



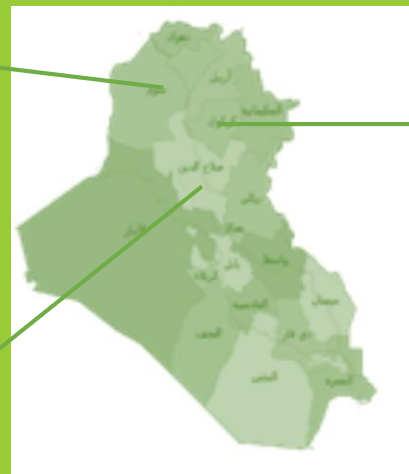
# **Sustainability Report 2020**

## **Northern Technical University**



Northern Technical University (NTU) in Iraq was founded in 2014 after the reorganization of the Foundation of Technical Education to four universities, including the newly established Northern Technical University. The university covers three governorates (Nineveh, Kirkuk, and Salah al-Din) which located in the north of Iraq with ten colleges and technical institutes. NTU university serves more than 20.000 students in deferent levels studies ( Diploma, Bachelors, Higher Diploma and master degrees ) also NTU seeks to open a doctoral study during the year 2022 .

Nineveh
Mosul Technical Institute
Technical Engineering College
Nineveh Technical Institute
Administrative Technical College
Agricultural Technical College
Salahuddin
Al-Dour Technical Institute



Kirkuk
Kirkuk Technical Institute
Kirkuk Technical College
Health and Medical Technical College
Al-Hawega Technical Institute





## Setting and Infrastructure (SI) Campus



**NTU MAIN CAMPUS, Mosul.**



**ARRASHIDIA CAMPUS, Mosul**



**KIRKUK CAMPUS**



**HAWIJA CAMPUS**



**DOUR CAMPUS**

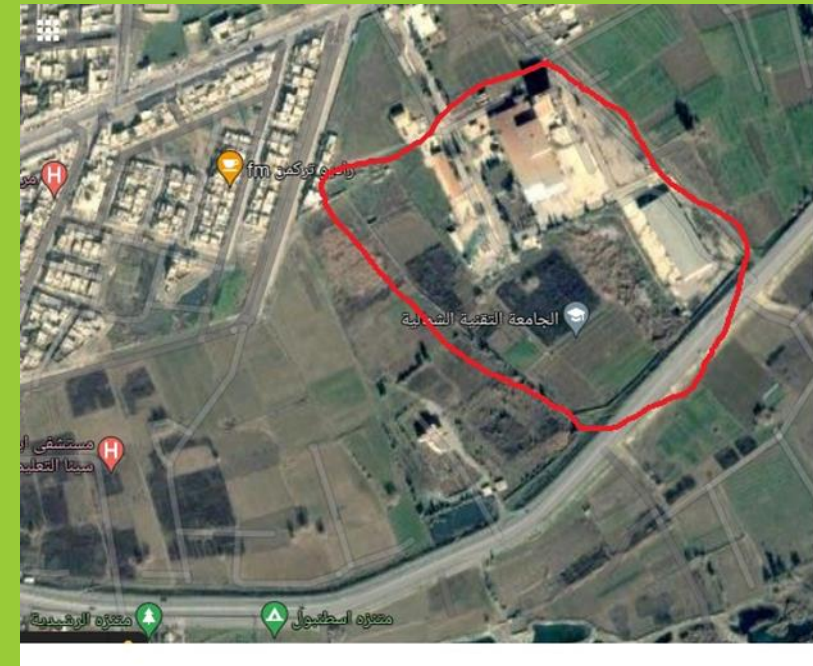




## Setting and Infrastructure (SI) campus buildings area



## Setting and Infrastructure (SI) open spaces







**Setting and Infrastructure (SI)** area on campus covered in forest vegetation





## Setting and Infrastructure (SI) area on campus covered in planted vegetation







## Setting and Infrastructure (SI) area on campus for water absorption





## Setting and Infrastructure (SI) Security and safety facilities





## .Energy and climate change (EC) Energy Efficient Appliances Usage







## .Energy and climate change (EC) Renewable energy sources





## Waste (WS) Recycling program for university's waste





## Waste (WS) Inorganic waste treatment







## Water (WR)





## Water (WR)





## Water (WR)







## Transportation (TR)





# Northern Technical University



## Transportation (TR)







## Transportation (TR) Pedestrian path on campus





The total number of researches on the google scholar site is about 1130 as shown in Fig.1 research papers and various working papers in all fields of science and knowledge for the period 2014–2021.

