

**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 Jameel	Dr. Khaldoon Fadhel Dr. Ghalib R Ibrahim	Finite element design of load cell
	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