

Research Projects for the Academic Year 2023–2024

No.	Student Name	Research Project Title	Research Supervisor
1	Maryam Matti Mousa, Reem Mazen Basheer, Amir Afeef Suleiman	Radioactive Materials in Food	Asst. Prof. Dr. Malik Hussein Khidr
2	Saleh Mohammed Saleh, Ali Ibrahim Mahmoud	Radioactive Materials and Their Biological Effects on the Human Body	Asst. Lecturer Hanaa Nafea Aziz
3	Maryam Sami Wadie, Milad Esho Bahnam, Madeline Hanna Gabriel	Preparation of Nanoparticles from Teeth and Bones and Study of Radiation Emission Using CR-39 Detector in the Nineveh Plain Area	Lecturer Assistant Abdulrahman Ismail Ahmed
4	Aseel Hussein Zyoor, Naba Sameer Ahmed, Israa Ahmed Azzat	Ferrite Materials: Properties and Applications	Lecturer Assistant Ahmed Turki Abdulhamid
5	Kareem Eido Khalaf, Nihad Atto Hassan, Kholasa Bakr Rasho	Effects of Static Magnetic Field on Human Tissues Related to MRI Systems	Asst. Lecturer Muna Youhana Sliwa
6	Mohammed Qasim Hassan, Falah Hassan Ali, Omar Ahmed Fathi	Application of Semiconductors in the Manufacture of Electronic Components	Lecturer Assistant Ismail Thameen Tali'a
7	Azhar Sameer Saleem, Zeina Amer Jejo, Iman Fathi Taha	Applications, Advantages, and Disadvantages of Plasma Welding	Lecturer Assistant Amna Mahmoud Ismat
8	Abdulkarim Mohammed Hazem, Mohammed Abdullah Fadel	Treatment of Refractive Eye Defects Using Laser	Asst. Lecturer Ban Abdul-Masih Badr
9	Azraa Bedran Mohammed, Maryam Abdulwahab Hussein	Study of Optical and Structural Properties of Cadmium Oxide Nanoparticles Prepared by Pulsed Laser Ablation	Asst. Prof. Dr. Thulfiqar Ali Zakir
10	Hadi Haji Hassan, Nadia Murad Suleiman, Halima Mousa Koli	X-rays and Their Applications in the Medical Field	Asst. Prof. Dr. Siham Jasim Abdullah
11	Saban Sido Joku, Khairiya Khairu Qolo,	Comparison Between the Efficiency of	Asst. Prof. Dr. Ali Hussein Ahmed

	Sebhan Khalaf Ali	Conventional Wind Turbines and Bladeless Turbines in Clean Energy Generation	
12	Marwan Haji Suleiman, Issam Khalil Qasim	Kidney Stone Fragmentation by Ultrasound Waves	Lecturer Assistant Malak Jaafar Ali
13	Saleem Naif Khalaf, Sawsan Murad Khalaf, Suzan Karim Khadr	Study of Correlation Relationships Between Solar Radiation and Air Temperature in Different Regions of Iraq	Asst. Lecturer Rajaa Abdullah Basheer
14	Mohammed Ghani Hassan, Eyad Falah Hassan	Waste Treatment and Conversion into Energy Using Plasma	Lecturer Assistant Islam Nasser Yousif