Guide for ASU International Cooperation

at Ain Shams University



Ain Shams University







01

ASU at a Glance

Facts and Figures about Ain Shams University

- International Rankings
- International Partners
- ASU Industry Partners

02

ICO of faculties and Institutes

Facts and Figures about Ain Shams University

- Medicine
- Pharmacy
- Nursing
- Engineering
- · Faculty of Computer and Information Sciences
- Al-Alsun (Languages)
- Institutes



President Welcome



Ain Shams is an internationally famous university [ASU] located in the Egyptian capital with about 200,000 students in diverse degree programs. Spread in eight different campuses, ASU comprises 16 faculties and 3 institutes; including 6000 international students from over 45 countries.

Located at the heart of Cairo, outstanding achievements in research and teaching, imparting skills to excellent graduates, and a modern service-oriented administration characterize ASU. It is one of the largest institutes of education and research in Egypt.

The main focus in research and teaching at ASU is on engineering and natural sciences. In addition, it offers degree programs in medicine, planning, social sciences, humanities, economics management and more. Apart from the main campus, there are further campuses across Cairo, located in satellite cities to it, in the greater Cairo region, encompassing its potential for future extension.

Fundamental research in the natural science disciplines, medicine, and strongly innovative applied research in engineering and computer science form the scientific backbone of the university. ASU can boast outstanding results in all disciplines, which are supported by its leader staff in research.

Research at ASU is moreover characterized by close cooperation with external research institutions and industry as amply demonstrated by the high volume of external funding. Well-known companies, Innovation Laboratories and industrial partners are actively engaged at ASU.

ASU currently offers various double-degree programs with partner universities in Great Britain, USA.

Prof. Mahmoud El-Meteini President ASU

Administration



Prof. Mahmoud Shawky Elmeteini President



Prof.Dr. Hesham Kamel Abd El Lattif Temraz Vice President for Community & Environmental afairs



Vice President for Education & Students Affairs

Prof. Abdelfattah Saoud



Prof.Dr. Mohamed Ayman Saleh Vice President for Graduate Studies & Research

International Relations and Academic Collaboration International Relations Office

iro@asu.edu.eg

The Sector of International Relations and Academic Collaboration in Ain Shams University is a holistic sector encompassing five segments; the international relations, the international students and staff mobility, the projects and grants, the alumni and the ranking.

This sector supports the university endeavours for global engagement, internationalization, cultural exchange, programs,

and services to be highly ranked and internationally respected.
Under the Umbrella of the Sector of International

Sector of International
Relations and Academic
Collaboration operates
the International
Relations Office (IRO).



International Relations Office



Prof. Shahira Samir Zaky
Director International Relations and
Academic Collaboration IRAC
Vice Dean for Community Services –
Faculty of Medicine

shahira_samir@med.asu.edu.eg



Prof. Mostafa Rifat
Vice Dean for Education and Student
Affairs- Faculty of Engineering
Director of International Relations Office Ain Sham University
Professor of Architecture
Dept. of Architecture Engineering
Faculty of Engineering,
Ain Shams University



Dr. Sherif Elseginy Vice-Director International Relations Office IRO

 ${\bf sherif_elseginy@med.asu.edu.eg}$

Ain Shams University



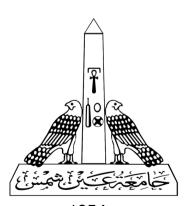


2700 B.C "O'n", University



July 1950

Ibrahim Pasha University



1954 changed in the same year To "Ain Shams"

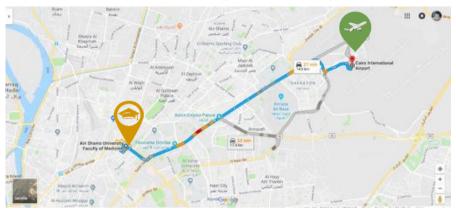


February 1954
Heliopolis University

Ain Shams University

Location

The road from the University to Cairo airport



Distance is about 14.6 Km Estimated Time by car is about 27 min.

The road from the University to the airport of the new administrative capital



Distance is about 64.8 Km Estimated Time by car is about 58 min.

Ain Shams University

Vision and Mission

Vision:

Achieving a global advantage in managing innovation system in:







Education



Knowledge



Community

Mission:

Ain Shams University is a research, educational and service institution that adopts innovation and qualifies graduates competing in the labor market and community service in accordance with the latest international developments.

