

Northern Technical University

College of Polytechnics – Mosul

Department of Environmental and Water Resources Techniques

Graduation Projects for the Academic Year 2024–2025

Research Title	Supervisor Names
Modeling and Forecasting Floods using Geographic Information Systems (GIS) in a specific river area.	Dr. Maha Muhammad + Bushra Zaidan
Developing an Air Quality Monitoring System using low-cost sensors for an urban environment.	Dr. Maha Muhammad + Ahmad Azhar
Designing a device for Solar Power Generation.	Dr. Maha Muhammad Taha, Ahmad Azhar
Designing and estimating the cost of building a 20-story building with a clay soil foundation.	Abdullah Ahmad Shaikho
Characteristics of Overflow over Weirs.	Dr. Muhammad Akram Saadi
Designing and Developing a Prototype System for Harvesting Rainwater and purifying water for domestic ("household") uses.	Rana Muhammad Abd