

**Fourth-year students at the College of Education for Pure Sciences  
and supervisors of (BSc) graduation projects for the academic year  
2022-2023- Morning studies**

No.	Student's Name	Supervisor Name	Project's Name
1	Ahmed Mostafa Ayyash	Alaa Mahmoud farhan	Some characterization of open and closed mapping in homomorphic topological spaces.
2	Mashaan Hajim Khalifa		A study of several fundamental properties of bases and sub bases in topological spaces
3	Tukaa Naima Rashid		On limit points and closure of sets in topological spaces
4	Sarah Star Mohammed		Some fundamental properties of dense sets and separable spaces.
5	Iman Haithm Abdul Rahman		The solution to the partial differential equation by Fourier series
6	Ayman Mohamed Ismail		The methods of solution to the exact differential equations
7	Khansaa Khairullah Rahim		The methods of particular solution to the linear ordinary differential.
8	Raghad Khamis Ahmed	Ali abed Mutlaq	The effect of cooperative learning in teaching mathematics on the achievement of first intermediate school
9	Assel Emad Abedalla		The effectiveness of differentiated education in improving the level of motivation towards learning mathematics of the second average
10	Arwa Khaled Sadeq		The importance of training courses to develop skills
11	Saba Abdul Sattar Karim		Nonparametric tests
12	Sabreen Abdul Salam Jassim		Rung kutta and Taylor series methods
13	Safa Trad Jazaa Musa	Anfal ashore hamid	Randomized trial design
14	Ibrahim Naama Kazem		On compactness and finite dimensional in normed spaces
15	Saad kais muthher		Properties of inner product spaces
16	Abdul Mohaimn Jameel		Study kind of sequences in the normed spaces
17	Nibras Husain ali		On convergence sequences in the metric spaces
18	Saja Khalid majid		On Essential sub modules.
19	Ali Khalil sabah		Some properties of finitely generated modules.
20	Ahmad mihadi khalifa	Mustafa esmaiel naif	Description of semisimple modules.
21	Hasn sagar farhan		Principal ideal in the ring theory.
22	Basil fream muhamad		Application on the differential equations
23	Raed ehsan Abdulla		
24	Ruba taki taha		
25	Ahmad sadik abdulkarim		
26	Rafl karim ahmad		
27	Amar nasir jamil		
28	Fidae mhasen suid		
29	Zainab Othman salim		
30	Ali shehab jasim		
31	Aiman Khalid salih		
32	Muhamad sabty jumea	Majid Mohammad abd	
33	Ahmad miklif hardan		
34	Hamza Ahmad tohman		
35	Kufran saedon muhamad		
36	Maha nuhad rahil		
37	Maimona khamis jasim		
38	Noor anwar Rashid		
39	Khadija bashir muthehi		
40	Thamiae nori zkair		
41	Ahmad salman Ramadan		

42	Mahmoud muafak ebrahim	Osama yousif Mohammed	
43	Rwaid hikmat fadil		Matrix's space
44	Marwa jasam muhamad		Using Laplace transformation to solve initial value problem
45	Nabae bashar abdulkarim		Repetitive methods to solve linear equation system
46	Omar aaid elawi		
47	Adnan badir muhamad	Mohammad Yusuf turkey	Numerical integration
48	Fatma qassim hmuod		Numerical solution to linear equation system
49	Mustafa gamin awad		Three steps Adams method for solving first ordinary differential equations
50	Rami muhamad hasan		
51	Shiruq adil nwraz		
52	Aya mishehen abdulwahid	Nadia ali nathum	Compact spaces in topological spaces
53	Fatma adnan awaid		Continuous and homeomorphism function in topological spaces
54	Raswul salman mahdi		Separation axioms in topological spaces
55	Jaefar sadik daikh		
56	Saja ahmad ebrahim		
57	Safa bashar salman	Qassim Hussein alawi	Laplace transformation and its applications
58	Saad yasin fadil		The partial differential equations of order n
59	Muatafa khalaf bardan		The ordinary differential equations of second order and its applications
60	Abdulmalik faek shakir		The Fourier Series and its applications
61	Muhanad muhamad muslih		The ideal's on a ring of some kind
62	Alae lutfi saiah		The Rings and its isomorphism's
63	Amna salah hasan		The prim Group and silo theorems
64	Marwa mahir abd		The Groups and its isomorphism's
65	Huda zamil kamil		
66	Aliae nadum hamudi		Muthana abdalwahid Mahmoud
67	Mikat falah hasan	The solution to the linear homogenous ordinary equations of order n	
68	Alae abdula aukla	The Rings and its isomorphism's	
69	Asmae muhamad hussain		
70	Ahmad muhamad farhan		
71	Anam satar farhan		
72	Ebtihal awad abaid		
73	Hajir hammed ali		
74	Eiman hazim daham		
75	Sulaf ahmad Abdulla		
76	Muhammad ahmad abd	Fawzi nori nasar	Numerical solution to differential equations
77	Abdul hakim amer aisa		Eigen values , Eigen vectors and its applications.
78	Zahrae hani abd		Laplace transformation to solve the ordinary equations
79	Muhamad yihia ashor		
80	Gaith aied lafi		
81	Walid Khalid talib	Mona Hussein ali	
82	Firdus shaelan kazai		
83	Luma baker muahed		
84	Obaid ali adil		
85	Eysa khamis elawi		
86	Ali emad meteb		