Strategy:

- O1 Creating an innovation-stimulating environment
- O2 Developing skills
- O3 Meeting the ever-changing needs of the society

Strategic Goals

- O1 Promoting education and learning through innovative and future-oriented visions
- O2 Encouraging scientific research and supporting innovation
- O3 IQA and performance evaluation systems
- O4 Developing ASU administrative apparatus and automating its services
- O5 Sustainable development and internationalization of university services

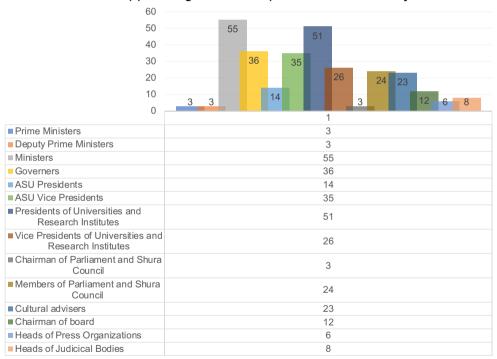


O6 Promoting education and learning through innovative and future-oriented visions

Alumni

The ASU Alumni Association works on opening channels of communication between the university and its graduates by providing them with the optimum career guidance, and acts as a liaison between the alumni and the career development center (ECDC) to assist graduates in labor markets.

It maintains contact between the alumni and the university on one hand and the regional and local community of institutions on the other hand and obtains the support of graduates to promote the university





Ain Shams University

ASU at a Glance



RANKED #8 IN AFRICA (QS World University Rankings, 2020) (CWTS Leiden Ranking, 2020)



2 PROGRAMS RANKED IN THE TOP 200 GLOBALLY 9 PROGRAMS RANKED IN THE TOP 400 GLOBALLY (QS World University Rankings, 2020)



MULTIPLE PARTNER ORGANIZATIONS



MORE THAN 20 PARTNER UNIVERSITIES



MORE THAN 200,000 STUDENTS

Including more than 5500 international students from more than 40 countries



+190 BACHELOR AND +600 POSTGRADUATE DEGREES



4 QS STARS (QS Stars University Ratings, 2018)



THE - GOLDEN AGE #151-200

ASU International Rankings



International	Egypt	Region
800-900	3	Africa 10
1001 +	10	Africa 21
1000 - 801	3	Africa 8 Arab15
648	3	Africa 15
576	2	Africa 8
624	2	Africa 7 MENA 21
794	2	Africa 7
607	3	Africa 10

ASU International Partners





































































ASU Industry Partners









International University Event

Ain Shams University participation

Pushing boundaries to become a world-class university. Prof Shahira Zaki, Prof Sherweit El-Ahmady, Prof Moustafa Refaat and Dr Ahmed Elbanna shared how Ain Shams University defies the norm and launches a new initiative.







Event Subject

QS Subject Focus Summit :Modern Languages & Linguistics virtual space





Ain Shams University



Faculty Structure



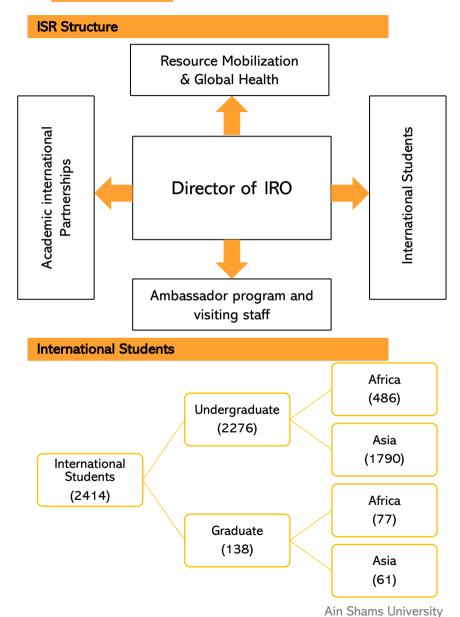
Scientific Collaborations

- Cancer Research Center For Jointly Establishing A Comprehensive Pathology Platform and Pathology Department Of Fudan, China.
- 2. Jiangsu Provents Hospital, Nanjing Medical University.
- 3. Irides, Japan Tohoku University.
- 4. Aljazeera University, Somalia.
- Great Ormond Street Hospital For Children-NHS Foundation Trust, England, Britain.
- 6. Royal Brompoton Harefield Hospital-NHS Foundation Trust.
- 7. G.Pascale, Napoli, Italy.
- 8. University of Salerno, Italy.
- 9. The Ohio State University, USA.

Ain Shams University









Studentexchange@med.asu.edu.eg

versity

Pharmacy



Memoranda of Understanding

- 1. Faculty of Pharmacy-Kumamoto university- Japan.
- 2. Faculty of Pharmacy-Karakov national university-Ukraine.
- 3. Faculty of Pharmacy-Zembabwei university.
- 4. Shi-nan University- China (under modification).
- 5. Faculty of life sciences and agriculture- University of Tokyo (under study from Japanese side).
- 6. Israa University- Jordan.
- 7. Helijng versity for Chinese traditional medicine (expired).

