



College of Education for Pure Science – Biology Department (DBI)

Graduation projects in 2021- 2022

Lecturer name	Name of project	First Student	Second Student
Prof. Dr. Mohammed Saeed Faisal	Effect of water gel on plant growth	Duaa Khalid Mohammed	
	Effect of salt stress on plant growth	Anfal Abdulkareem Mostafa	
	Effect of drought stress on plant growth	Salma Salih Abdulqader	
Assist. Prof. Dr. Shafaa Mahdi Salih	In vitro production of haploid Plants	Aaed Aaft Suliman	
	<i>Saliva officinalis</i> , its medical importance and its response to plant tissue culture	Rusul Hekmit Fathi	
	Preservation of plant germplasm	Amal Waleed Hussein	
Prof. Dr. Asmaa Abdulaziz Ali	Application of <i>Lactobacillus rhamnosus</i> GG against infection with some parasitic diseases	Braa Shehab Ahmed	Shaymaa Omar Mohammed Salih
	Effect of <i>Lactobacillus acidophilus</i> , <i>L. casei rhamnosus</i> , <i>L. casei casei</i> on some parasitic diseases	Amnia Ali Najm	
	Application of ultrasonic waves against infection with <i>Giardia lamblia</i>	Noor Alhuda Idrees Dhaher	
Prof. Dr. Adnan Mosa Mohamed	Use of PCR technique in investigation of insects in stored cereals and their industrial products	Asma Emad Faisal	
	Use of nanomaterials in controlling harmful insects	Sabreen Husam Aldeen Ameen	Huda Yaqoub Yousef

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Dr. Shaymaa Mohammed Hisham	Role of insects in forensic medicine	Reem Zuhair Abd-Alghani	Najwa Saad Mahmood
	The economic importance of <i>Trogoderma granarium</i> Everts and Methods of their control	Ahmed Yaseen Ibrahim	
	The economic importance of The red flour beetle and Methods of their control	Mohammed Nabeel Khuder	
Prof. Dr. Ameer Mahmood Taha	Gastric ulcer	Amera Marie Khaleel	Zahraa Anwar Hassan
	Osteoporosis	Raghad Khalid Mohammed	Sabreen Khader Fathi
Lec. Waffaa Essam Abdel Qader	Phytoremediation	Suliman Ihsan Azeiz	Ghadeja Taha Mohammed Salih
	Pollution with heavy metals	Ali Hussein Ali	
	Water pollution	Asala Lazim Hussein	
Dr. Rana Khalid Ahmed	<i>Pseudomonas aeuroginosa</i> and their virulence factors	Amina Faris Salim	
	The beneficiary bacterium Probiotic	Hadeel Mohammed Yaseen	
	Skin infections and bacteria causing them	Abdulla Khaleel Mohammed	Ayman Basim Mohammed
Dr. Muna Omar Mohammed	Pollen grains and their importance in taxonomic studies	Saja Faris Saeed	
	Alkaloids , types, uses, and their importance in taxonomic studies	Raghad Shamel Younis	
	Phenolic compounds and their uses in plant taxonomy		
Lec. Noor Nabeel Yahya	Anatomical indicators in plant taxonomy	GHufran Abdel Hameed Ahmed	Rushed Huthaifa Shaker
	Cucurbitaceae	Worod Ammar Ali	Rana Talib Mohammed

