

Graduation Research Projects for Fourth-Year Students for the Academic Year 2018–2019

Graduation Research Project Title	Supervisor Name	Student Name	No.
Cavity Ring Down Spectroscopy	Dr. Thulfiqar Ali Zakr	Aya Azad Rashid	1
	Asst. Prof. Hanaa Nafea Aziz		
Nuclear Detectors	Asst. Prof. Hanaa Nafea Aziz	Ahmed Mar'i Abdullah Al-Taie,	2
	Dr. Thulfiqar Ali Zakr	Ammar Hashem Mohammed Saleh	
X-Rays – Their Applications in the Medical Field	Asst. Prof. Suleiman Yaqoub Suleiman	Noor Khalil Ibrahim	3
		Fatima Mahmoud Dawood	
A Study on Diffused Solar Radiation in Mosul City	Asst. Lecturer Amal Majeed Benoush,	Sakher Hassan Aziz Ahmed	4
	Asst. Lecturer Raja Abdullah Basheer	Raphael Amer Raffo	
Characteristics of Spark Gap	Asst. Lecturer Ban Abdul-Massih Badr	Ghassaq Sami Aziz	5
	Dr. Ali Hussein Ahmed	Catherine Issam Mikha	
Acid Rain and Its Environmental Effects	Asst. Lecturer Raja Abdullah Basheer	Jamal Barakat Ali Yousif	6
	Asst. Lecturer Amal Majeed Benoush		
Nuclear Battery and Its Applications	Dr. Malik Hussein Khudhur	Behzad Nader Majid	7
	Lecturer Ayman Mowafaq Ahmed	Hatem Saleh Suleiman Hussein	

Climate Change and Its Negative Effects on the Environment	Dr. Jasim Mohammed Rajab,	Rasho Ismail Rasho Osi	8
	Asst. Lecturer Enad Fathi Mustafa	Loran Waleed Sliwa	
Carbon Monoxide Gas (CO) and Its Effects on the Environment and Society	Dr. Jasim Mohammed Rajab	Tamara Nashwan Ghanem	9
	Asst. Lecturer Enad Fathi Mustafa		
Astronomical Telescopes – Their Types and Uses	Lecturer Ayman Mowafaq Ahmed	Jamal Abdul Rahim Khalaf Mahmoud	10
	Dr. Malik Hussein Khudhur		
Renewable Energy and Its Potential Use in Iraq	Dr. Ali Hussein Ahmed	Ahmed Abdul Suleiman Mohammed	11
	Asst. Lecturer Ban Abdul-Massih Badr	Ali Faisal Ameen Hamed	
Effect of Temperature Rise on the Dental Pulp During Photopolymerization of Composite Filling Using Different Light-Curing Units	Asst. Prof. Muna Youkhana Sliwa	Alaa Ismail Khalil Ismail	12
	Dr. Najib Mansour Noah	Mahdi Hadi Ali Hussein	
Effect of Annealing Temperature on the Electrical Properties of Soft Ferrite ($\text{Ni}_{0.8}\text{Fe}_{0.2}\text{O}_4$) at Different Heating Degrees	Dr. Najib Mansour Noah	Hassan Ali Jameel	13
	Asst. Prof. Muna Youkhana Sliwa	Omar Khalid Adel	