Desgin and Implemntation of Audio Amplifier |
| Design and implementation of a remote control mobile robot |
|  | **م.م ابراهيم سعدون فتاح** | Projectile speed measurment based on laser signal |
|  | **م.م حنان بديع احمد** | Intelligent Recognition of Noisy Teeth X-Ray images using NN |
|  | **م.م علي محمد صالح** | Design and implementation of RF signal detector |
| Design and implementation of IOT powerlet |
|  | **م.م عدنان محمد طه** | Simulation of CDMA One forward link using MATLAB |