

## **About Nile University**

- Nile University is a private, non-profit research university. The Higher Council for Universities has issued a recommendation to change the constitution of the University into an Independent University in January 2011, following a request presented by the University.

- **Academic Community of the University**

- More than 40 Egyptian scientists have been recruited locally and internationally and are currently working in Nile University. In the past 4 years, they have collectively published more than 700 research paper of which more than 250 published with the help of research assistants in Nile University.
- The University has established a number of specialized master's degree programs in fields new to Egypt and the region, some of which with no equivalent in other Egyptian institutions.
- Around 285 top ranking graduates of local universities are currently studying post-graduate programs in Nile University.
- 85 top ranking graduates of government and international schools are currently studying at Nile University.

- **Scholarships**

- More than 500 scholarships were offered to deserving students. 102 of these scholarships, ranging between 40 to 100% of tuition fees, were offered during the current year alone.
- Moreover, 160 fellowships were offered to research assistants in Nile University's research centers covering full tuition fees in addition to a stipend.
- More than 120 master's degree students have graduated from Nile University to this date.
- 25 of Nile University's graduating master's degree students have been awarded full scholarships for PhD studies in top North American and European universities, funded by these universities.
- A large number of Nile University's students have received international awards and short term funds to study in international universities or practice as interns in multinational companies worldwide.

- **Nile University's researchers are operating in 6 research centers focusing on areas of critical importance**

- Wireless Intelligent Networks Center
- Center for Nanotechnology
- Center for Intelligent Transportation Systems
- Center for Informatics Science
- Nano-electronics Integrated Systems Center
- Innovation, Entrepreneurship and Competitiveness Center

In addition to research projects in the fields of Mechatronics, Construction Engineering and Management as well as Industrial Engineering.

Each research center has been equipped with the most modern infrastructure benchmarked against international research institutions worldwide. These state-of-the-art research facilities are open to national universities free of charge as was the case with the Bioinformatics portal.

- **Research grants are obtained from local and international granting institutions following competition criteria. Examples of such organizations are:**

Google, Microsoft, GM, Intel, Alcatel-Lucent, STDF, ITIDA, NTRA, EU, RDI, Qatar Foundation, Mentor Graphics, Synopsys, Cadence.

- **All research projects are conducted with the perspective of connecting the University with:**

- Young expatriate Egyptian scientists
- World-renowned international universities such as Harvard, Johns Hopkins, Northwestern, Imperial College and Ohio State University.
- Local universities such as Cairo University and Ain Shams University in addition to local and national research centers and institutions such as the National Cancer Institute, Kasr Al Ainy Hospitals, Magdi Yacoub Heart Foundation, Genome Research Center and the National Traffic Authority.
- Local and international industry.

- **Nile University's research topics are directly related to issues of development and national priorities in the sectors of food, health, traffic and environment. Such as:**

- Sensor Networks for Diagnosis and Monitoring
- Mobile Healthcare Applications
- Computer-based Imaging for Cardiac and Retinal Disease
- Bioinformatics Infrastructures and Algorithms
- Egyptian Buffalo Genome Analysis
- Personalized Medicine Systems
- Intelligent Traffic Monitoring
- Intelligent and Precision Agriculture Systems
- Data Mining and Web Mining
- Water Purification
- Solar Energy
- Cancer Diagnosis and Drug Delivery
- Electronics 4G Mobile Phone Technology and Application
- VLSI Design