



Sustainable Development Goals



Industry, Innovation and Infrastructure

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



A comprehensive and sustainable approach to manufacturing, alongside innovation and infrastructure, can unleash dynamic and competitive economic forces that generate job opportunities and income. It plays a key role in introducing and advancing new technologies, facilitating international trade, and enabling the efficient use of resources. However, the world still has a long way to go to fully realize these potentials. In particular, the least developed countries need to accelerate the development of their manufacturing sectors if they wish to achieve the 2030 goals and increase investment in scientific research and innovation.

College of Engineering

Under the supervision of Professor Saad Al-Ta'an, Dean of the College of Engineering at Alnoor University, and in the presence of Professor Khazal Fathi Zaidan, Dean of the College of Education, the Department of Biomedical Engineering organized a scientific workshop addressing the concepts of artificial intelligence and its contemporary applications in engineering and medical fields. The workshop was moderated and delivered by Lecturer Lubna Ahmed Shihab, Assistant Lecturer in the department, who reviewed the theoretical foundations of artificial intelligence, the mechanisms of algorithmic operations, and its key applications in biomedical engineering—particularly in medical data analysis, diagnostic support, and the development of smart biomedical devices and technologies. The workshop witnessed remarkable engagement from students, who raised numerous questions and inquiries, creating a constructive interactive atmosphere that enhanced their understanding of the presented concepts and broadened their perspectives on the future of artificial intelligence and its role in advancing the healthcare and engineering sectors.

