

## Al-Najaf Technical Institute

Department of Civil Technologies

projects of students in the Civil Technologies Department / Construction and Building Branch for the academic year 2025–2026 are formed as follows

No.	Project Title	Supervisor	Students
1	The Effect of Adding Natural Palm Fibers on the Properties of Concrete	Assist. Lecturer Marwa Hameed Abdullah	Mustafa Hassan, Hassanein Abbas, Muntadhar Mueyed, Zahraa Dhafer
2	Study of Green Buildings and Their Role in Reducing Energy Consumption and Protecting the Environment	Assist. Lecturer Zainab Ahmed Abdul	Ahmed Neama, Saif Haider, Fatima Khalid, Ruaa Mushtaq
3	Evaluation of Road Performance in Al-Najaf Al-Ashraf Governorate Using Software and Developing a Database for Roads and Bridges or the Municipality Directorate in Al-Najaf Governorate	Asst. Prof. Monqeth Sadiq Mohammed	Sadiq Munther, Ali Salah, Hussein Muqdad, Rabab Ihsan, Naba Ihsan
4	An Experimental and Numerical Study to Enhance the Bearing Capacity of Shallow Foundations on Slopes Using Geotechnical Materials	Assist. Lecturer Nabeel Katfan Loti	Moa'mel Hussein, Ali Emad, Mustafa Hameed, Karrar Hameed, Muna Mohammed
5	A Practical Comparative Study of Building Accuracy Using Different Surveying Techniques (Theodolite, Total Station, and GPS)	Asst. Prof. Emad Al-Deen Abdul Ameer Suleiman	Yousif Haider, Hussein Mahdi, Hassan Nasser, Mustafa Abdul Samee', Ameer Rahman
6	Improving the Properties of Gypsum Soil by Adding Black Oil and Cement Dust	Assoc. Prof. Hussein Mohammed Ali Al-Zeini	Aya Ali Razaq, Ghadeer Ameer, Aya Naseer, Yousif Saif, Duha Nasser
7	Simulating and Developing a Traffic Intersection Using Microscopic Traffic Modeling to Evaluate Design Alternatives and Improve Traffic Service	Assist. Lecturer Hussam Abbas Mohsen	Manar Baqir, Nada Haitham, Ruqaya Jasim, Ayat Alaa, Muntadhar Mohammed