



University of Mosul / College of Engineering
Department of Dams and Water Resources Engineering



List of Engineering Projects - for the 2023-2024 academic year

Project students' names	Supervising Professor	Project title	T
Oraha Saher Habib Oraha Jack George Yacoub Issa Alia Musab Adel Khalil	A. Ibrahim Mahmoud Ahmed	The effect of groundwater on the bearing capacity of different types of soils	1
Taha Muhammad Taha Mahmoud Zainab Fawaz Ahmed Mohammed Delphine Nawaf Mohammed Ahmed	Dr. Anmar Abdul Aziz Al-Talib Omar Kanaan Taha	Modern irrigation systems integrate IoT technologies to improve sustainable water resource management	2
Ibrahim Bashar Hassib Omar Mukhlif Ibrahim Amin Specters of Taha Amin Hassan	Dr. Youssef Hashem Abdullah Ali Ahmed Abdel Hadi	3 Design of a water harvesting dam on one of the valleys of the Khosr River Basin	
Ahmed Dawoud Salem Jassim Ahmed Fayez Bashir Ibrahim Marwa Nizar Mohammed	Dr. Saddam Mohammed Ahmed	4 Structural design of a bridge over the Khosar River	
Jalal Rami Essam Shamoun Issa Adel Issa Sarmed Raad Akram Shamoun	Dr. Rasha Mohamed Sami	5 Bridge Design on Mosul-Dohuk Road	
Aram Anis Boulos Hanna Ahmed Adeb Mohammed Siddiq Rahaf Yasser Abdel Karim	Dr. Saleh Mohammed Saleh	Determination of watershed sediments for a selected area in Nineveh Governorate	6
Dania Noufal Idris Hassan Abdul-Mumin Bashar Hashim Mustafa Safwan Muhammad	Analysis and design of a retaining wall using the Prokon program (Dr. Zuhair Ismail Musa)		7
Nabaa Thaer Hashim Abdul-Afin Hassib Barakat Matti Basil Aziz Elias	Dr. Nashwan Kamal El-Din	Hydraulic design of a bridge on one of the external roads in Nineveh Governorate	8
Mustafa Ali Hussein Ahmed Dhaigham Mohammed Qasim Congratulations Badr Mohammed Mahmoud	D. Talal Ahmed Bashir	Design of a bridge on one of the external roads from the side Hydrology and hydraulics	9
Harith Ghaib Khadir Salem Rabia Khaled Mustafa Kazin Ahmed Hassan Mahou	Dr. Muhammad Mukhlif Khalaf	10 Improving soil stability on slopes	
Qusay Abdo Saleh Ahmed Fahd Imad Ali Abdul Yazan Maher Rashid Hassan	Dr. Laith Khalil Ibrahim	11 Design of clay core for a rockfill dam	
Abdullah Namas Hussein Ibrahim Muhammad Ibrahim Hanin Kamel Nahir Arnous	Dr. Abdul Aziz Abdul Basit	Effect of different moisture contents on the wetting front under drip irrigation system	12
Abdullah Radwan Rashid Ahmed Abdul Ali Jassim Maryam Anmar Mahmoud Omar	Dr. Abdul Aziz Abdul Basit	13 Design of a drip irrigation network inside the University of Mosul	
Nabil Nazir Bashir Mustafa Waad Allah Fathi Maha Mohsen Mahmoud Ayman	Nour Idris Khattab	Design of a lined canal network for an agricultural plot of land in Nineveh Governorate	14
Muhammad Ahmed Muhammad Ali Mohammed Saleh Obaid Saif Raad Ali Najm	Abdul Ghani Khalaf Muhammad	15 Drip irrigation network design in the Hawi Al-Kanisa area	
Muhammad Ali Wahid Muhammad Aya Amer Mohamed Mustafa Awad Abdel Qader Awad	Ahmed Yahya Abdel Hafeez	Estimation of seepage losses through the Mosul Dam body using the Slope-Geo program	16
Ryan Khaled Qader Khalaf Laith Shaalan Ismail Mizer Rakan Mahmoud Hamid	Arwa Abdel Razzaq Jamal	17 Irrigation network design for an irrigation project in Nineveh Governorate	