



# THE Impact Ranking SDG4 Report

# 4

## Quality Education



M. H. Mohameddin

## SDG4 Quality Education

A high-quality education should be an area where universities excel.

Education is a key gateway out of inequalities, especially multigenerational ones. In addition to improving quality of life, access to inclusive education can help equip locals with the tools required to develop innovative solutions to the world's greatest problems. SDG 4 explores early years and lifelong learning. We are exploring how universities support early years, lifelong learning, and their nations through ensuring equality of access to their facilities.

### Quality Education events

#### [Workshops at Pharos University in collaboration with KTH](#)

Within the framework of the cooperation with the Royal Institute of Technology in Sweden, Pharos University in Alexandria received a group of professors from the Royal Institute of Technology in Sweden (KTH) from the 13th to 16th of June 2022 to hold the workshops held at the university, where Assoc. Prof Albania Nissan in partnership with Prof. Anita Kullen presented a workshop entitled Workshop on Degree Project, where this workshop dealt with how to plan and follow up on students' projects of the Faculty of Engineering and the method followed by KTH in this regard. In addition to that, Dr. Elena Malakhatka presented a workshop entitled VR Solution Applied in Educational Programs and these workshops were attended by a group of faculty members and the staff to keep pace with the development in the educational process.



URL: [Workshops at Pharos University in collaboration with KTH | Pharos University in Alexandria \(pua.edu.eg\)](#)



### *Field Visit to the Alexandria Petroleum Company*

The Mechanical Engineering Department organized a field visit to the Alexandria Petroleum Company for 40 of its students from different academic levels for one full day. The students were accompanied with a number of Department professors.

At the beginning, the company lectured the students about the company's activities, stages of separating petroleum and distilling it into its various constituents. As well as the mechanical devices and equipment used to raise pressure, heating, evaporation, and distillation towers.

After that, engineers from the company took the students on a field tour to see what was demonstrated on the ground. It is worth noting that the company's training and human development officials commended the students' passion and interest in the practical side. As well as their good behavior and commitment during the visit.



URL: [Field Visit to the Alexandria Petroleum Company | Pharos University in Alexandria \(pua.edu.eg\)](https://pua.edu.eg)

### *PUA and IdeaSpace Sign a Cooperation Protocol*

In implementation of its field training plan, PUA signed a cooperation protocol with IdeaSpace Company, which represents the “Egypt Makes Electronics” initiative (EME) of the Information the Information Technology Industry Development Agency (ITIDA) to train PUA’s students.

This event was attended by:

**Dr. Ramadan Abu El-Ala**

Vice President for Community Service and Environment Development Affairs.

**Ahmed Mohamed Hassan**

CEO of IdeaSpace and EME Project Manager in Alexandria and Assiut.

**Prof. Dr. Mohamed Ismail Badawy**

Head of Department of Biomedical Equipment Technology.

**Eng. Abdullah Assem,**

Director of Training Programs.



## Education Development

In recognition of the Faculty Applied Health Sciences Technology and the Department of Biomedical Equipment Technology of the necessity of developing education through linking the academic activities with the Egyptian industrial initiatives; In pursuance of PUA's Administration's directives, and under the auspices of Prof. Dr. Ezzat Hassan, Dean of the Faculty and Prof. Dr. Hamdy Al-Wakil, Vice Dean for Education and Student Affairs; Based on coordination made by Asst. Prof. Dr. Mohamed Ismail Badawy, Head of the Department of Biomedical Devices Technology; *and* In response to the invitation extended by "Egypt Make Electronics" initiative (EME), which is funded by the Information Technology Industry Development Agency (ITEDA), of the Ministry of Communications, 17 Department students along with five faculty members and teaching assistants visited EME's Innovation Hub-Borg Al Arab.



The visit aimed to identify the possibilities available, and to open horizons for the Department students to implement their graduation projects.

As a result, the students learned about the initiative's capabilities and its advanced laboratories, such as printed circuit laboratories, manufacturing laboratories, artificial intelligence laboratories, and Internet of Things laboratories

URL: [Education Development | Pharos University in Alexandria \(pua.edu.eg\)](https://pua.edu.eg)

## *Graduation Projects Judging In Techno-Hayat Magazine*

PUA's Faculty of Mass Communication initiated the discussion and arbitration of the graduation projects of the fourth-year journalism and digital publishing students of the "Techno-Hayat" project. The students discussed their graduation project "Techno-Hayat", which is a magazine and website specialized in various fields of technology. The professors also gave a number of advices to the students about the media job market, how to excel, and the elements of a successful journalist amidst the digital transformation.

