

SDG 4 Report on: Quality Education

1. RESEARCH

Use of Near East University “Super Computer” to be used in Viral Protein Investigation

Research made during 2019-2020 period in our Near East University ([NEU](#)) where the Super Computer, located in the NEU [Innovation and Information Technologies Center](#), which is one of the most powerful super computers of the world and has been supporting the scientific projects around the world with its capacity to perform approximately 20 trillion operations and data analysis per second, is in use to fight with the new coronavirus which is declared to be pandemic by the World Health Organization.

The Super Computer is used in the investigation of the viral protein carried out by the Baker laboratory in the [Rosetta@home](#) project, a study against the COVID-19 disease known as the New Coronary virus caused by the outbreak of the SARS-CoV-2 virus. The information to be obtained as a result of the examinations will be used to guide the design of new vaccines and antiviral drugs against the New Coronavirus.

Our Super Computer processed 150,19 quadrillion mathematical operations in less than 36 hours, and transferred the results of the process to the servers of the Rosetta@home project.

Online panel on “Research and Education in the Pandemic Period”

Near East University Institute of Educational Sciences held an online panel in the digital environment on “[Research in Pandemic Period and the Role of Education](#)”.

The panel, drew attention to the importance of awareness and scientific dimensions in research and changing education conditions. Further information to graduate students on social transformation in education and research, and touched on the place of an interdisciplinary environment in vital and professional development given.

2. PUBLIC ENGAGEMENT

Free online courses to public by Near East University

To further support the students and public free online courses were arranged by [UZEM](#) where the university opened online course content free of charge for individuals to improve themselves, learn new knowledge and gain new knowledge for their respective fields during the fight against the COVID-19 outbreak.

[Massive Open Online Courses](#) can be accessed remotely by getting a username and password. With this service the philosophy of lifelong learning, free information will be available in many areas such as health, education, psychology, communication, social sciences, administrative sciences and engineering has been achieved.

Once the users complete all studies within the course content, an e-certificate will be issued within the scope of Massive Open Courses by Near East University. The electronic certificates, which can be registered in digital environment, will be confirmed later on through the medium.



3. LEARNING AND STUDENTS

We are the [largest university of the Northern Cyprus](#) in terms of student numbers and offer the most extensive undergraduate and postgraduate education opportunities to over 26 thousand students coming from over 100 countries. The Near East University has 20 faculties comprising 220 departments and programs, 8 graduate schools with around 218 graduate and postgraduate programs, and 3 high schools, 28 research institutes, and has several international memberships.

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4. OPERATIONS & ACHIEVEMENTS

Free public membership to Near East University Grand Library

[Near East University Grand Library](#) has opened up its 650 million electronic resources for free public use with online membership due to these extraordinary and uncertain times we are all living due to Covid-19.

During times of struggle against the coronavirus pandemic the Near East University Grand Library has [opened online free membership](#) to its electronic resources so as to enable book lovers and researchers to access information remotely, free of charge. Accordingly, people who have become members of the NEU Grand Library will be able to search the electronic databases that the library is a member of, access journals, articles and research, and conduct a book research.

The library has access to 650 million electronic resources from all over the world with more than 60,000 electronic journals which all together offers a wide variety of access to information. As Cyprus' first and only library open 7/27, Near East University Grand Library proudly announces that it comprises more than 2,200,000 books.

Our Youtube channel

Our university is also broadcasting from [Youtube](#).

5. ON NUMBERS

Publications: 951 on all subjects.