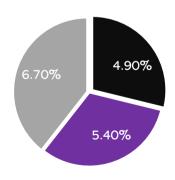


Externally funded Projects

Research projects according to their Duration

Research Projects have been externally financed for 2 years up to 4 years.



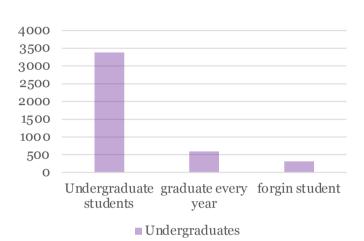


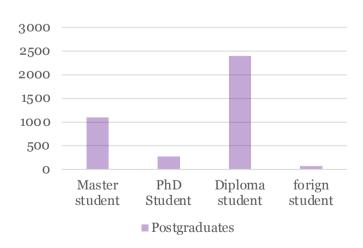
■ 2018/2019 ■ 2017/2018 ■ 2016/2017

International students

Pharmacy

Students' statistics







Faculty of Dentistry



Agreements

2 Memoranda of understanding had been signed with Christian-Albrechts University, Kiel, Germany and Gulf Medical University, Ajman, UAE . This resulted in 9 joint international publications .







Nursing



Overview

Vision

To improve the scientific, cultural, research and technical quality to reach advanced international levels and increasing its competitiveness on the local, regional and international scales.

Mission

To strengthen, increase and activate the scientific, research, cultural and technical partnerships with counterparts from advanced international universities as well as with regional and international organizations, institutions and bodies under an official umbrella of agreements, alliances and memoranda signed with countries related under patronage of the ministry of higher education and scientific research to achieve the desired goals.



Ain Shams University

Nursing

ICO Board Structure





Nursing

Statistical Data

- A- 2 memoranda plus 1 Protocol for cooperation with Aswan have been signed between faculty of Nursing Ain Shams University and other universities since 2015.
 - B- A protocol for cooperation between Faculty of Nursing and British university in Egypt BUE is under construction.

Finland (Karelia University)			
Start	End	Advanced	
2016	2018	2018-2023) not activated yet	

UK (Sunderland University)			
Start	End	Advanced	
2015	2017		



Nursing

Statistical Data for the Internally Funded Research Projects

Research Projects' "Internal Funded" State Of Affairs

Research Projects according to their departments.

19 Research Projects have been internally financed from Ain Shams University since (2013-2014):

- 1. Medical surgical Nursing department.
- 2. Obstetric and gynecological Nursing department.
- 3. Pediatric Health Nursing department.
- 4. Community health Nursing department.
- 5. Psychiatric Health Nursing department.

Medical Surgical Nursing dept.`	Obstetric & Gynecology dept.	Community health Nursing dept.	Pediatric H. Nursing dept.	Psychiatric H. Nursing dept.	Total
4 (21 %)	2 (10.5%)	5(26.3 %)	4 (21 %)	4 (21 %)	19



■ Med-Su ■ Ob-gyn ■ Community ■ Pediatric ■ Psychiatric

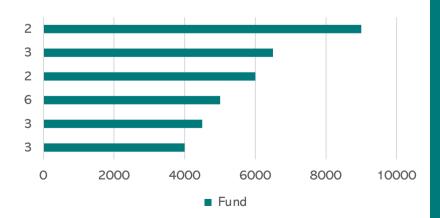
Ain Shams University

Research Projects' "Internal Funded" State Of Affairs

Research Projects according to their **Budget**

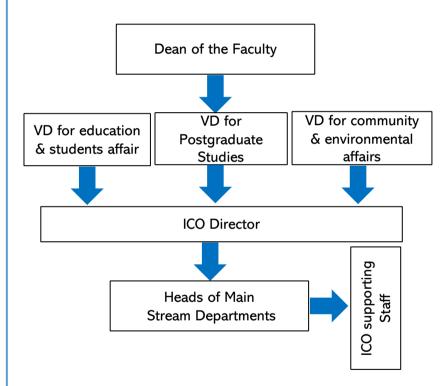
19 Research Projects have been internally funded with 4000 EGP up to 9000 EGP. Since (2013-2014):

No.	Fund
3	4000
3	4500
6	5000
2	6000
3	6500
2	9000





ICO Board Structure

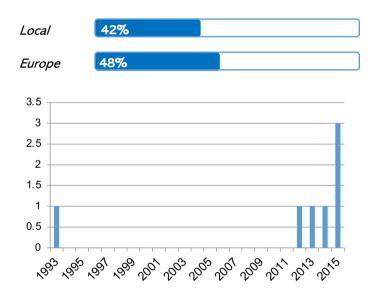




Statistical Data for Agreements, Memoranda and Protocols

Agreements

7 agreements have been signed between Faculty of Science, ASU and other organizations from all over the world since 2000.



