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Prof. Dr. Shimal Younis Abdulhadi	Biodiversity of big fungi in Nimrud District – Mosul-Iraq	Ahmed Khalid Mohammed	
	Dung fungi	Aya Tarik Mohammed	
	Kojic acid, nutritional and medicinal importance and synthesis conditions from fungi	Mohammed Mohsen Ameen	Taghreed Ibraheem Mohammed
Assist. Prof. Dr. Baidaa Abdul Aziz Mohammed Salah	Congenital malformations	Haneen Nazar Abdulrazzaq	Maryam Marwan Azhar
	Effect of Antidepressants on pregnancy of mammals	Zena Aamer Abdulla	
	Effect of thyroid gland abnormalities on pregnancy	Muna Meqdad Zakr	
Dr. Huda Saber Khalaf	Diabetic ketoacidosis	Othman Hasan Mahmood	Khaer Allah Waad mohaed
	Food supplements	Safa Mudhfar Luqman	
	Antioxidants	Dalia Darwesh Hasan	
Lec. Hanan Ameer Abdullah	Role of potassium in plant nutrition and some physiological aspects	Sara Abdulrazzaq Mohammed	
	Role of phosphorus in plant growth and some physiological aspects	Reneen Nawaf Abdulkareem	
	Salinity and effect on plant growth and some physiological aspects	Ali Faesal Akram	
Lec. Noor Ameer Mohammed Ali	Pleurotus ostreatus	Luma Ahmed Hasan	
	Pathogenic fungi of insects	Duaa Wahab Mohammed	
	Illuminant fungi	Shaymaa Saleh Sultan	Jasim Basil Jasim

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Dr. Nawar Talal Hamed	Helicobacter pylori	Wijdan Shaker Slo	
	Bacteria causing diarrhea	Azeeza Mukhlef Ibrahim	
	Bacteria causing respiratory infections	Salwa Salwan Khaleel	
	Salmonella	Mohammed Falah Ahmeed	
Assist. Prof. Dr. Raad Hassani Sultan	Vitamins	Sara Mohammed Fathi	
	Down syndrome	Najwa Nazar Ablhad	
	Proteins	Dhia Aldaeen Ammar	
	Salmonella	Mays Nazzar Mohammed Jalal	
Dr.Ghazwan Qasim Hasan	Human genetics	Hajer Talal Gharby	
	Genetic transcription	Abdulrazzaq Moneb Abdulrazzaq	
	Regulation of gene expression	Amena Khalid Jasim	
	Genetically modified organisms	Abdulrahman Ibraheem Hmood	
Lec. Alaa Taha Younis	Typhoid Fever	Zahraa Ammar Ahmed	Shaymaa Waleed Najm
	Tonsillitis	Rasha Khalaf Jomaa	
	Diphtheria	Ayman Shehab Ahmed	
Assist. Lec. Ahlam Ahmed Shehab	Figs and Olives	Shaymaa Salih Mahmood	
	Brocade plant	Ameera Ahmed Fadhel	
	Antioxidants : Green tea	Maha Joma Ramadhan	Ahmed Mahmood Ahmed
Lec. Reem Adnan Abdulrazzaq	Recycling of domestic garbage	Haneen Dhaker Mohey Aladeen	Ghofran yahya Ghazi
	Sewage water	Asala Saleh Mohammed	
	Renewable energy and its effect on environment	Dhua Barhawi Mostafa	

Dr. Amaal Abdulilah Younis	Diabetes mellitus	Rayan Shouaib Homaddi	Ahmed Ibrahim Jajan
	Prolactin	Zainab Salman Daood	
	Breast cancer	Hejran Shehab Ahmed	
Lec. Mohammed Zaghlool Saeed	A study on isolation and identification of <i>Shigella</i>	Ehab Moayed Mohsen	
	A study on isolation and identification of <i>Listeria monocytogenes</i>	Amina Waadallah Dhaab	
	A study on isolation and identification of <i>Proteus mirabilis</i>	Meead Naamat Jafar	
Dr. Banan Rakan Abdulaziz	Thyroid gland	Samah Ali Khuder	
	Some pathogenic laboratory tests of blood	Hadeel Adnan Idrees	
	The fifth nerve	Duaa Amer Abdulhafez	Mohammed Saleh Sultan
Dr. Fawz Abdul Salam Khalil	Nitrogen fixation in trees	Zakria Zeyad Khalaf	Rusul Anas Yahya
	Enzymes	Amal Saddam Ibrahim	Shahad Saad Ghanem
Assist. Prof. Dr. Ibrahim Khaleel Ibrahim	The economic importance of some apple insects and their methods of control	Nader Mohammed Rasheed	
	The economic importance of some olive insects and their methods of control	Layla Fadhel Sultan	
	The economic importance of some vegetables insects and their methods of control	Fatima Abdelkareem Ali	Shahad Amash Hussein
Lec. Islam Yaser Abdullah	Genetic transformation in plants	Rehab Ahmed Taha	
	Methods of dividing medicinal plants and the most importance fields of their uses	Leen Farhan Ayobe	
	A study of some secondary metabolites as active compounds inside plants	Ahmed Ali Hmood	Saef Yaarb Abdelmoneum