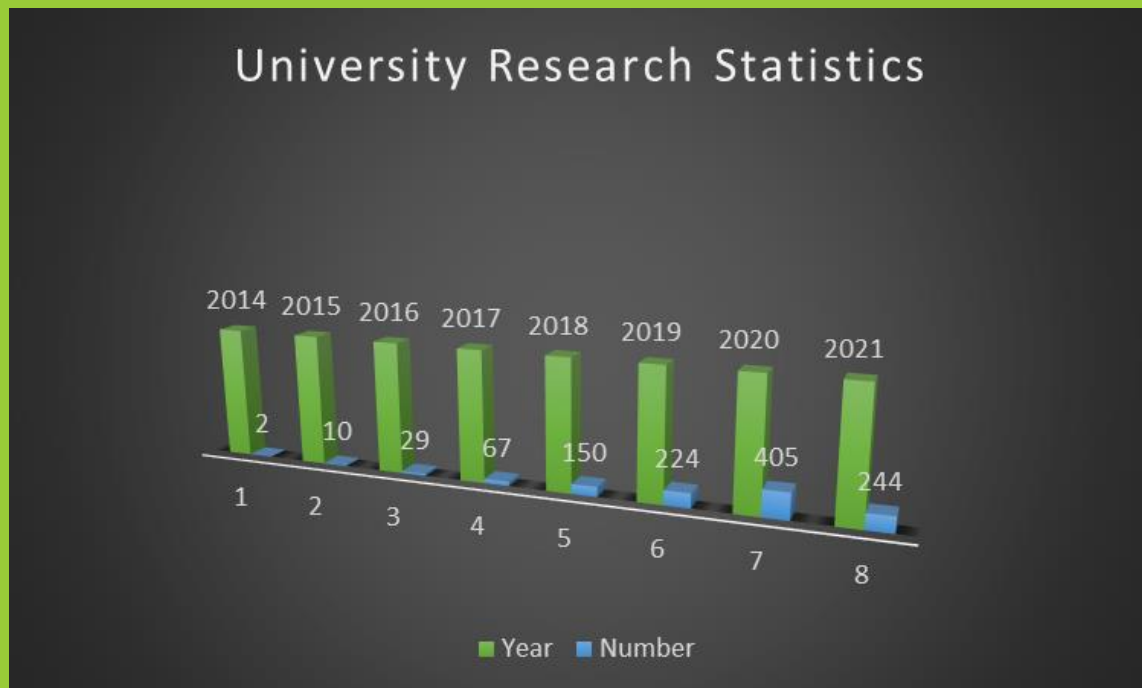


Figure 1. University Research Statistics

Turning to the research related to sustainability topics and its goals, we note that the number of published researches is 264 research and working papers, and this number represents 23% of the university's research related to sustainable development topics .