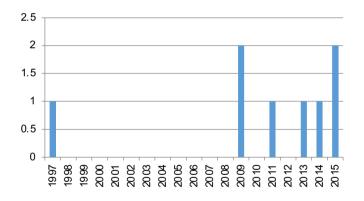
Statistical Data for Agreements, Memoranda and Protocols

Protocols

8 protocols have been signed between Faculty of Science, ASU and other organizations from all over the world since 2000.

Local 88%

Europe 12%















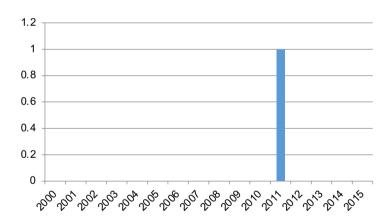


Statistical Data for Agreements, Memoranda and Protocols

MOUs

1 MOU has been signed between Faculty of Science, ASU and Shell co. LTD since 2011.





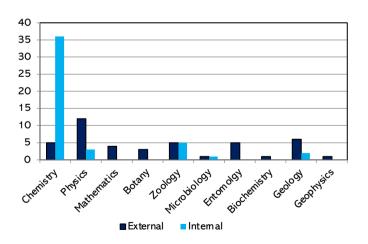


Statistical Data research projects

Research Projects

Number of internally and externally funded research projects as per faculty departments since 2000.







About

Faculty of Agriculture, ASU, is one of the most distinguished agricultural educational institutions in Egypt and the Arab world with more than 50 years of experience in teaching, research, and extension activities. It has played a fundamental role in generating and settling knowledge and modern agricultural technologies by providing unique solutions in the various fields of agriculture through its different scientific cadres who graduated from prestigious universities in North America, Europe, and Asia. This elite of the teaching staff formed other scientific schools that enrich research and education.

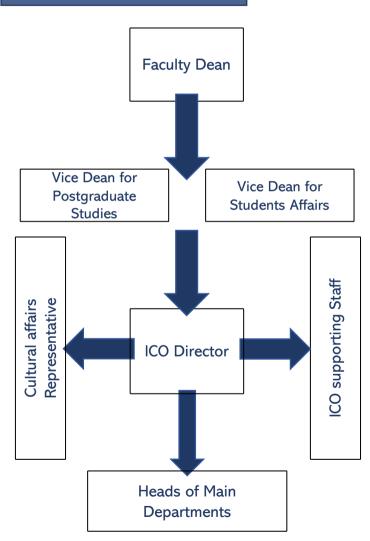


Ain Shams University





ICO Board Structure

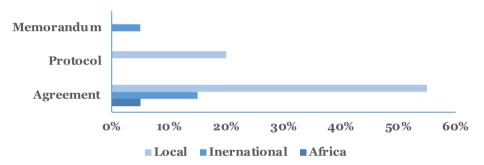




Statistical Data for Agreements, Memoranda and Protocols

Cooperation

20 **cooperation** has been signed between the Faculty of Agriculture, ASU, and other universities and international institutions worldwide since 2012.

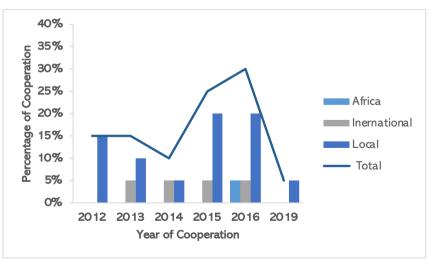




Statistical Data for Agreements, Memoranda and Protocols

Percentage distribution of cooperation between the faculty of Agriculture and the various institutions over the years





Engineering



ICO Structure

Director of ICO

Vice Director of international collaboration office for Research and Outreach Vice Director of international collaboration office for international students and training





Engineering



Scientific Collaboration Partners





















Massachusetts Institute of Technology













A Sustainability Training in Graz, Austria



A strategic Partnership between Ain Shams Engineering and a Chinese Company to establish a Technological Oasis



Dual degree agreement with East London University in the fields of architecture, construction, computing, and information systems.





Workshop on enhancing engineering Education organized by KTH for ASU Staff

Engineering



Dual degree



Mediterranean University in Italy

- •BA of Architecture from Landscape Architecture Program and the equivalent to the Master of Architecture from Italy.
- This certificate is granted to Masters students by studying three years in Egypt and two years in Italy for Egyptian students and vice versa for Italian students.



