

University : Northern Technical University
Country : Iraq
Web Address : <https://www.ntu.edu.iq>

SDG 1.4 Community anti-poverty programmes

1.4.3 - Does your university as a body organise training or programmes to improve access to basic services for all?

The Northern Technical University, based on its goals and commitment to achieving a sustainable green university, greatly motivates its faculty and staff and by extending many bridges of understanding and cooperation with local and international universities and various local and international civil society organizations. Based on its lofty goals in serving the local community and its students, it has held many courses, seminars, educational workshops and campaigns that support the field of clean energy, waste recycling, the use of computers, and in various technical and service fields, modern agricultural and irrigation techniques, given that the main location of the university is Mosul, which is considered the breadbasket of Iraq and is famous for growing wheat and barley in addition to many other crops.

❖ Implementation of an IoT Irrigation System at NTU

An IoT irrigation system was initially deployed in the gardens of NTU to assess its feasibility and effectiveness in delivering irrigation while significantly reducing reliance on traditional energy sources. Following successful outcomes, the system has been broadened and introduced to multiple farms in the rural areas of Mosul City.



- ❖ Within the vocational courses implemented by the Italian UPP organization through its project #United_for_Peace in cooperation with the Northern Technical University, new vocational courses are being offered for a number of young people from the components of Nineveh Governorate. The courses included teaching men hairdressing, computer repair, installing sanitary ware and home plumbing, and establishing an electrical system, in coordination with Dr. Amer Farhan Sheet, Director of the Continuing Education Center. The aim of these courses is to empower young people and teach them new skills and enhance their character building and integration into society. These courses last for two weeks and at the end of the course, a certificate accredited by the Northern Technical University is awarded to the participants.











- ❖ In addition to the many hundreds of courses, seminars and training workshops in different fields by the university's staff or in cooperation with international and local universities and organizations, and with the presence of specialized and distinguished staff, which were mentioned in the previous paragraphs of the SDG questions.