Fourth-year students at the College of Education for Pure Sciences and supervisors of (BSc) graduation projects for the academic year 2020-2021

NO.	Supervisor name and academic titles	Name of the students	Research project title
1	Prof. Dr. Abdul Rahman Salman	Ahmed Jalal Saab Fayad	A study on defective integrals using sediment theory
2	Ass.Prof. Dr. Alaa Mahmoud Farhan	Amani Mahdi Saleh Ahmed	Some important methods for generating topological spaces
3	Instructor Fawzi Nouri Nassar	Ghadeer Yousef Saleh	Compact spaces
4	Instructor Fawzi Nouri Nassar	Omran Mithaq Taleb	Isomorphism groups
5	Ass. Lecturer Maymoon Ibrahim	Fatima Khalaf Munshid	Triple Integration and its Applications
6	Dr.Mohamed Yousif Turki	Omar Mohamed Bahjat Youssef	Numerical solutions to differential equations.
7	Dr.Mohamed Yousif Turki	Omar Kamal Jubeir	Some numerical methods for solving nonlinear equations
8	Dr.Ali Abed Mutlaq	Saeed Jubeir Awaid Ghadeer	Integral equations
9	Ass. Prof. Dr. Alaa Mahmoud Farhan	Ehab Awad Makhlaf	On Soms Characterizations And Fundamental Properties Of Bases And Sub Bases In Topological Spaces
10	Dr.Ali Abed Mutlaq	Lubna Manna Abd	Finding the integrals using numerical analysis
11	Prof. Dr. Abdul Rahman Salman	Othman Majed Hamad Onaizi	Sequences and complex series
12	Ass. Lecturer Mona Hussein Ali Mahmoud	Ali Hussein	Some applications of differential equations
13	Ass.LecturerMustafa Ibrahim	Hala Ahmed Sakin	Linear Ordinary Differential Equations of the Higher Order
14	Prof. Dr.Mustafa Ismail	Karam Fouad Saray	Restricted least squares estimator
15	Ass. Prof. Dr. Alaa Mahmoud Farhan	Aya Ahmed Jassim	APPLICATIONS OF SUB-SPACES IN METRIC AND TOPOLOGICAL SPACES
16	Ass. Prof. Dr. Majed Mohamed Abdel	Ahmed Mahal Awwad + Shoaib Khaled Hassan	Malfunctions and some models
17	Ass. Lecturer Maymoon Ibrahim	Muhammad Khalil Khalaf + Muhammad Hamid Abd Rashid	Convergence and divergence in real sequences and series

18	Prof. Dr.Mustafa Ismail	Hanin Ahmed Abdullah + Baha Jamil Muhammad	Studying the greatest possibility method and its properties in estimating parameters
19	Ass. Prof. Dr. Firas Shaker Mahmoud	Zainab Khalil Rajab Hamdan	Using time series as statistical methods to predict the number of infected population
20	Dr.Ali Abdel Mutlak	Amer Abdel Fattah Mauloud	Some differential equations that lead to linear equations
21	Ass. Prof. Dr. Firas Shaker Mahmoud	Rasul Mohamed Khalaf	System reliability theory
22	Ass. Prof. Qassem Hussein Allawi	Asra Zeidan Khalaf	Ordinary differential equations of higher orders and their applications
23	Ass.Prof.Dr.Firas Shaker Mahmoud	Ayman Nassif Jassim	The difference between linear regression and logistic regression
24	Dr. Ali Abed Mutlaq	Mustafa Taha Odeh	Integral Equations
25	Ass. Prof. Qassem Hussein Allawi	Israa Ahmed Shukr Hammoud	Partial differential equations of the first order
26	Ass. Prof. Dr. Majed Mohamed Abdel	Othman Khalil Saleh	Matrix groups and symmetry
27	Dr.Osama Youssef Abd	Duraid Mohamed Ahmed	Finding the roots of non-linear equations with one variable
28	Ass. Lecturer Maymoon Ibrahim	Mohamed Sattar Hamid	Using Laplace Transforms in Solving Ordinary Differential Equations
29	Ass. Lecturer Mona Hussein Ali	Abu Bakr Ammar Saadoun	The numerical solution to elementary value problems
30	Dr.Mohammed Yousif Turki	Imad Jassam Abd	Using some numerical methods to find the definite integral
31	Ass. Prof. Dr. Firas Shaker Mahmoud	Zahra Khaled Farhan	Failure models in dependency theory.
32	Instructor Fawzi Nouri Nassar	Al Zubair Raed Hamid + Aseel Tariq Khalil	The basic properties of the ring morphology
33	Ass. Lecturer Duraid Mohamed Ahmed	Bilal Salam Obaid Ibrahim	Some numerical methods for solving nonlinear equations
34	Dr.Osama Yusuf Muhammad	Mustafa Daoud Salman + Ali Salah	Laplace transforms and their applications
35	Ass. Prof. Dr. Muthanna Abdul Wahed	Zina Nafeh Khalaf Farhan	Studying the properties of the nitrophic ring or the nithron
36	Dr. Mohammed Yousif Turki	Ali Abed Khalif Tarfa	Curve fitting / least squares method
37	Dr.Nadia Ali Nazim	Rahma Walid Awad	The homeomorphism functions in topological space
38	Dr.Mohammed Yousif Turki	Firas Jaber Hamrin	Methods of insertion and completion in numerical
39	Dr.Nadia Ali Nazim	Ruqayyah Hashem Ahmed	Continuous functions in metric space