University of East London

•Dual degree agreement with East London University in the fields of architecture, construction, computing, and information systems.

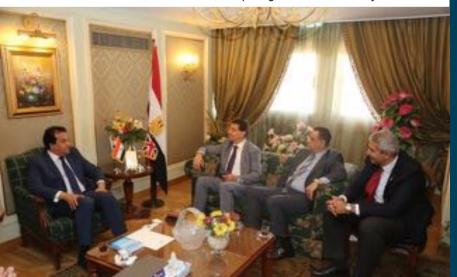




Signing of the agreement and the award of dual degree.



Signing Ceremony of Dual degree agreement with East London University in the fields of architecture, construction, computing, and information systems.



Signing ceremony witnessed by Egyptian Higher Education and Scientific Research Minister Khaled Abdel Ghaffar, according to Egyptian Gazette.

1839

Engineering

Memoranda of Understanding

- 1. Foshan University, School of Materials Science and Energy Engineering.
- 2. Guangdong University of technology, school of Chemistry Engineering and Light Industry.
- 3. Clausthal University.
- 4. University of Easy London.



International Collaboration Design Studio









International Competitions Participation



Earthquake Engineering research Institute EERI

Student Chapter: Annual International Seismic Design Competition Participation



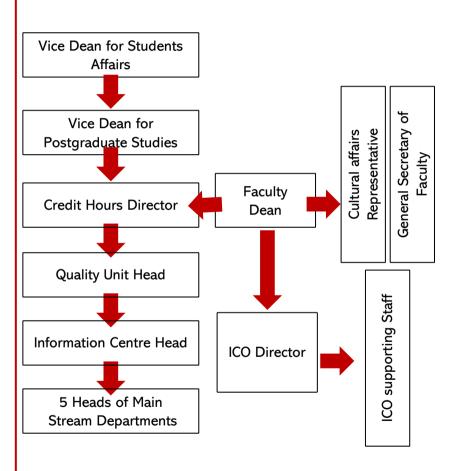




Faculty of Computer and Information Sciences



ICO Board Structure



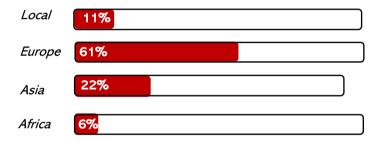


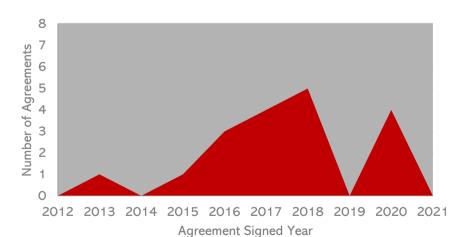
Faculty of Computer and Information Sciences

Statistical Data for Agreements, Memoranda and Protocols

Agreements

18 agreements have been signed between Faculty of Computer and Information Sciences, ASU and other universities from all over the world since 2013.

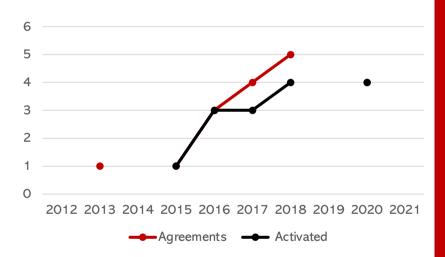




Statistical Data for Agreements, Memoranda and Protocols

Agreements

Activated Agreements against singed ones along the years:



Faculty of Computer and Information Sciences

Dual degree agreement with **East London University** in the fields of architecture, construction, computing, and information systems.

Five addition programs were added to the dual degree agreements in the credit hours' programs.

- · BSc (Hons) Bioinformatics Technology.
- BSc (Hons) Software Engineering.
- BSc (Hons) Artificial Intelligence.
- BSc (Hons) Cyber Security.
- BSc (Hons) Digital Multimedia.







Dual degree of the East London university state that:.

- Students of dual degree scholarship programs have all the rights and obligations for students enrolled at the University of London as British students.
- Students of dual degree scholarship programs can use the digital resources, accessing the university's website, and using the electronic library.
- All rights when visiting the university in London and a reduction in fees if students decide or choose to study one or more semesters in London, but travel is not compulsory as the dual certificate is granted to students upon completion of the study at the College of Computers and Information in Egypt and adherence to the quality standards stipulated in the agreement.

