



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



List of Engineering Projects – Academic Year 2025–2026

Supervising	Students' Names	Project Title	No.
Prof.Ibrahim Mahmood Ahmed Al-kiki	Ahmed Qutaiba Jasim Raghad Momen Ahmed Walaa Samir Ayoub Ibrahim Zuhair Khalil	Assessing the bearing capacity of a shallow foundation resting on stratified soil	1
Prof. Ahmed Younis Mohammed	Hussen Rafia Ibrahim Ali Emad Mohammed Abdullah Amina Ahmed Jamal E-Din Hiba Alla Manhal Akram	Design of a rainwater drainage network for one of Mosul's neighbourhoods	2
st. Prof. Dr.Anmar Abdulaziz Majeed Altalib Asst.Lect.Omar Taha	Mahmood zuhair aabd orban Abd Alrhman Mohanad Salim Mohammed Marwan Ali Hassan Abdulazez shamil mohammed thaker	Implementing a smart irrigation system for an outdoor garden using Internet of Things technology IoT	3
Asst. Prof. Dr.Zuheir I. Karabash	Abdalhadi Bashar Hadi Dena Mohamed Adil Mstafa readh abdalmajed Noor Emad Fathi	Analysis and design of retaining wall supporting layered soils	4
Asst. Prof. Dr.Sadam Muhammad Ahmed	Abd-almalik E Al-hajeat Basmala A Saied Mahmud Humam G Khodair Salam	Structural design of a multi storey villa	5
Asst. Prof. Dr. Saleh Mohammed Saleh	Mohammed Haitham Sabah Othman Mohammed Shaker Saraa Nizar S.A. Inas Mohammed Ali	The effect of changing rainfall patterns on the water volume of a rainwater harvesting dam reservoir	6
Lect.Dr.Rasha M. Sami	Rana Mohammed idrees Nesreen Khalid Abdullah Hajer Ammar Hasan	Design of box culvert drainage structures according to flow volume	7
Lect.Dr .Talal Ahmed Basheer	Khalid Aqo Ali Tamo Ibrahim Khalil Musa Ali Sadeer Silwan Khalat Khadr Hanna Walid Hanna Fatho	Using the QGIS program to identify catchment area in Nineveh Governorate	8
Lect.Dr.Mohammed Mukhlif Khalaf	Muhammad ayed abduallah Muhammad sultan muhammad Ammar muhammad saaran Obayda muhammad taher	Stability Analysis of Earth Dams	9
Lect.Dr. Ziyad Ayoub Suleiman	Shahad Shwaish Ghadhban Iman Ahmed Mohammed Khudhur Miran Kamiran Khalat Jumaa	Water Movement Modeling Using Software Groundwater Modeling System	10



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Supervising	Students' Names	Project Title	No.
Lect.Dr.Laith Khalil Ibrahim Al-Taie Dr.Mohammed Mukhlif Khalaf	Ahmed Mohammed Thnoon Ahmed Noman Ali Safoo Ameen Miqdad Abdulqader Zaid Ali Ezzaldeen Mohammad	Comparison between standard bearing capacity equations and Sigma/W software	11
Lect.Dr. Abdul Aziz Abdul Basit	Amna Haytham Nateq Ahmed Waad Jassim Ahmed Duraid Mohammed Ghalia Saleh Khidr	Comparison of wetting front advance in sandy soil using surface and subsurface drip emitters.	12
Lect.Dr. Sahar Samir Younes	Murtada shaker mahmood Omar ziad tariq Ahmed qais ahmed	Design of a Culvert on one of the external roads in Nineveh Governorate	13
Lect. Noor khattab Abdulkader	Muhannad Khalid Dhunoun Mohammed Basem Salem Abdul Hamid Raad Saad Ali Fadel Mohammed Younis	Design an irrigation network lined channels for a plot of agricultural land in Nineveh Governorate	14
Asst.Lect. Ali Ahmed Abdulahadi	Younis Ali Ismail Laith Nashwan Ghazi Omar Emad Abbas Ibrahim Jihad Sarhan	Estimating the surface runoff volume of a valley in Nineveh Governorate	15
Asst.Lect. Ali Ahmed Abdulahadi	Linda jalal nori Ahad firas jumaa Noor shahab ahmad Tuqa hani japr Mahmud	Estimating the surface runoff volume of a valley in northern Iraq	16
Asst.Lect. Mohammad Awni Khattab Asst.Lect. Muhanad Talal Yusif	Ahmed Abbas Mohammed Hashim Abdalmoamen Mohammed Maher Taha Mohammed Iqbal Khaled Fatima Silwan Taha Jassim	Rainwater harvesting in western Nineveh Governorate	17
Asst.Lect. Abdul Ghani Khalaf Muhammad	Mustafa Mohamed Saadallah Maryam Younis Youssef Ibraheem ahmad abdalkreem Mustafa Mohamed Mahmoud	Design of a drip irrigation system within the city of Mosul	18
Asst.Lect. Alaa Ismail Naser	Mohamad Ahmad Ramadan Ahmed Raad Shukr Zakaria Khaled Younis Thara Amjad Saleh	Design of a Drip Irrigation system within the university campus	19
Asst.Lect. Maad Majid Kalyana	Bayar Arif Elyas Noor Al-Huda Harbi Haneen Ezzeddine Yousra Faisal Mohammed Taqi	Investigation of Metrological Drought in Nineveh Governorate using Standard Precipitation Index (SPI)	20

Projects Committee