Electrical Engineering Department
Engineering Projects
Sem2 2023 - 2024

	Students	Supervisor	Project
1	Zhin rashid	Mrs. Sara	Arduino-based Smart Vacuum Cleaner
	Helen ali		
2	Yonan Makseim	Mrs. Lina	Fiber optic network optimization
	Abdullah Ali		
3	Rawan Mohammad Msho	Miss Ibtehal	Automatic Car Wiper Using Rain Sensor and Arduino
	Abdulrahman		
4	Aya zozik	Mrs Meead	
	Rasal Star Omar		
5	Aya Rzgar Abdulrahman	Mrs Roshna	Performing load flow analysis of 14-bus IEEE standards using two simulators
	Lanya Muslih Hussein		
6	Raman Zeravan Majeed	Mr Sarkar	Arduino-based Smart Home System
	Kaveen Muslih Khaleel		
7	Muhammad zyad Hamid	Miss. Nihaya	The impact of Supply Voltage Distortion on the Efficiency of Induction Motors
	Asaad Abdullah qadir		
8	Razaw Ghazi Kareem	Miss. Fatima	The theory of FIR filter design using windowing approach
	Gulstan Amhad Ahmad		
9	Sara Sarbaz Faisal	Mr Khasro	Performance Analysis of various path loss models in 5G cellular Network Using Matlab Simulation
	Lazha Idris Qadir		
10	Rawsht Kamaran Saeed	Mrs. Suzan	Improvement of the voltage of IEEE 9 Bus Power System
	Kamyar Wishyar Ali		
11	Muhammad khattab	Mrs. Banaz	Building a Solar System for Home
	Qaes Amir		
	Sever Siamand		
12	Mzafar Sarbaz Nuraldden	Mrs. Asmahan	Power factor correction in electrical power system by using capacitor bank
	Ahmed Dler Taha		
	Ismail ayub abdullah		
13	Ibrahem wshyar abdullah	Mr. Wafiq	Design of electrical and electromechanical protection devices
	Dersm qader		
14	Hiba jamal Abdullah	Mr. Muhammad Pawez	Controlling and monitoring tank liquid level using microcontrollers
	Huda Raad Mustafa		
15	Sahel Faqe	Mr. Velar	Performance enhancement for wireless communication system using Equalizer
	Khozik Gran		

16	Steeva sarhang	Miss. Maha	Digital Signals in Multipath Rayleigh Fading Channel
	Dawood imad		
17	Muhammad Anwar Muhammad	Mr. Nyaz	Sodium-ion Battery
	Dara Paraw		
18	Bahzad Habeeb Rahem	Dr. Ahmad M.	Sun Tracking Solar Panel
	Balen Saleem		
19	Muhammed ismail khasro	Mr. Azad	
	Mahmood jamal jalal		
20	Sara Fuad Abdullah	Mr. Ahmad Khalid	Arduino-Powered ON/OFF Cycle Calculator for CFL Light Bulbs
	Avan Tarq Akram		
21	Ahmed badrkhan ahmed	Mr Ari	Simulation of Virtual local area network using router on stick technique
	Mohammad Dilshad		
22	Kazyan Kareem Muhammed	Mr. Haidar	Electrical installation of hotel with emergency supply
	Sina Mohammed Rasul		
	Bilal Taha		
23	Avrs Mohammed Hassan	Dr Ahmad Sinjari	Industrial labeling using PLC
	Niga Ahmad Anwar		
24	Ahmad yousif Mohammad	Dr Jamal	Interference Mitigation Strategies for Coexisting 2G, 3G and 4G Networks
	Abdulla tahir maruf		
25	Ahmed qorbane sleman	Dr Sangar	Enterprise Network Design
	Karwan Najat		