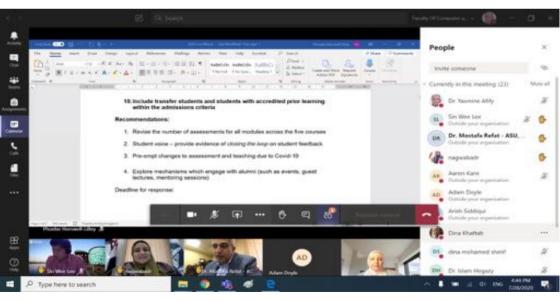






UEL Dual Degree Validation Meeting







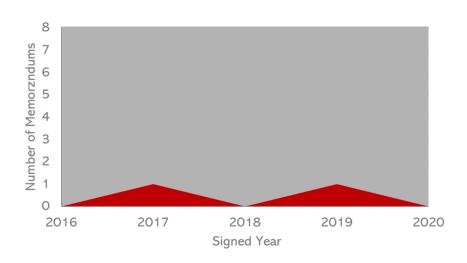
Faculty of Computer and Information Sciences

Statistical Data for Agreements, Memoranda and Protocols

Memoranda of Understanding

2 Memoranda have been signed between Faculty of Computer and Information Sciences, ASU and other universities from all over the world since 2017.

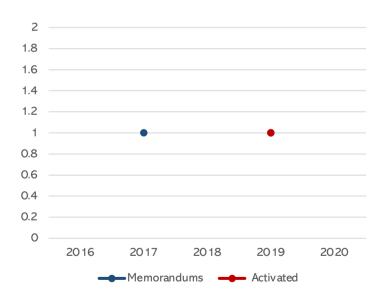




Statistical Data for Agreements, Memoranda and Protocols

Memoranda of Understanding

Activated Memoranda against singed ones along the years:

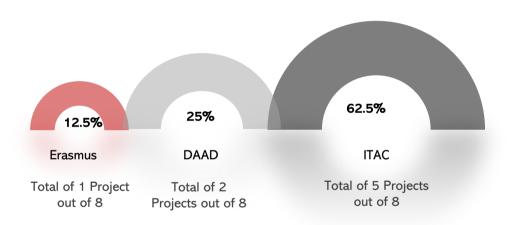


Faculty of Computer and Information Sciences

Statistical Data for the Internally Funded Research Projects

Research projects according to their Funding Institution

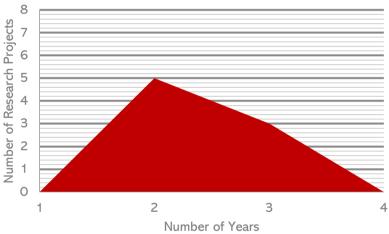
8 Research Projects have been externally financed from institutions all over the world since 2008.:

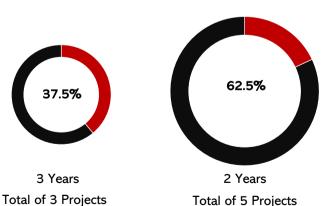


Duration of Research Projects "External Financing"

Research projects according to their Duration

Research Projects have been externally financed for 2 years up to 4 years.





out of 8

out of 8

The IEEE International Conference on Intelligent Computing and Information Systems (ICICIS19)













Philip S. Yu

UIC DISTINGUISHED PROFESSOR AND WEILER CHAIR IN INFORMATION TECHNOLOGY UNIVERSITY OF ILLINOIS AT CHECAGO, DEPARTMENT OF COMPUTER SCIENCE.



Guo, Yi-Ke

PROFESSOR OF COMPUTING SCIENCE IN THE DEPARTMENT OF COMPUTING AT IMPERIAL COLLEGE LONDON.



Mykola Pechenizkiy

PROFESSOR OF DATA MINING AT THE DEPAILTMENT OF MATHEMATICS AND COMPUTER SCIENCE,



Toon Calders

FULL PROFESSOR AT THE UNIVERSITY OF ANTWERP



Tarek El-Ghazawi

PROFESSOR IN THE DEPARTMENT OF ELECTRICAL AND COMPUTED ENGINEERING AT THE GEOGLE WASHINGTON UNIVERSITY,



Sarma Cakula

PROFESSOR AT THE FACULTY OF ENCINEERING, VIDZEME UNIVERSITY OF APPLIED SCIENCES.