Lecturer name	Name of project	First Student	Second Student
Prof. Dr. Hussein Saber Mohammed Ali	Desertification	Amina Mohammed Ahmed	
	Vital regions	Zeyad Khalaf Hussein	
	Heavy metals and their effects on physiological processes in plants	Shereen Ibrahim Ali	
	Pollution with nitrates	Yamma Samir Mohammed	
Prof. Dr. Wafaa Mahmood Younus	The level of social and health awareness of biology department students to novel corona virus	Mohammed Ali Suliman	
	The intellectual awareness of electronic garbage by biology department students according to some variables	Zena Mowafaq Jasim	Shahad Jomaa Ali
	The level of water awareness by biology department students according to some variables	Nadia Rageb Hasan	
Dr. Dhuha Jasim Mohammed	Bacterial biofilm and role in causing disease	Rahma Moad Hadi	Zaman Jasim Mohammed
	Autoimmunity: causes and treatment	Younis Mahmood Thanoon	Ulla Mayser Dhaer
Dr. Hanan Saadeeq Saadon	Effect of Leishmania on blood cells	Mostafa Thamer Mahmood	
	Effect of free radicals on hydatid cyst disease	Aseel Jihad Sadee	
	Malaria and some methods used in its diagnosis	Abdulrahman Bashar Naif	Amina Ahmed Taha
Assist. Prof. Dr. Ibrahim Faris Ali	Chloroquin and Covid-19	Fatima Khaleel Khaduer	Noor Mohammed Ameen Abdulazeez
	Epidemiology of <i>Toxoplasma gondii</i>	Harth Faris Ali	
	A study of some parasitic diseases in fish	Omar Abdulla Ibrahim	

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Dr. Rabeea Hazim Mohammed	Ovarian cyst	Narjes Ibrahim Atia	Elaf Ahmed Mahmood
	Field study about breast cancer	Sara Nabeel Aziz	
	Embryonic stem cells	Zahraa Falih Salim	
Prof. Dr. Jamella Hazza Rasheed	Ultrasonic waves and medicinal and scientific effects	Ghufran Mohammed Sahil	
	Heath shock and their effect on human and plant	Duaa Aamer Jasim	
	Electron microscope and its biological uses	Ayman Aysar Mohammed	
Dr. Semaa Ahmed Baker	Lung cancer	Saman Wajeh aladen Meghaber	Barkat Daood Ali
	Ovarian cyst syndrome	Nada Abdulla Hamid	
	Small box	Ali Hussein Ali Doas	
Dr.Sanabel Abd almonum Abd almajeed	Thalassemia	Rahma Shamel Idrees	
	Food Additives	Teba Mahmood Yaseen	
	Cirrhosis and how to diagnose	Ayman Ahmed Jar allah	Yaseen Fadel Abbas
Lec. Ekhlas Khaleefah Hamid	The structure of digestive system in fish	Amal Khalaf Hassan	
	The digestive system in birds	Abdrahman Aydan Akhdeer	Dhia Ibrahim Marrie
	The structure of eye in fish	Ahla Taha Ameen	
Dr. Rafea Qasim Mohammed	Bioremediation of pollutants by using fungi	Aya Jasim Mohammed Salih	Hannan Hassan Ali
	Candidiasis	Mohammed Nashwan Hashim	Marwan Shaker Mahmood
Lec. Shireen Yaseen Qasim	The development of eye in vertebrates	Khadeer Ihsan Khadeer	
	Thyroid gland	Mostafa Ahmed Mahemeed	
	Renal failure	Sadeeq Jamal Faesal	Mohammed Hamid Rasheed

