

فەرمانی ناوخوای

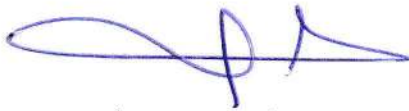
بۆ گشت مامۆستایانی بەشی ئەندازیاری میكانیک و ووزە

ب/ پرۆژە دەرچوونی قوتابیانی قونانی چوار

سلاو وریز...

بە پێ ئەو دەسەلاتە کە پێمان دراوە، بریاردارا بە دا بەش کردنی پرۆژە دەرچوونی قوتابیانی قونانی چوارەمی بە شەكەمان بۆ سالی خویندنی (2023-2022) بە پێ ئەو خشتەیه کە لە لیستی هاوینج کراو هاتوو.

له گهه ریزدا...



پ.ی.د. احمد محمد ادھم

سەرۆکی بەش

2022/9/25



**Technical Mechanical and Energy Engineering Department**  
**Academic Year 2022-2023**  
**Fourth Year Graduation Projects**

#	Group	Student Name	Project Name	Supervisor(s)
1	A	1. Elaf Najih 2. Ahmed Faizullah 3. Muhammed Walid	Designing and Manufacturing a Calorimeter to determine the specific heat capacities of liquids and solid.	1. Mrs. Sheelan Fareeq Abdulwahab 2. Mrs. Reenas Oraha Canoon
2	B	1. Abdulaziz Majeed 2. Asan Muheddin 3. Ibrahim Tawfiq	Experimental Effect of CuO water Nano fluid on the Efficiency of a Stationary Helical Solar Water Heater in Erbil City	Mrs. Reenas Oraha Canoon
3	C	1. Siraj Hakim 2. Vinos Pasha 3. Elaf Abdulrahman	Analyzing Steel Manufacturing Process in MED Steel Company	1. Dr. Diyar Jamal 2. Dr. Zhwan Dlishad
4	D	1. Rour Omer 2. Ramyar Aziz 3. Hoshang Najmadin	Creating a Prototype of Rotary Smart Sun Flower Solar Panel With Smart Road Using Arduino Programing with Uno R3 Along with Using Solar Panel and batries to Store The Energy	1. Dr. Diyar Jamal
5	E	1. Mahmud Luqman 2. Muhammad Yassin	Design and Fabrication of Plate Freezer	Mr. Dastan Zrar Ghafoor
6	F	1. Aynda Farhan 2. Mohammed Ibrahim 3. Mohammed Sherwan 4. Yasir Hassan	Design and Built of an Experimental Apparatus of a Free Convection Heat Transfer from Rectangular Fins Array on a Heated Horizontal Plate.	1. Assist. Prof. Dr. Ahmed Mohammed Adham 2. Mr. Sirwan Farooq
7	G	1. Ibrahim AbuBakr 2. Mohammed Hassan 3. Zerdasht Faacq	Creating a prototype of smart traffic control using Arduino programming with Uno R3 along with necessary sensors.	1. Dr. Diyar Jamal 2. Dr. Ghafur H. Ahmed
8	H	1. Zina Bashdar 2. Jwan Majed	Modeling elastic properties of fiber/epoxy composite materials using Workbench - ANSYS	Assist. Prof. Dr. Younis Khalid Khoshnaw
9	I	1. Dilan Wahed 2. Bniad Kouchr 3. Sivar Saadoon	3D Design of Fuel Station Using AutoCAD and its Control System	Assist. Prof. Dr. Younis Khalid Khoshnaw
10	J	1. Mohammed Omer 2. Rawa Kheder 3. Othman Adel	Numerical Modeling of Single V-Welded Butt Joint in Steel Structure Elements using ANSYS Analysis comparing with the results of physical verification tests	Assist. Prof. Dr. Gailan Ismail Hassan
11	K	1. Anas Luqman 2. Muhammed Aziz 3. Ali Ahmed	Modeling and Manufacturing scissor lift jack	Dr. AbdulRahman B. Shakir
12	L	1. Halkaut Khdir 2. Ballen Hasib 3. Abdullah	Building a Model of Controlling Water Fountain and Light with Music Tune and Bass Level, using Arduino Programing and Uno R3 and Necessary Sensors	1. Dr. Diyar Jamal 2. Dr. Banipal N. Yaqob
13	M	1. Arkan Filar 2. Barz Issa 3. Muhammed Khalid	Using CFD Analysis to Enhance Heat Transfer in Air-to-PCM Heat Exchangers	Mr. Bashir Eskander Kareem
14	N	1. Muhammed Ahmed 2. Aso Fakhradeen 3. Muhammed Kareem	Experimental Study on Performance of Gasoline Engine (Air Resistance and a/c System Effect).	1. Mr. Hindren Ali Saber
15	O	1. Gona Muheddin 2. Rayan Hamadameen	Investigation of Mechanical Behavior of Multilayer Fiber Composite Plates using Ansys	Assist. Prof. Dr. Younis Khalid Khoshnaw