Further, this magazine aims to develop societal awareness of technological development, shed light on the positive side of technology, and provide solutions to its negative aspects. In addition, it shows how technology can be utilized in increasing productivity through the "Services – Technologies – Health, Culture and Art" tabs. It is also worth noting that the Techno-Hayat project has been generated by the faculty's laboratories as part of the "Make Your Own Project" initiative, which was launched last year. This initiative seeks to enable the students to handle all the details of media and journalistic work, starting from writing to direction. This serves as a practical training for the students under the supervision of the faculty's professors. In addition, the project was judged by a group of journalistic writers and professors, namely: Dr. Mahmoud Muslim, editor-in-chief of Al-Watan newspaper and member of the Senate, Prof. Akram Al-Qassas, editor-in-chief of Al-Youm Al-Sabaa newspaper, and Mr. Ali Mahmoud, managing editor of Al-Ahram e-portal.



### *PUA Signs a Cooperation Protocol with Linguaphone British Institute for Languages*

In pursuance of the field training plan of the Faculty of Language and Translation, PUA signed on Wednesday, June 8, 2022, a cooperation protocol with the Linguaphone British Institute for Languages to train the students of the Faculty of Languages and Translation.

It is worth noting that the aforementioned Institute trains the students of the Faculty of Languages and Translation from all its departments in the following languages: “English, French, Turkish, Chinese, German, Japanese.”

This event was held in the presence of Prof. Dr. Ramadan Abu Al Ela, Vice President for Community Service and Environmental Development Affairs, Prof. Dr. Sahar Hamouda, Dean of the Faculty of Languages and Translation, Mrs. Rania Bassiouni, Head of Field Training Unit and Mrs. Dina Ahmed Ghanem, Director of Linguaphone British Institute for Languages.





### [free General English Course for everyone](#)

Pharos University in Alexandria now offers a free Face-to-Face General English Course.

**Sunday to Thursday from 9:30 am to 11:45 am Egypt time**

For more information

Call: 033877347/217

WhatsApp: 01558357937

URL: [free General English Course for everyone | Pharos University in Alexandria \(pua.edu.eg\)](https://pua.edu.eg)

### [Virtual Lecture on Pharmacognosy and Metabolomics](#)

In the context of its international cooperation with the University of Picardie Jules Verne (UPJV) – France, PUA's Faculty of Pharmacy announces a virtual lecture on "Pharmacognosy and Metabolomics" on Wednesday, April 6, 2022 – 2:30 PM local time. The lecture, which is targeted to the sophomore students of Pharmacy D and Clinical Pharmacy Department, is hosted by Dr. Roland Molinié, Lecturer of Pharmacognosy and Metabolomics.

The poster features a central graphic of a human silhouette composed of colorful, abstract shapes. Text is overlaid on this graphic. Logos for Pharos University in Alexandria and Université de Picardie Jules Verne are in the top corners. A portrait of Dr. Roland Molinié is on the right side.

**Faculty of Pharmacy  
Pharos University in Alexandria**

In cooperation between  
Faculty of Pharmacy, Pharos University in Alexandria &  
Université de Picardie Jules Verne (UPJV) – France

Faculty of Pharmacy announces a virtual lecture for  
sophomore students entitled;  
**"Pharmacognosy and metabolomics"**

on **Wednesday 6<sup>th</sup> of April, 2022**  
from **2:30 – 4:30 PM** Egypt time

**Dr. Roland Molinié**  
**Lecturer of Pharmacognosy and Metabolomics**

URL: [Virtual Lecture on Pharmacognosy and Metabolomics | Pharos University in Alexandria \(pua.edu.eg\)](https://pua.edu.eg)





### *Faculty of Languages and Translation Holds an International Conference*

The Faculty of Languages and Translation held a 2-day international conference in collaboration with Trinity College, Dublin University entitled “Translation and Teaching: Challenges and Perspectives”. The conference had great feedback from 140 attendees from all around Egypt as well as attendees from Trinity College virtually. The conference dealt with a variety of topics on invitation methods of teaching and recent research on Translation. All abstracts were published in the conference procedures as well as keynote speakers’ abstracts. The conference held parallel sessions to cover a variety of topics. The attendees were thrilled by the organization, topics, and networking vibes.