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Assist. Prof. Dr. Qutaiba Shuaib Mohammed Salih	Plant viruses and methods of diagnosis	Yasser Ammar Salih	
	Jatropha: future of Biofuel	Ruqia Ahmed Khuder	
	Mitochondria and aging	Duaa Mohammed Waad	Dalia Dreed Hameed
Assist. Prof. Dr. Maarib Mohammad Ahmad	Health awareness by Biology department students in College of education for pure sciences and its relation with sex variable	Huda Nameer Abdulrazzaq	
	Moral intelligence by Forth class students of Biology department and its relation with sex variable	Salih Abdulrahman Maloh	Rahma Alman Ali
	The emotional intelligence level by Forth class students of Biology department/ College of education for pure sciences	Zainab Hussein Ali	
Dr. Bushra Dalli Hamad Shlla	Nosocomial infections and their methods of protection	Amna Fatah Mohammed	
	Infection and immune response to corona virus	Roaa Ramdan Hamid	
	Typhoid fever , diagnosis and treatment	Mohammed Jomaa Ismael	Zahraa Mohammed Nadhim
Assist. Lec. Yasir Ajeel Jalao	Water pollution	Ahmed Haitham Nadhim	
	Air pollution	Shahad Abdelkareem Younis	Nada Haitham Suhail
	Garbage recycling	Ekhlas Ali Hassan	
Dr. Taha Abdulwahhab Khamees	The relation between Third and fourth generation of biofuel	Kamal Dalof Mohammed	Abdulrazzaq Mohsen Hamood
	The third generation of biofuel	Doaa Ibrahim Ali	Atiaf Adel Sultan

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Dr. Rasha Fawzi Abdoulrazzaq	Genetic transformation of <i>Salvia hispanica</i>	Ishaq Ahmed Younis	
	Growth regulators as contributing agents in plant tissue culture	Ahmed Atlian Hasan	Ghufran Rasheed Mohammed
	Some techniques of plant production from plant parts	Noor Sabhan Younis	
Lec. Raghad Mohammed Abdulla	Protoplast of plant cells	Saja mohammed Hussein	Safa Nashwan Shakir
	In vitro production of synthetic seeds	Ghufran Mohammed Ahmed	
	Agrobacterium	Huda Ismael Nassef	
Prof. Dr. Atallah Fahad Mekhlif	Antimicrobial activity of insects	Zena Raad Mekhlef	Bushra Maysar Ahmed
	Insects as promising future in production of oil and biofuel	Asraa Azam Sheet	Ahood Khudeer Mohammed
Lec. Azhar Younis Ratha	Noise pollution	Mohammed Khair Aldeen Mohammed Saeed	Maan Anad Ali
	Water pollution by insecticides	Ameera Mohammed Madallah	
	Water pollution by petrol	Maryam Abdeljabbar Abdelsattar	
Dr. Bushra Isam Kamil	Zoonotic diseases	Dalia Hakeem Hamad	
	<i>Pseudomonas aeruginosa</i> virulence and mechanisms of resistance	Ali Ayad Abdullah	
	Helicobacter pylori	Rahma Mohammed Hasan	Mohammed Khaid Mahemeed
Assist. Prof. Dr. Najwa Ibrahim Khaleel	Antibiotics	Nawal Hassan Hameed	Hanan Mahmood Suliman

