



University of Mosul / College of Education for Pure Sciences / Department of Physics
Titles of graduation research projects for fourth-year students year 2023-2024

Second student	First student	Research name	Name of the Supervisor	Seq.
Donia Ammar Younes	Deli Khader Obaid	Electromagnetic rays, their advantages and disadvantages	Prof. Dr. Mushtaq Abdul DawD	1
FaDe Fras SAdid not	Obaida Ammar Muhammad	Preparation and study of the optical properties of nanostructured copper oxide films	Prof. Dr. Mushtaq Abdul DawD	2
Youssef Ahmed Arif	Blessed be Abdul Karim Abdul	DHeadLevels of radiation power density emanating from Internet towers on the left side of the city of Mosul	Prof. Dr. Raad Ahmed Rasoul	3
Mustafa Marwan Shukr	Zainab Khalil Muhammad	DHeadLevels of radiation power density emanating from Internet towers on the left side of the city of Mosul	Prof. Dr. Raad Ahmed Rasoul	4
Amna Jamal	Ezzedine Khalil Mohammed	Content analysis of physics curricula for the secondary stage	Prof. Dr. Ahmed Gohar Muhammad Amin	5
Ashwaq Mohsen Abdullah	Zainab Ahmed Ibrahim	Virtual laboratories and physics teaching	Prof. Dr. Ahmed Gohar Muhammad Amin	6
Laila Muhammad Abdel Jalil	Kholoud Abdel QaderHeatedDD	radon	Ass.Prof. Yasser Yahya Qassem	7
Sana Tilli Said	Laila Muhammad Abdel Jalil	Fiber optic sensors	Ass.Prof.Dr. Yasser Yahya Qassem	8
Wafa Saleh Muhammad	Baraa Hatem Hussein	The working principle of touch sensors	Ass.Prof.Dr. Marwan Hafeez Younis	9
Abdullah Najm Abdul Razzaq	Ahmed Abdel Salam Mahmoud	Measuring mechanical vibrations using a laser	Ass.Prof.Dr. Musab Saleh Muhammad	10
Noura Ezzedine Muhammad	Maryam Abdel Moneim	Measurement of heat generated by a semiconductor laser	Ass.Prof.Dr. Musab Saleh Muhammad	11
Nawzad Tariq Issa	Aras Shamo Haggi	Factors affecting the performance of optical communications systems	Ass.Prof.Dr. Ragheed Mikhail Ibrahim	12
Hiyam Ali Muhammad	Noura Jalal Matar	Optical fiber connection losses	Ass.Prof.Dr. Ragheed Mikhail Ibrahim	13
Radwan Abdul Rahman Jameel	Muhammad Raad Ahmed	Study of the optical properties of nickel oxideNiO by thermal chemical spray method	Ass.Prof.Dr. Ghazwan Ghazi Ali	14
Basma Samir Ahmed	Alaa Faisal Muhammad	Calculating the work function for a cesium-tin alloy by manufacturing a photoelectric device and calculating Planck's constant.	Ass.Prof.Dr. Moayad Abdullah Ahmed	15
Ayaz Saud Zainal	Osama Mustafa Hamza	Calculating Planck's constant from the relationship between the effective voltage of the light-emitting diode	Ass.Prof.Dr. Moayad Abdullah Ahmed	16

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Muhammad Sobhi Muhammad	Muhammad Hussein Thanoun	Radioactive contamination in food	Ass.Prof.Dr. Rawaa Naji Nayef	17
Abdul Salam Khalaf Sobhan	Valid Valid request	Thin chip antenna design is suitable for applications wlan and study its radiological properties	Ass.Prof.Dr. Rawaa Naji Nayef	18
Ahmed Hassan Ahmed	Ibrahim Anwar Ibrahim	Radioactive waste management in nuclear medicine	Ass.Prof.Dr.Rabie Behnam Khader	19
Muhammad Bashar Salem	Munif Angimesh Khudair	Study of superconducting compound YBCO	T. Bashar Bassem Jarou	20

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Manar Muhammad Ali	Dalal Yasser Salah	Calculation of the absorption cross section of a semiconductor laser	Ass.Prof.Dr. Evan Behnam Karume	22
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Nada Hamid Muhammad	Maha Mishaan Hamidi	Fiber optic sensors	T.Dr. Ammar Tahseen Zakir	
Sanaa Raad Habib	Wessal Nabil Abdel Sattar	Studying the effect of dispersion on the transmission characteristics of digital data in optical fibers	T.Dr. Younis Dhanoun Younis	24
Younis Saad Khadr	Noah Ali Noah	Study of the dynamic properties of quantum lasers Qdot laser	T.Dr. Younis Dhanoun Younis	25
Musaab Muhammad Khalil	Nazir Adnan Nazir	Clean energy and its applications	T. Lubna Haqqi Ismail	26
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Baraa Salem Muhammad	Ali Iyad Younis	Methods for preparing thin films and electronic transitions	T.Dr.Moataz Saleh Hassan	30
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