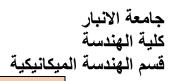


Graduation projects in the Power, Applied and Production specialization for the academic year 2020-2021-

| Student | Supervisor | Projects | | | | |
|--|--|--|--|--|--|--|
| Graduation projects in the Power | | | | | | |
| Muhammad Abdel- Jabbar Jarad | Lec.Mohanad A. Alfellag | Hydrothermal performance of microchannel heat sink using trapezoidal cavities and oval pins. | | | | |
| Zahraa Qutaiba Ammar | Dr. Mohammed G. Jehad | Heat Transfer and Fluid Flow in a Rectangular Duct with Internally Pin Fins | | | | |
| Hanin Jalil Nawar Ibtihal Aziz Mukhlif | Dr. Hamdi Imad Eddin | Thermal design of bream-fin heat sink using contour- extraction-based method | | | | |
| Al-Bashir Abdul Karim Obaid | Dr. Wissam H. Khalil Dr. Amer J. Sharif | GIT and validation data of natural convection inside annular pipe for previous works | | | | |
| Amal Fouad Hussein | Dr. Obaid Talak Fadhil | Design of central air conditioning system for an office building | | | | |
| Maram Azzawi Abdel Latif Heba Sabah Dahham | Dr. Ahmed Ali Najeeb | Numerical investigation of human thermal comfort conditions in the library of engineering college at University of Anbar as a case study | | | | |
| Oqba Khaled Hammadi Yasser Hamid Abd Atwi | Dr. Waleed M. Abed | Numerical study of laminar heat transfer and pressure- drop characteristics in a rectangular duct using ANSYS- FLUENT | | | | |
| Hamid Jadah Nassar | Dr.Saad M. Jalil | Numerical investigation of the pulsatile blood flow in different arteries geometries | | | | |

| Graduation projects in the Applied | | | | | |
|--|---|---|--|--|--|
| Mustafa Nassif Jassim | Dr. Mazin Yasseen Abbood | A study of dynamic buckling of moving tubes | | | |
| Doaa Muhammad Ayed Zubaida Abdul Karim | Dr. Khaldoon Fadhel Dr. Ghalib R Ibrahim | Finite element design of load cell | | | |
| Jameel Hussein Siddiq Youssef | Dr. Khaldoon Fadhel Dr. Ghalib R Ibrahim | Limit load analysis of beams using SolidWorks | | | |
| Hassan Majeed Hamid Qali Ahmed Hussein | Dr. Khaldoon Fadhel Dr. Ghalib R Ibrahim | Dynamic Analysis and Control of a Quarter-Car Suspension | | | |
| Laila Zakir Sabti Haneen Munther Mahdi | . Dr. Arz Yahy | Numerical investigation of shear lag load transfer in a partially failed directional composites surgical suture under axial loading | | | |
| Zahraa Basit Ayed Sama Omar Abdulaziz | Dr.Ahmed N. Uwayed | Dynamic analysis of carbon nanotubes micro-beam structures | | | |
| Shahid Ahmed Hanshal Amna Ghalib belt | Dr.Riah N. Katar | Design of landing gear for small aircrafts | | | |





| Graduation projects in the Production | | | | | | |
|---|--------------------------------|---|--|--|--|--|
| Muhammad Syrian Jameel | Abdul Sattar Ahmed Abdullah | The initial costs of establishing a modern blacksmith factory | | | | |
| Omar H. Muhammad Abdul Rahman Muhannad Abdul Jabbar | Abdul Sattar Ahmed Abdullah | Evaluate and choose the best project from a group of projects | | | | |
| Mustafa M.Khalifa Omar Ahmed Mahmoud | Dr. Kadhum Ahmed Abed | Non-parametric reliability prediction model based on performance degradation | | | | |
| Juhayna Nasser Hadi Riam Abdullah Chiad | Dr. Sattar Abed Mutlaq | Flexible Job shop scheduling Operation by Genetic Algorithm | | | | |
| Walid Ziad Mahdi Aws Abbas Hashem | Dr. Kadhum Ahmed Abed | Semi-parametric reliability prediction model based on performance degradation | | | | |
| Taiba F. Muhammad Ghada O. Ali | Dr. Zinah Juma Ahmed | Consideration of the Evaluation of Metal Removal Rate | | | | |