



Sustainable Development Goals



Quality Education

4 QUALITY EDUCATION



Access to education can enhance quality of life and prepare future leaders who will find solutions to global challenges. Providing education to children in technical, vocational, and entrepreneurial skills will serve as a foundation for sustainable development through scholarships and educational facilities, as well as eliminating gender disparities in access to education.

Quality Education

College of Education

The Department of Computer Science in the College of Education at Alnoor University organized a scientific lecture titled “Deep Learning Based Channel Estimation in Millimeter-Wave Massive MIMO Systems.” The lecture was supervised by Professor Dr. Khazal Fathi Zaidan, Dean of the College of Education, and delivered by Assistant Lecturer Hamza Ghazwan Khalid, a faculty member in the Department of Computer Science. The lecture discussed the application of deep learning techniques in channel estimation for modern communication systems based on millimeter-wave technology and Massive MIMO antenna systems, highlighting the importance of these techniques in improving data transmission efficiency and enhancing communication accuracy in advanced communication networks. The speaker also reviewed several models and algorithms used in this field and their role in improving wireless network performance and reducing channel estimation errors. The lecture was attended by a number of faculty members and students of the college, and included a scientific discussion on the prospects of using artificial intelligence to develop modern communication technologies and the potential for employing them in future research.