Themes of the conference

- -Machine Learning, Artificial Intelligence, Pattern Recognition, signal & Mage Processing, Graphics and Data Visualization
- -High Performance Computing, Robotics and Embedded Systems
- -Data Analytics and Knowledge Discovery
- -Bioinformatics and Biomedical Applications
- -Information Systems, Computer Networks and Network Security
- -Software Engineering and Testing







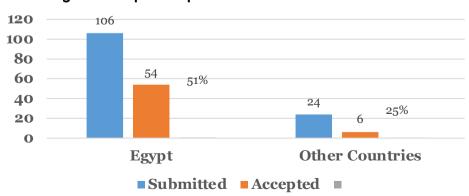




Percentage of Accepted Papers

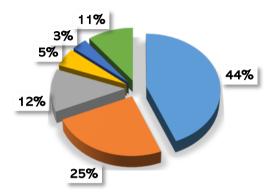


Percentage of accepted Papers



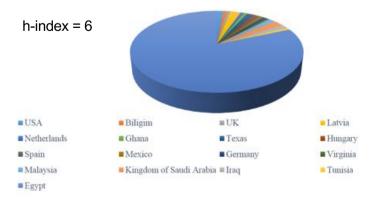
The IEEE International Conference on Intelligent Computing and Information Systems (ICICIS19)

No. of Papers/Research Topic



- Machine Learning, Artificial Intelligence, Pattern Recognition, signal &Image Processing, Graphics and Data Visualization
- Information Systems, Computer Networks and Network Security
- High Performance Computing, Robotics and Embedded Systems
- Data Analytics and Knowledge Discovery
- Software Engineering and Testing
- Bioinformatics and Biomedical Applications

Statistics of the papers submitted from different countries



Kaspersky SECUR'IT CUP'19

Hosting Kaspersky's annual cyber security competition for universities at FCIS ASU.

SECUR'IT CUP'I9

in partnership with



October 29, 2019

kaspersky

Responding to Cyber Attacks
How to secure?
This isn't the only question anymore!

Ayman Shaaban
Digital Forensic
and Incident Response Manager
Kaspersky













Huawei ICT Academy

Cooperation protocol to integrate **Huawei's** advanced academic content into FCIS ASU curriculum starting September 2020...



Dell Technologies: DevOps Session



Monday, 2nd of December 10:00 am At Genedy Hall





Omar AbdulAal is a Research and Development, and Software Engineer in the Dell Technologies Products & Operations Organization.

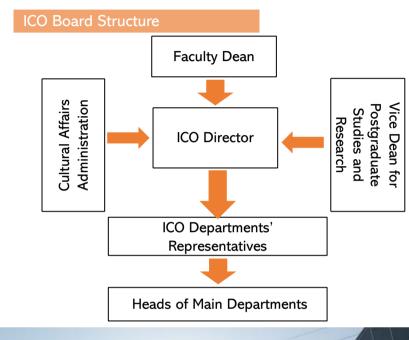
Omar is working on multiple intelligent infrastructure and systems- themed projects, and is passionate about systems engineering, automation and design within Tech field.

B Francisco State Facilities

D&LL Technologies











ICO Activities

Symposia in 2018



A symposium has been held in collaboration with FULBRIGHT to serve the 3 major sectors -Arts, Science and Education- in "Applying for Fulbright scholarships for Research and Study in USA" with attendance reached over 70 attendees of staff, alumni and undergraduate students.







Agreements

Academic Collaboration Agreement in 2020/2021

1 activated agreement has been signed between Faculty of Women for Arts, Science and Education and the 6th of October University for academic collaboration in postgraduate studies.

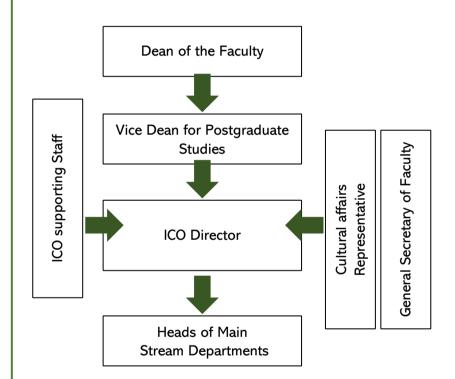




Al-Alsun (Languages)



ICO Board Structure



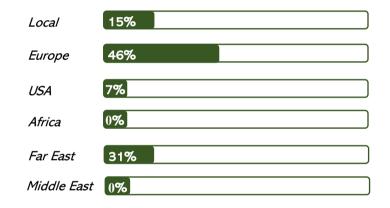


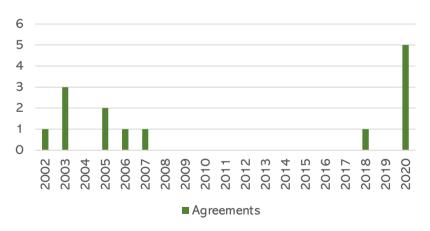
Al-Alsun (Languages)

Statistical Data for Agreements, Memoranda and Protocols

Agreements

13 agreements have been signed between Faculty of Alsun, ASU and other universities from all over the world since 2002...