87	Mustafa tarik abduljalil	Mustafa Ibrahim hamid	Some methods of solving ordinary differential equations of first order and first degree	
88	Munther abas alawi		Some applications of ordinary differential equations	
89	Yuser abd bashir			
90	Yusuf ayid Yusuf			
91	Mustafa hasn sweed			
92	Yasein majid mlihan	Abdukstar esmaeal wdaa	Solving some homogenous and inhomogeneous linear ODE of n order with constant coefficients	
93	Akram asaf hamid		Find optimization for linear and non linear equations using C++.	
94	Anas abd saeid		GPS for surveying.	
95	Ahmad abduljabar salih		Laplace transformation to solve the partial differential equations	
96	Omar yasein taha		Muntasir esmaeal edwan	Analysis and numerical solution to initial value problems
97	Ali hafith jasim	The solution to the linear differential equation by TAM		
98	Omar khamis hamid	Repetitive methods to solve the partial differential equations		
99	Ebtihal katib abad	Furas shakier Mahmoud		Causes and methods of treatment for the problem of homogeneity –non-variance hypothesis of the random variable
100	Abdulrahman yasir shakir			Use image variables in gradient
101	Duae Mahmoud rzaiq		Reasons for regular and irregular prediction using neural networks	
102	Safana hatim abd			
103	Sura saad suliman			
104	Abdulla ali Hassan			
105	Abdulkafor hatam hamid			
106	Tariq Muhammad fadil			
107	Salih khalaf midher			
108	Abdulrahman yasin Abdulla			
109	Abdulrahman faisal khlif			
110	Abdulla Muhammad marhon			



**Fourth-year students at the College of Education for Pure Sciences and supervisors of (BSc) graduation projects for the academic year 2022-2023**

**Evening studies**

No.	Student's Name	Supervisor Name	Project's Name
1	Mahmoud Mohamed Khalifa	Abdurrahman Salman Juma	The analytic functions and its application in Integration
2	Sorour Khaled Dhari Hamid	Alaa Mahmoud farhan	On some basic properties of relativized topological and metric spaces
3	Abdullah Rahim Jigan Howish		
4	Sarah Mahmoud Khalaf Hammadi	Ali abd mutlak	Study of homogeneous linear partial differential equations with homogeneous border
5	Shaima Farhan Mehdi Saleh		
6	Bareq Essam Jassim Mohammed	Anfal ashor hamid	The effectiveness of the Adhesive model in the productive thinking of stage students middle school in Iraq
7	Omar Ahmed Omar Abd		
8	Ibrahim Saleh Dabab Faihan	Mustafa esmaiel naif	Jackknife and Bootstrap methods.
9	Ahmed Adnan Suleiman Obaid		
10	Ahmed Nagy Musharraf Saleh	Alaa adnan awad	Study linear operator in metric spaces.
11	Younis Youssef Khalaf Amer		
12	Arkan Khamis Freih Hammoud	Majid Mohammad abd	The study of ideals in the Neothera episode.
13	Mustafa Mahmoud Hamid Bakr		
14	Roqaya Ziyad Ramadan Hassan	Mohammad Yusuf turkey	Some numerical methods for solving nonlinear equations.
15	Muhannad Karim Zidan Khalaf		
16	Sirry Nazim Rashid Mohsen	Qassim Hussein alawi	Some methods of solving ordinary differential equations and their applications.
17	Narges Ahmed Gomaa Abd		
18	Talal Thamer Muhammad Badawi		Solving Partial Differential Equations Using the Laplace Transformation Method
19	Mahmoud Ibrahim Mohamed	Nadia ali nathum	Interior , exterior and boundary of sate in topological spaces
20	Amjad Abdel Hamdan Mahmoud		
21	Qasim Muhammad Bilal		
22	Shahd Oqba Nafie Abdo	Muthana abdalwahid Mahmoud	Rotating groups and their properties
23	Yakin Maher Karim		
24	Soha Mohamed Khalaf	Osama yousif Mohammed	Numerical methods for solving linear equations.
25	Nadia Hamdan Abed Fahd		
26	Saeed Khashan Mikhlif Shallal	Mona Hussein ali	Finding the values of integrals using numerical methods
27	Saif Fakhry Gharbi		
28	Jamal Duraid Awad Hammadi	Muntasir esmaeel edwan	Analytical Solutions to Homogeneous Differential Equations
29	Ali Zakir Hatem Hammad		
30	Ali Tariq Jacir Battah	Mustafa Ibrahim hamid	Solving Differential Equations Using Laplace's Method
31	Muhammad Ayoub Suleiman		
32	Adel Othman Fatyan Fathi	Furas shakier Mahmoud	Causes and methods of treatment for the problem of the autocorrelation hypothesis in the regression model.
33	Qasim Abdul Sattar Fadel		
34	Omar Hakki Ismail Hamza	Fawzi nori nasar	Open and closed functions in topological spaces.
35	Falih Muhammad Falih Hassan		
36	Ali Mohsen Ali Obaid	Abdukstar esmaeel wdaa	Matrices and their economic and electrical applications
37	Ammar Thamer Hammadi		