40	Ass. Prof. Dr. Muthanna Abdul Wahed	Sorour Omar Mukhlif	Master the properties of the nitrophic ring or nithron
41	Dr.Mohammed Yousif Turki	Maimoona Rashid Khalaf	Direct and Indirect Methods of Linear Systems for Solving Numerical Partial Equations
42	Dr.Osama Youssef Mohamed	Abdel Karim Ahmed Ali	Homogeneous and inhomogeneous ordinary differential equations of the first order and their applications
43	Instructor Fawzi Nouri Nassar Omar	Falah Farhan	Real-life applications using the Laplace transform
44	Ass.Prof.Dr.Firas Shaker Mahmoud	Ruqaiya Amer Ali Abd	Managing and analyzing dependency data
45	Dr.Ali Abed Mutlaq	Suhaib Dawood Talak	Complete Ordinary Differential Equations
46	Ass.Prof.Dr.Muthanna Abdul Wahed	Saji Muhammad Khudair	Study of properties of Artinian Ring
47	Ass. Prof. Dr. Alaa Adnan Awwad Doaa	Jalal Khalil Ibrahim	Convergence sequence in normal spaces
48	Ass.LecturerAnfal Ashour Hamed	Nusseibeh Qusay Hamid	The effectiveness of the Adelson model in the achievement of second-grade intermediate students in mathematics in Iraq
49	Dr. Nadia Ali Nazim	Lakaa Nader Abdel Karim	Compact and lindelof spaces in topological spaces
50	Ass. Prof. Dr. Muthanna Abdul Wahed	Saji Ali Hamad	Principle ideal in the ring theory
51	Prof. Dr.Mustafa Ismail	Diana Thabet Obeid Jarad	Liu estimator with applications
52	Ass. Prof. Dr. Muthanna Abdul Wahed	Saja Ayed Mayouf Abdul	Study of properties of Artinian Ring
53	Dr. Mohammed Yousif Turki	Sana Abbar Hamad	Direct and indirect methods of linear systems for solving numerical differential equations
54	Ass. Prof. Dr. Alaa Adnan Awwad	Asma Sarhan Abd	linear operators in normed space
55	Ass. Lecturer Mona Hussein Ali	Marwa Khaled Hussein	Numerical methods for solving nonlinear one-variable equations
56	Ass. Lecturer Anfal Ashour Hamed	Nour Ziad Abdel Razzaq	The effectiveness of the Adelson model in the achievement of the second intermediate grade students in mathematics in Iraq
57	Ass. Lecturer Maymoon Ibrahim	Muhammad Taha Ayed	Solving Ordinary Differential Equations Using Laplace Transforms
58	Dr.Ali Abed Mutlaq	Ali Khaled Awad Hammadi	Using Laplace Transforms to Solve Ordinary Differential Equations