	Biofilms	Sara Hazim Mahmood	Amina Ali Idrees
Prof. Dr. Muthanna Jasim Mohammed	<i>Artemisia herba alba</i> and the medical importance of secondary metabolites	Wjdan Salih Haji	Huda Abdulhakeem Abdulqader
Dr. Mohammed Abdullah Mahmood	Bacterial resistance	Fatin Sabhan Ali	Nada Awad Abdullah
	<i>Staphylococcus aureus</i>	Shafaq Mohsen Mohammed	
	Skin infections and bacteria causing them	Mohammed Nawfel Mohammed	
Dr. Younis Sadee Saeed	A study of plant oils and some extraction methods and identification	Roaa Rostam Ahmed	
	A study about <i>Vibrio cholerae</i>	Mohammed Khalid Younis	
	A study on the epidemiology of <i>Corynebacterium diphtheriae</i>	Raghad Akram Mohammed	Ghada Hazim Haboo
Dr. Omar Abdulaziz Ahmed	Antibiotics , types and importance	Abeer Hussein Ibrahim	
	Commensal bacteria and their benefits for living organisms and environment	Karam Hakim Mohammed	
	Role of plant extracts in treatment of hydatid cysts	Salim Saleh Barjes	
	Medicinal plants ,types and uses	Braa Az Aldeen	
Dr. Omaima Adil Najm	<i>Entamoeba histolytica</i>	Zahraa Abdelaziz Abbas	
	<i>Giardia lamblia</i>	Rowida Idrees Saif allah	
	<i>Trichomonas vaginalis</i>	Intesar Daood Fadel	
	Leishmaniasis	Esraa Mohammed Qasim	

Dr. Mohamed Arafat Mohamed	Resistance of some types of bacteria causing urinary tract infection	Taif Hasan Sluiman	Ali Suliman Oda
	A study about <i>Bifidobacterium bifidum</i>	Aya Dawood Waad Allah	Rasha Nazal Ramdhan
Dr. Zena Wajeih Hameed	Microbial polysaccharides produced from bacteria and fungi	Amina Ahmed Abdullah	Nabaa Ali Mohammed
	Techniques used in molecular and genetic studies	Rabab Mohsen Mohammed	Raghad Ahmed Taboor
Dr. Zeyad Bader Hamad	The level of intellectual requirement by first class student in biology department	Tawfeeq Khalid abdulrazzaq	
	Effect of superiority hierarchy in achievement of first intermediate class students in biology	Afraa Ibrahim Zedan	Nora Atwan Ridha
Dr. Mohammed Adelilah Mohammed	Escherichia coli	Ahmed Sehatha Fareh	Muthana Ghanem Hamoody
	A study on typhoid fever: its causes and diagnosis	Dania Zahid Abdullah	
	<i>Salmonella</i> spp.	Maryam Raad Mohammed	
Assist. Lec. Raghad Ahmed Abbas	Effect of X-ray to which pregnant woman is exposed on fetus	Hanin Hazim Hasan	
	Effect of Sonar on fetus	Rahma Alaa Adeen Jasim	
	Stem cells	Noor Waleed Mohammed	
	Effect of anticoagulants (Warfarin) on pregnant mother and fetus	Hajer Mohammed Hussein	
Lec. Taghreed Nawaf Ahmed	Essential and aromatic oils	Zainab Manhal Fadel	
	The medical importance of Lamiaceae (Mint-thymus-marjoram)	Safa Ayad Fathi	

	Some aromatic plants of Apiaceae and their medical and economic importance and natural characteristics of aromatic oils (Coriander, cumin, celery)	Sara Waad Allah Ghanem	Saraa Mudhafer Abdelrahman
Dr. Mohammed Younis Ahmed	Lung cancer	Asraa Salim Idrees	
	Cancer of uterus	Ghazna Abd Allawy	
	Prostate cancer	Mohammed Khalid Hussein	Mohammed Ibrahim Abbar
Assist. Prof. Dr. Mira Ausama Ahmed	Bioremediation of sewage sample by <i>Zygnema</i>	Zainab mohammed Ibrahim	Abdulrahman Mohammed Abdelrahman
	Field surveillance of common algae genera in Right water supply (Meshrfa) and some regions of Mosul	Sultan Qasim Najem	
	Effect of biofertilization with Chara in growth of corn plant	Mostafa Abdelkareem Mohammed	
Dr. Safaa Mohammed Mahmood	Fasciola hepatica and its effect on human health	Alya Khaleel Redha	
	Elephantiasis and its effect on human health	Ghasaq Basil Hazim	
	Flies and their effect on human health	Maan abdelwahid Hameed	
	Types of protozoa causing human diseases	Randa Younis Hasoon	
Assist. Prof. Dr. Amal Fatah Zedan	The relation between acceptance of life and adaptation for university life by biology department students/college of education for pure sciences	Rania Mohammed Yaseen	Abeer Hekmit Abd

