

## Department of Chemical and Petroleum Industry Techniques

### Graduation Projects 2024 – 2025

Project No.	Project Name	Student Name	Supervisor Name
1	1. Preparation of liquid soap from eco-friendly materials	Salwa Matta Razzouqi / Technician	Asst. Prof. Dr. Samaa Adnan Raoof
2	2. Project to establish a solar-powered submersible pump for oil extraction	Arkan Ghassan Khalil / Technician	Asst. Prof. Dr. Samaa Adnan Raoof
3	3. Design of a three-dimensional simulation model for an oil and gas processing plant	Ahmed Abdul Hadi / Technician	Asst. Prof. Dr. Samaa Adnan Raoof
4	4. Estimation of sulfates in the Tigris River and their treatment by adsorption using UV-Visible spectrophotometer	Lect. Ria Duraid Mohammed	Asst. Prof. Dr. Rana Sami Saeed
5	5. Estimation of caffeine in energy drinks using UV-Visible Spectrophotometry and High-Performance Liquid Chromatography (HPLC)	Ria Duraid Othman / Assistant Lecturer	Asst. Prof. Dr. Rana Sami Saeed
6	6. Preparation of commercial liquid soap	Raissane Ismail Mahmoud / Technician	Asst. Prof. Dr. Rana Sami Saeed
7	7. Rehabilitation of the thermal conductivity measurement device for solid materials	Ahmed Khalid Ghadeer / Technician and Mohammed Nabeel / Technician	Lect. Sabah Saied Mohammed
8	8. Rehabilitation of the absorption device, Mass Transfer Workshop	Ahmed Khalid Ghadeer / Technician	Lect. Sabah Saied Mohammed
9	9. Rehabilitation of the sieves, Mass Transfer Workshop	Ahmed Khalid Ghadeer / Technician	Lect. Sabah Saied Mohammed
11	11. Manufacturing perfumes from natural materials	Raw'a Abdul Wahhab / Technician	Asst. Prof. Dr. Rawia Zaghloul Saied
12	12. Study of the effect of salts and temperature on iron corrosion	Noor Maiser Luqman / Technician	Asst. Prof. Dr. Rawia Zaghloul Saied

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13	13. Spectroscopic estimation of petroleum derivatives using IR technique	Huda Nabeel / Technician	Asst. Prof. Dr. Wijdan Mohammed Salih
14	14. Good manufacturing practices for the production of regular and automatic washing powders at the lowest costs	Sarah Talal / Technician	Dr. Hiba Mishaal Awwad
15	15. Study of vinegar preparation and its applications	Mohammed Nabeel Younis	Dr. Hiba Mishaal Awwad
16	16. Extraction of cellulose fibers from Iraqi date palms and their use in bioplastic production	Huda Nabeel / Technician	Dr. Hiba Mishaal Awwad
17	17. Removal of lead ions from contaminated water and their estimation by Atomic Absorption technique	Reem Talal Nadheer	
17	(Part of project 17)	Yaqeen Marwan / Technician	