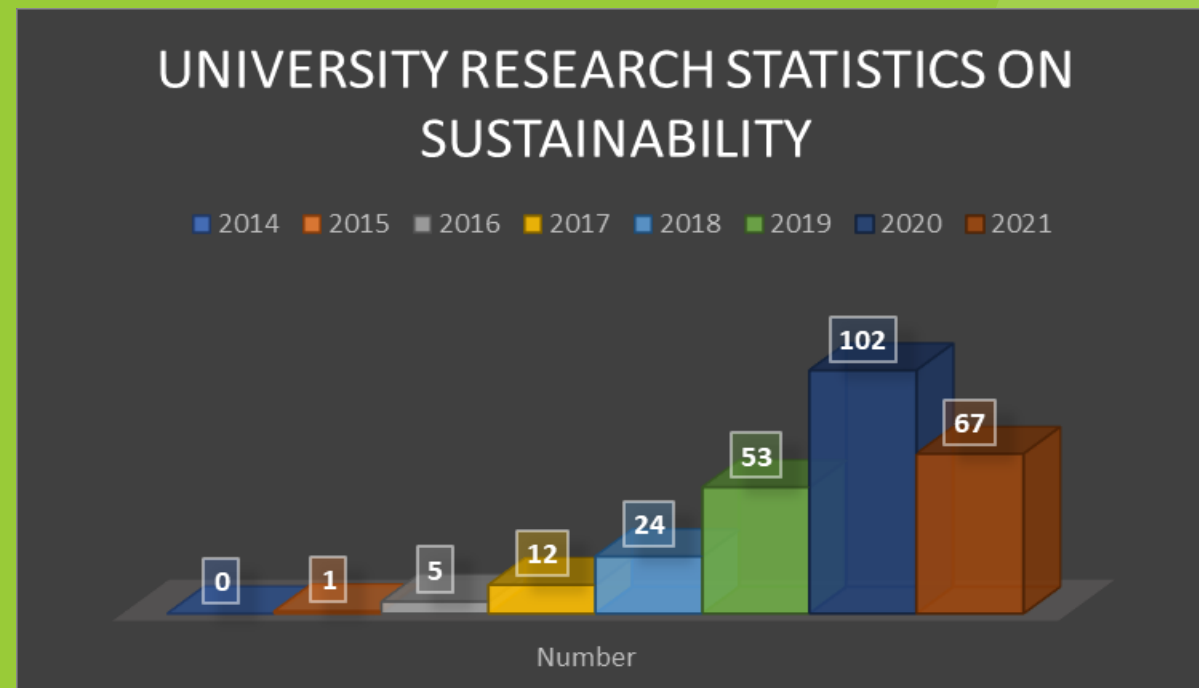


Figure 2. University Research Statistics on Sustainability



The figure shown determine the published papers by the university's researchers depending on the keywords (sustainability, green, environment, renewable energy and climate change) during Covid19 Pandemic and as it is clear from this a good publication compared to the number of university researchers on the Google Scholar website .

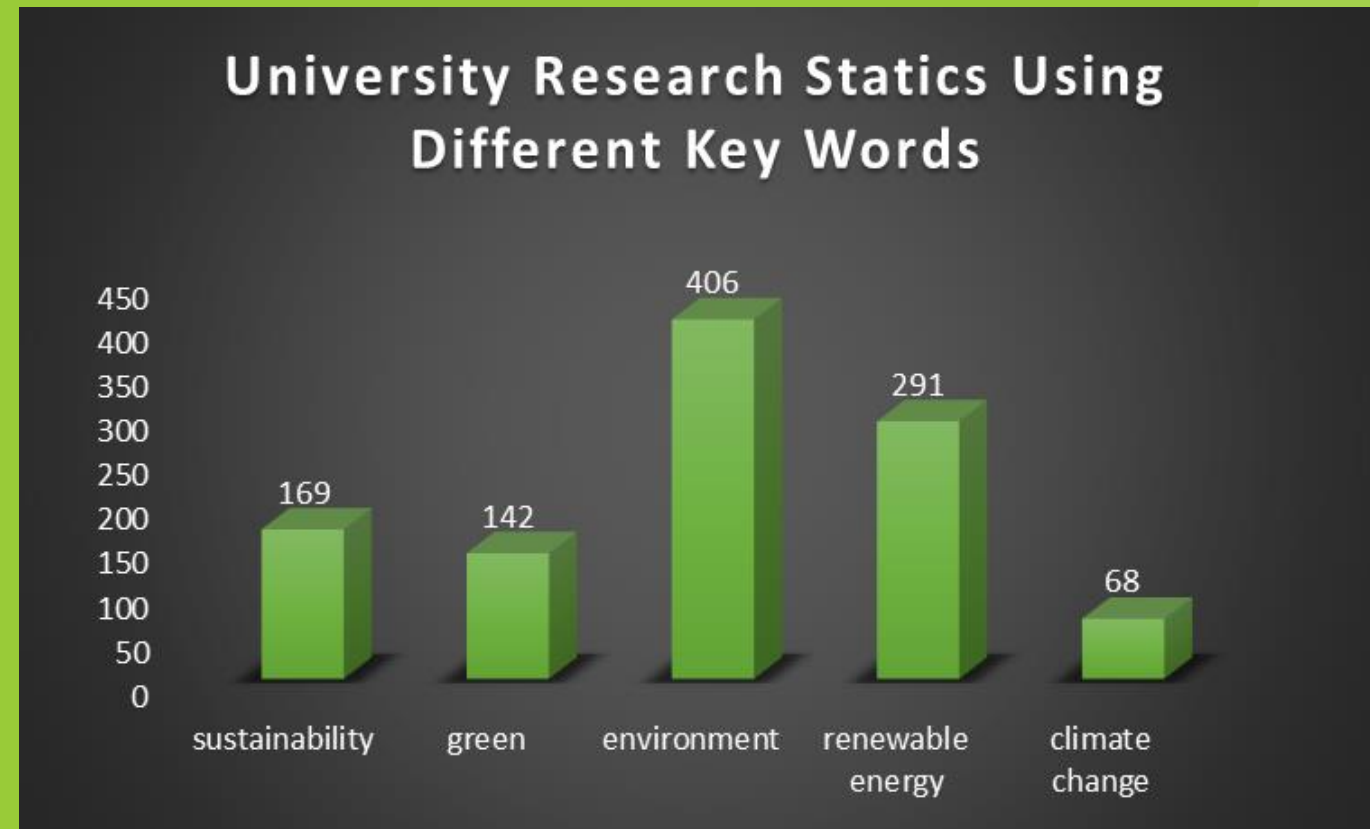


Figure 3. University Research Statistics on Sustainability Using different Key Words