	Attitudes of biology department students/College of education for pure sciences towards electronic learning	Sara Ragheed Saeed	
	Learning methods by biology department students/College of education for pure sciences	Marwa Nawaf Azeez	
Dr. Arwa Idrees Ahmed	Effect of different factors in inducing congenital malformations of mice embryos (Some theses of embryology in biology department as a model)	Ghanem Saad Hasan	
	A surveillance study on prevalence of anemia among pregnant women in years (2017-2022) in Mosul city	Horaa Safwan Mahfoz	
	Toxoplasmosis and the pregnant woman	Noor Fathi Abdulaziz	Howraa Faisal Mohammed
Lec. Yousra Abdul Razzaq Abdullah	Plasmids-Types-Methods of transmission among bacteria	Mayada Mohammed Jasim	
	Mechanism of action of antibiotics and their resistance by bacteria	Mazin Mohammed Khudeer	Asraa Dhia Ali
	Diarrheagenic E. coli	Asraa Ghazi Sabbah	
Dr. Zainulabdeen Hamza Abbas	Lichens	Alaa Rhamadhan Dhaher	
	Nutritional enrichment	Mahmood Ibrahim Salih	
	Toxins produced from some types of algae	Rafal Mohammed Hussein	
Dr. Suhyla Yakoob Yousif	Immunomodulation against <i>Giardia lamblia</i> infection	Mohammed Mahmood Ibrahim	Ayman Mohammed Daham
	Immune response against <i>Echinococcus granulosus</i>	Asra Waleed Abdullah	Rowida Saad Khalil

Dr. Safaa Ismail Rashid	Lichens	Hajer Qais Fawzi	Kawther Mezher Ahmed
	Mycorrhiza	Teba Abdelhameed Abdelghani	Zahraa Riadh Mortdhta
Prof. Dr. Yousef Jabbar Ismaeel	Fresh water algae	Nuha Mohammed Ali	
	Nitrogen fixation in algae	Sedra Salih Younis	Jehan Sohaib Ghanem
	Medical benefits of algae	Ali Ibrahim Hussein	
Assist. Prof. Dr. Aamer Mohsen Mahmood	Cellular taxonomy of Cruciferae	Ahmed Waleed Mohammed	Fatimah Laith Salih
	Pollen grains and their importance in taxonomic studies	Akab Younis Alyas	
	Chemical taxonomy of Solanaceae	Afnan Samir Salim	
Assist. Lec. Abdulla Talal Sultan	<i>Galleria mellonella</i>	Omar Salih Mohammed	Shakir Mahmood Hamid
	Diabetes	Aya Jamal Younis	Muna Abdelrazzaq Mohammed
Dr. Hasan Faisal Hussein	Virulence genes of bacteria	Mohammed Badr Fathi	
	Viral Hepatitis	Mostafa Ahmed Jerjes	
Lec. Tamara Waleed Jihad	Cancer of urinary bladder	Raad Mahmood Mohammed Ameen	Omar Khalaf Ibrahim
	Viral hepatitis B	Zena Abdula Khuder	
	Jaundice in neonates and adults	Noor Ammar Sobhi	
Assist. Prof. Dr. Raghad Nawaf Jerjees	Mutagens and their role in improving plants	Rahma Shakir Qasim	
	Gene therapy	Tahir Qasim Aqab	
	Plant diseases resulting from bacteria	Mayada Ali Mohammed	Anfal Sa'al Abood
Prof. Dr. Abdulazeez Younis Taleea	Air pollution	Jenan Hazim Hasan	Essa Yahya Essa
	Pollution with heavy metals	Elham Qutaiba Moaed	Noor Aziz Arif