Thank you note to all our sponsors: Capital Professional Development, American Council Egypt, IDP, and ECL Cambridge.



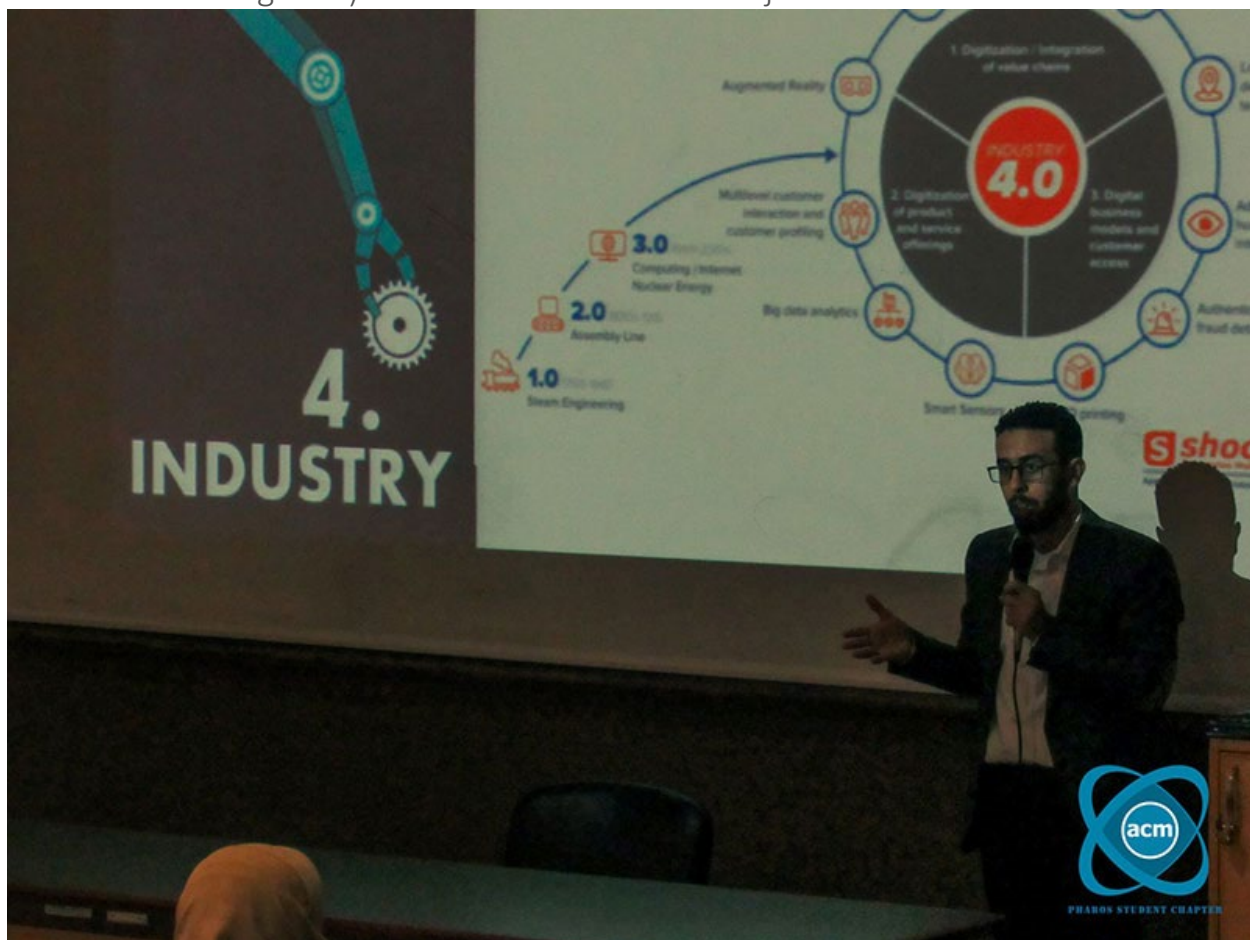
URL: [Faculty of Languages and Translation Holds an International Conference](#)

## [Faculty of Engineering Organizes a Workshop: Industry 4.0 and Digital Twinning in Effective Teaching](#)

Due to the implications of industry 4.0, major changes occurred to the businesses that strongly affected manufacturing processes and competitive features of local and international companies, industries and systems.

