

Graduation Project ID	Graduation Project Title	University Name
GP2018.R13.2	Design of A Dual-Band Rectenna for RF Energy Harvesting	Minia University
GP2018.R13.3	LIDAR & Camera Fusion With Deep Neural Networks For Autonomous Car Applications	Arab Academy for Science and Technology and Maritime Transport
GP2018.R13.5	Interactive VR environment for surgical planning and training	Cairo University
GP2018.R13.6	Optimus Self Driving Car	Egyptian Electronic Learning University (EELU)
GP2018.R13.7	Cooperative Control of Multi-agent System for Industrial Internet of Robotic Things	Minia University
GP2018.R13.9	Power Factor Correction System (reactive power compensation using STATCOM)	Zewail City for Science and Technology
GP2018.R13.10	Feasibility of Decentralized Wastewater Treatment system/unit for Household level in urban areas	Zewail City for Science and Technology
GP2018.R13.11	Biomedical Brain Signal Processing for Epileptic Seizure Prediction	Zewail City for Science and Technology
GP2018.R13.12	Virtual Keyboard Based On EOG	Ain Shams University
GP2018.R13.13	Printing machine	Cairo University
GP2018.R13.16	SLAM	Minia University
GP2018.R13.17	Edumersive (Simplified courses for kids using mobile virtual reality) □	Cairo University
GP2018.R13.19	Vehicle to Vehicle Communication for Crash Avoidance System	Benha University
GP2018.R13.22	Smart insole	Al-Manoufia University
GP2018.R13.23	Care Point	Cairo University
GP2018.R13.26	Safety Checker	Ain Shams University
GP2018.R13.27	Student life planner	Ain Shams University
GP2018.R13.28	Intelligent ChatBot for Online Shopping	Egyptian Electronic Learning University (EELU)
GP2018.R13.30	Epilepsy Detection	Cairo University
GP2018.R13.33	Raspberry PI Based Tracking System Using GPS, GSM and GPRS Modem	Assiut University
GP2018.R13.36	A reading tutor and Phonetic Spelling for young children	Ain Shams University
GP2018.R13.37	Wireless Monitoring and Actuation Platform for Aquaponics	Ain Shams University
GP2018.R13.39	Neural Sentiment Classification with User and Product Attention	Alexandria University
GP2018.R13.42	Implementation a 4G Communication System Using USRP and GNURadio	The British University in Egypt (BUE)
GP2018.R13.43	Tracking system	Egyptian Electronic Learning University (EELU)
GP2018.R13.45	Automated Timetable Generation	Ain Shams University
GP2018.R13.49	Industrial PLC on FPGA	Ain Shams University
GP2018.R13.53	ASCDS (Automatic Skin Cancer Detection System)	Minia University
GP2018.R13.55	Smart Hand Gesture Controller	Helwan University
GP2018.R13.56	Healthcare Wearable system	Cairo University
GP2018.R13.58	UAV	Cairo University
GP2018.R13.59	Smart railways	Al-Azhar University
GP2018.R13.60	AI Perception and control systems of self driving cars	Suez Canal University
GP2018.R13.61	Monocular vision system (Mobile robot vision navigation)	Assiut University
GP2018.R13.63	Smart Factory:Technology Behind Industry 4.0	Alexandria University

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GP2018.R13.65	IoT Irrigation Monitoring & Controlling System (IoTGrow)	Ain Shams University
GP2018.R13.67	Indoor Localization (Smart Venue)	Ain Shams University
GP2018.R13.69	Hardware implementation of a synthesizable RTL of SNN Neuromorphic computation platform	Zewail City for Science and Technology
GP2018.R13.70	Car Doctor	Al-Manoufia University
GP2018.R13.71	Compression for wireless ECG transmission	Ain Shams University
GP2018.R13.73	Street Lighting	Alexandria university
GP2018.R13.75	Smart Glasses for Blind	Alexandria University
GP2018.R13.78	Eye RA	Helwan University
GP2018.R13.79	Anatomy V-LAB	Benha University
GP2018.R13.80	Plant Care	Al-Manoufia University
GP2018.R13.83	Intelligent Mobile Bus Ticketing System	Cairo University
GP2018.R13.85	Design & Implementation of Encryption Algorithms on Communication Systems using FPGA & LabVIEW	Arab Academy for Science and Technology and Maritime Transport
GP2018.R13.86	Brain Tumor Automated Detection and Segmentation Using Deep Neural Networks	Ain Shams University
GP2018.R13.87	Smart end to end logistic system(SEELS)	Cairo University
GP2018.R13.88	Maximize Energy Harvesting by tuning using variable Stiffness	Cairo University
GP2018.R13.89	Augmented reality for Automotive industry	Benha University
GP2018.R13.90	Bulk Acoustic Wave (BAW) Resonators	Zewail City for Science and Technology
GP2018.R13.91	Software defined radio (SDR)	Cairo University
GP2018.R13.96	Wireless Patient Monitor	Cairo University
GP2018.R13.97	CNN	Cairo University
GP2018.R13.98	Automatic Charging Adjustment via Wireless Message Transmission of a Smart Battery Charger	Arab Academy for Science and Technology and Maritime Transport
GP2018.R13.102	Motion Modeling Using RGB Depth Signal	German University in Cairo
GP2018.R13.103	Smart IOT monitoring system for agriculture using machine learning for early infection detection	Cairo University
GP2018.R13.104	TeleMedCare Suit	Al-Manoufia University
GP2018.R13.106	IoT Platform for Precision Agriculture	Ain Shams University
GP2018.R13.107	Steer By Wire for Autonomous Driving	Ain Shams University
GP2018.R13.108	Smart Urban Vertical Farming	Ain Shams University
GP2018.R13.109	AutoSAR Based Autonomous Driving Applications	Ain Shams University
GP2018.R13.110	Brake-By-Wire for Autonomous Driving	Ain Shams University
GP2018.R13.112	Car Detection for Autonomous Cars	Ain Shams University
GP2018.R13.114	Microprocessor based ECU design and implementation	Ain Shams University
GP2018.R13.116	Designing the digital part of the Physical Layer of the User Equipment (UE) of a Narrow-Band Internet of Things (NB-IoT) LTE transceiver (Transmitter)	Ain Shams University
GP2018.R13.117	Optical MEMS-based gas analyzer for IoT & Automotive applications	Ain Shams University
GP2018.R13.119	Energy Management System for the ASU Autonomous Electric Vehicle	Ain Shams University
GP2018.R13.120	Computer Vision and Neural Machine Interface for Upper Limb Prostheses	Ain Shams University