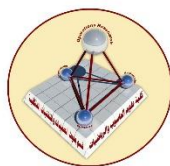




# University of Mosul

## College of Computer Science and Mathematics

Department of Operations  
Research and Intelligent  
Techniques



**Names of Graduation Projects for the Fourth Stage**  
**For the Academic Year 2024-2025**

Se	Instructor's name	Project Name	Student names
1	Dr. Naam Abdul Munim Abdul Majeed	Finding the Shortest Path for the Transportation Problem Using Multi-Objective Linear Programming	Rahma Musa Hadi + Inas Khalaf Hassan
2	Prof. Huda Esam Ahmed	Finding Optimal Solutions for Nonlinear Problems Using the Eagle Algorithm	Safana Ismail Muhammad + Tayba Riyadh Ghazi
3	Prof. Iman Tariq Hamid	Cat and Mouse Based Optimizer Algorithm	Anas Ashraf Abdul Haq + Rahma Younis Eyadan
4	Dr. Hathifa Hazim Taha	Using MLP Networks for Prediction	Ahmed Muhammad Ali + Rahma Muhammad Bashir
5	Dr. Adi Abdul Rahman Jirjis	Data Envelopment Analysis Using Software with Application to the Educational Sector	Hussam Adnan Fakhri + Rafqa Nashwan Mustafa
6	Dr. Saleh Muayad Shaker	Estimating the Mediating Effect in Regression Models	Aya Jassim Muhammad + Doha Ziyad Muhammad
7	Dr. Zahra Abdul Aziz Taher	Equations and Their Applications	Raghda Marwan Sarhan
8		Probability Distributions and Their Applications	Salih Muhammad Hamid + Tayba Muhammad Qasim
9	Dr. Manal Salem Hamdi	Laplace Transforms with Application	Abdullah Qahtan Khattab + Jameela Yahya Qasim
10	Dr. Zeinab Tawfiq	Quality Control Charts for Attributes with Application	Ridwan Khalid Abdul Rahman + Muhannad Tariq Muhammad
11		Using Quality Control Charts - Moving Average Chart with Application	Duaa Khalid Rawdan + Najla Hikmat Yousif

12	<b>Dr. Muhammad Ahmed Shaaban</b>	<b>Finding Optimal Solutions Using the Bee Algorithm</b>	<b>Najeeb Ghazi Owaid + Hadeel Ahmed Muhammad</b>
13		<b>Queueing Models in Performance Monitoring and Improvement (Applied Study)</b>	<b>Ruaa Ali Hussein + Hamsa Rafid Muthir</b>
14	<b>L. Saif Al-Din Zia Al-Din</b>	<b>New Estimators for the Ratio Using Robust Regression</b>	<b>Amani Khalid Hamid + Noor Muhammad Taha</b>
15	<b>L. Asmaa Abdul Munim</b>	<b>Manual Simulation of the Newspaper Vendor Problem</b>	<b>Zakaria Luqman Satam + Abdul Salam Ali Mukhlif</b>
16	<b>L. Mazen Muhammad Ghanim</b>	<b>Negative Binomial Regression Model with Application</b>	<b>Abdul Hakim Luqman</b>
17	<b>L. Ahmed Nazih Abdullah</b>	<b>Variable Selection in Logistic Regression Models Using Particle Swarm Optimization</b>	<b>Muhammad Fadl Jassim + Noura Najm Abdullah</b>
18		<b>Comparing Models to Select the Best Proposed Parameter</b>	<b>Dalal Alaa Muhammad + Sara Salih Muhammad</b>