59	Ass. Lecturer Anfal Ashour Hamid	Ahmed Qassem	The obstacles that mathematics teachers face in teaching engineering to middle school students in Iraq
60	Instructor Abdul Sattar Ismail	Haitham Saud Ibrahim	Semi-open groups in topological spaces
61	Ass. Prof. Dr. Alaa Mahmoud	Farhan Aseel Shaker Fares	On continuous functions in topological spaces and their applications
62	Ass.Prof.Dr.Alaa Adnan Awwad	Shaker Muhammad Rafi	Study compactness and finite dimension spaces
63	Ass. Prof. Dr. Muthanna Abdul Wahed	Saher Ali Khader	Principle ideal in the ring theory
64	Ass. Prof. Dr. Majed Muhammad Abed	Shahd Rasam Bardan	About Matrices and Loops
65	Ass. Lecturer Mustafa Ibrahim	Nour Fouad Saray	The relationship between the binomial distribution and the normal distribution
66	Prof. Dr.Mustafa Ismail	Tabarak Ahmed Awad	Logistic regression
67	Instructor Abdul Sattar Ismail	Hind Khamis Ahmed	Drawing in Matlab with Graphical User Interface technology
68	Dr.Ali Abed Mutlak	Ammar Hammad Mutlak	Solving nonlinear differential equations of the first order
69	Ass. Prof. Dr. Alaa Adnan Awad	Ahmed Youssef Aliwi	on orthogonal complements and direct sums
70	Ass. Prof. Dr. Alaa Adnan Awad	Ahmed Ali Saadoun	Sequence in metric space
71	Ass. Prof. Dr. Majed Mohamed Abdel	Ezzeldin Sami Bedewi	Matrix group and symmetry
72	Instructor Fawzi Nuri Nassar	Omar Muhammad Abd	The group and its forms
73	Instructor Abdel Sattar Ismail	Youssef Rahim Mayouf	Solve Single And Multi Objective Optimization Problems Using Genetic Algorithm Solver in Matlab
74	Instructor Abdul Sattar Ismail	Younes Thanoun Younes	Solving single- and multi-objective optimization problems using genetic algorithms
75	Dr.Ali Abdel Mutlaq	Abdel Qader Abdel Fattah	Memorizing values and reconciling polynomials
76	Ass.LecturerMontaser Ismail	Maryam Ibrahim Jiyad	Solve the linear wave equation using the Banach contraction method
77	Ass. Prof. Dr. Alaa Mahmoud Farhan	Rand Iyad Aziz Muhammad	On homeomorphism in topological spaces and it is applications

78	Ass. Prof. Qassem Hussein Allawi	Mohamed Sarrouh Mohamed	Homogeneous partial differential equations with constant coefficients and their applications
79	Ass. Lecturer Duraid Mohamed Ahmed	Asma Waheed Hussein	Programming some direct and iterative methods
80	Ass. Lecturer Montaser Ismail	Ahmed Jamil Abdullah	The method of eddomian decomposition for solving differential equations
81	Dr.Ali Abdul Mutlaq	Abdul Rahman Salam Abdul	For homogeneous linear ordinary differential equations with constant coefficients
82	Dr.Ali Abed Mutlaq	Taha Faeq Farhan Jassim	Linear Ordinary Differential Equations
83	Dr.Osama Youssef Mohamed	Abdelaziz Salem Ghaleb	Ordinary Differential Equations
84	Ass.Prof.Dr.Qassem Hussein Allawi	Qatada Karim clinic	Using Laplace Transforms in Solving Molecular Differential Equations.
85	Ass. Prof. Dr. Qassem Hussein Allawi	Esraa Noman Khairy	Ordinary differential equations of the first degree and the first order and their applications
86	Ass. Prof. Dr. Alaa Mahmoud Farhan	Saleh Ali Ahmed Ali	Some fundamental properties of interior, exterior and boundary points of sets in topological spaces
87	Ass. Prof. Dr. Alaa Adnan Awwad	Ahmed Abdul Rahman Odeh	Linear operators and functional on finite dimensional space
88	Dr.Nadia Ali Nazim	Fatima Khader Radi	The connected space in The topological space
89	Dr.Osama Yusuf Muhammad	Ali Muhammad Jamil	Principles of Partial Differential Equations and Fourier Series
90	Ass. Prof. Dr. Majed Muhammad Abed	Shuaib Khaled Hassan	For the morphology and some modules
91	Ass. Lecturer Maymoon Ibrahim	Muhammad Ibrahim Khazal+Mohamed Khalil Ibrahim	Polar coordinates and their applications
92	Ass. Prof. Dr. Majed Muhammad Abed	Sherine Jamal Ali	General characteristics of projective measurements
93	Dr.Osama Youssef Mohamed	Imad Abdel Rahman	Principles of Partial Differential Equations and Fourier Series
94	Dr. Mohammed Yousif Turki	Omar Sinjar Erzeg	Methods of inclusion and completion in numerical analysis
95	Ass. Lecturer Anfal Ashour Hamed	Mohammed Khamis Hamad Shehaza	The effectiveness of the Zahorek model in the achievement of first-grade intermediate students in mathematics