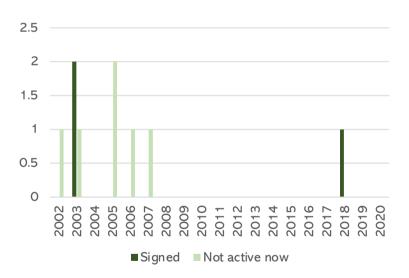




Statistical Data for Agreements, Memoranda and Protocols

Agreements

The % of Activated *Agreements* against singed ones along the years

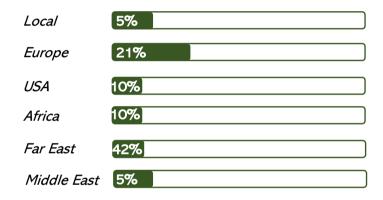


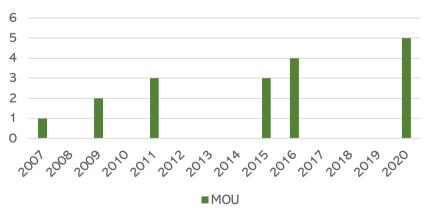
Al-Alsun (Languages)

Statistical Data for Agreements, Memoranda and Protocols

Memoranda of Understanding

19 Memoranda have been signed between Faculty of Alsun, ASU and other universities from all over the world since 2007.

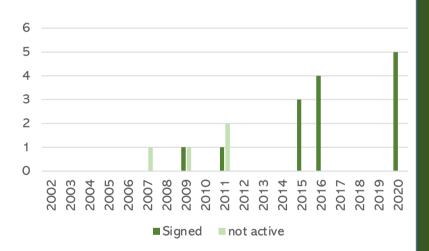




Statistical Data for Agreements, Memoranda and Protocols

Memoranda of Understanding

The % of Activated *Memoranda* against singed ones along the years



Al-Alsun (Languages)





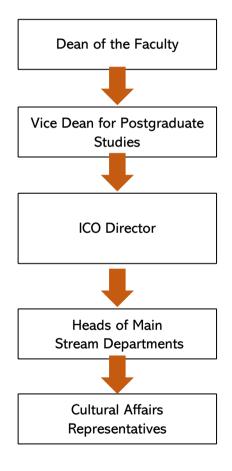




Faculty of Arts



ICO Board Structure

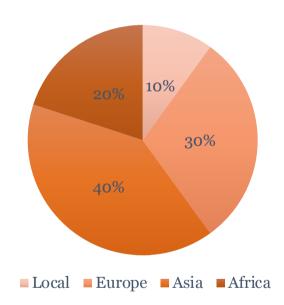




Faculty of Arts

Statistical Data for Agreements, Memoranda and Protocols

10 agreements with universities from all over the world since 2008...



Statistical Data of Agreements Status

Signed but not active: 20%

Signed and Active: 50%

Ongoing (to be finalized): 30%

Current Agreements arranged by year

2008	2009	2010	2011	2017	2018	2020
·30 %	·10 %	·10 %	·10 %	·10%	·10 %	•20 %

Institutes



Institute of Environment – Studies and Research

- 1. The International workshop for ecological engineering with Germany in 1985.
- 2. Environmental Education workshop with 9 African countries 1988 with UNESCO organization.
- 3. Environmental Impact Assessment training Program with Aberdeen university in Scotland in March 1988.
- 4. Environmental education Program for religious teachers with UNESCO organization..
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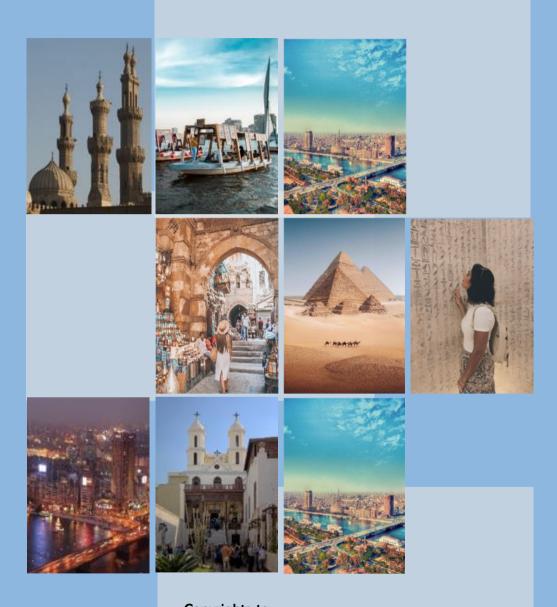
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