

## Graduation projects 2025-2026

|     | Supervisor name                                                                                            | Student name                 | Project title                                                                                                              |
|-----|------------------------------------------------------------------------------------------------------------|------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 1.  | Lect. Dr. Hamid Abdulla Salih<br>Lect. Maimoonah Khalid Qasim<br>Asst. Lect Omar Younis Ismail             | Aya Saddam                   | Green City                                                                                                                 |
| 2.  | Asst. Prof. Dr. Mohamed Fathi Khalil<br>Asst. Prof. Duaa Hassan Yahya                                      | Mustafa Muwaffaq             | Toward sustainable development;<br>some industrial applications of<br>charcoal prepaid from nature raw<br>material         |
| 3.  | Asst. Prof. Dr. Lubna Abdulaziz Saleh<br>Prof. Dr. Alaa Ismail Ayoub<br>Asst. Prof. Dr. Lamya Adnan Sarsam | Awab Karam                   | Absorption of carbon Dioxide from<br>the Air                                                                               |
| 4.  | Asst. Prof. Dr. Mohammed Mahmood<br>Uonis<br>Assist. Prof. Dr. Ahmed Muneer Suhail                         | Fatima Amer Khazal           | Building a thermal evaporation<br>system                                                                                   |
| 5.  | Asst. Prof. Dr. Zakaria A. Hamed<br>Alnaish<br>Lect. Dr. Nagham Salem Mohammed                             | Ali Omar Ali                 | Intelligent system for Solar panel<br>cleaning and tracking using Arduino                                                  |
| 6.  | Lect. Dr. Ghada Ghanem Younes<br>Lect. Dr. Zainab Abdul Aziz Jamil                                         | Zainab Muhannad<br>Walid     | Design and manufacture of a vertical<br>axis wind turbine that uses the<br>movement of vehicles to generate<br>electricity |
| 7.  | Lect. Dr. Saad Fadhil Mahmoud<br>Asst. Prof. Thana Yaqoub Yousif<br>Lect. Zainab Waleed Majid              | Bilal Ghatran                | Recycling battery                                                                                                          |
| 8.  | Lect. Dr. Hamed Abdullah Saleh<br>Asst. Prof. Dr. Hazem Saleh Ahmed                                        | Abdul Rahman<br>Abdul Moneim | Green recycling system                                                                                                     |
| 9.  | Asst. Prof. Mustafa Hussein Ibrahim<br>Asst. Lect. Enas Abdulqader Hassan                                  | Abdullah Al-Tayeb            | Sizing solar panel for residential<br>loads                                                                                |
| 10. | Asst. Prof. Dr. Mohammed Mahmood<br>Uonis<br>Asst. Prof. Rana Hesham Mahmoud<br>Lect. Zahraa Badie Ibrahim | Jerjis Riad                  | Design of a system for measuring the<br>thermal insulation (or conductivity)<br>of different materials                     |
| 11. | Asst. Prof. Dr. Ahmed Muneer Suhail<br>Asst. Prof. Dr. Mohammed Mahmood<br>Uonis                           | Rida Abdel Nasser            | Design of a chemical spray system<br>for semiconductor thin-film<br>deposition                                             |
| 12. | Asst. Prof. Dr. Mohammed Mahmood<br>Uonis<br>Asst. Prof. Dr. Hazem Saleh Ahmed                             | Fatima Ayoub Omar            | Deposition of perovskite thin films<br>and study of their optical, structural,<br>and electrical properties                |

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| 13. | Asst. Prof. Dr. Mohammed Mahmood Uonis<br>Lect. Ghada Ghanem Younes    | Israa Ali Sultan             | Building a distillation system to reduce water losses |
| 14. | Prof. Dr. Asim Ahmed Issa<br>Asst. Prof. Bashir Khalil Ahmed           | Ali Mohsen Elias             | Converting mechanical energy into electrical energy   |
| 15. | Asst. Prof. Dr. Meaad Salim Younes<br>Lect. Dr. Ibtisam Yahya Abdullah | Youssef Abdel Hakeem Dhunoun | Generating electrical energy from bridge columns      |