In this regard, Faculty of Engineering, PUA organized a workshop that aims at contributing in the discussion on the effect of Industry 4.0 through surveying academic and industrial viewpoints. This can be done through the application of the technologies of the 21<sup>st</sup> century Industry 4.0. These technologies include Smart Manufacturing, Industrial Internet of Things, PC-based Controls, Autonomous Things (AuT), AR/VR, Artificial Things, which are considered the core of Industry 4.0.

The workshop was followed by a general lecture for the interested students to discuss a variety of major scientific topics such as (AI, Cloud Computing, Self-Driving Cars) and their relevance to the job market.



## [PUA's Faculty of Engineering Sign a Cooperation Protocol with TÜV AUSTRIA](#)

In the context of supporting the academic study of the faculty students, providing them with practical and field experiences, and linking the curricula with industrial fields to achieve the sought integration, Prof. Dr. Mohamed Gaber Abou Ali, Dean of the Faculty of Engineering along with a group of the faculty professors welcomed Mr. Osama El-Sayed Ibrahim, Regional Director of TÜV AUSTRIA, on Wednesday, January 26, 2022. The meeting included the signing of a cooperation protocol between PUA's Faculty of Engineering and TÜV Austria.

In addition, during this meeting, aspects of cooperation between the two parties were tackled. These aspects included providing training opportunities and specialized workshops for the faculty students, providing experienced staff to supervise the students' research and projects at the faculty, which would provide solutions to some of the industry's problems. In a similar context, the faculty organizes training programs, workshops, conferences and seminars for the company's employees. It also provides academic consultations in light of the experience of its professors to solve some of the company's problems, which requires conducting research and studies in this regard.





### *Collaborative interactive learning*

The college of Tourism and Hotel Management, Pharos University in Alexandria, is adopting the COIL strategy (Collaborative Online International Learning) and is embedding it into its curriculum, supported by a rich international network of distinguished partners, including Universities, tourism organizations and independent professionals.

This approach is a globally widespread and recognized teaching method, supporting online interaction and collaboration between students from different countries as a virtual-mobility-and-exchange-based strategy, lead to quality enhancement of the education system as it provides students with an opportunity to interact with professors, professionals and peers at an international scale, to develop their intercultural competencies, digital skills and to allow them to learn from different international perspectives

URL:<https://www.pua.edu.eg/wp-content/uploads/2021/12/COIL-E.pdf>

### *A Partnership between Pharos University in Alexandria (PUA), Egypt and TOI-OHOMAI Institute of Technology, New Zealand*

Pharos University in Alexandria (PUA), Egypt, and TOI- OHOMAI Institute of Technology, New Zealand, have signed a Memorandum of Understanding intending to create a purposeful partnership and mutually beneficial cooperation in the fields of education, exchange of knowledge and collaborative research. The collaboration between both institutions is in various areas including Business Management, Hospitality and Tourism, and Information Technology.

TOI- OHOMAI Institute of Technology is a subsidiary of Te Pūkenga, New Zealand's largest tertiary education provider, with more than 12,000 students studying across various campuses in Rotorua, Taupō, Tauranga, Tokoroa and Whakatāne. PUA is the first private university in the North of Egypt located in the heart of the Mediterranean city of Alexandria. PUA's modern campus stretches over 50 acres to serve more than 15000 students across twelve faculties.

URL:[A Partnership between Pharos University in Alexandria \(PUA\), Egypt and TOI- OHOMAI Institute of Technology, New Zealand | Pharos University in Alexandria](#)



### *Pharos University Organized Meetings with KTH Royal Institute of Technology*

The International Relations Department organized many Zoom meetings between the academic staff of the Faculty of Engineering and KTH Royal Institute of Technology on 22-23 March, in order to track engineering students' exams. During these meetings, the exams' models and quality standards were discussed. It is worth mentioning that the teaching schedule has been approved for the next semester (spring 2020/2021).



URL: [Pharos University Organized Meetings with KTH Royal Institute of Technology | Pharos University in Alexandria \(pua.edu.eg\)](https://pharos-university.org/Pharos-University-Organized-Meetings-with-KTH-Royal-Institute-of-Technology/)



*Pharos University Participated in Africa Higher Education Webinar*

Pharos University participated in a webinar entitled “Towards Linked Africa Higher Education: Windows of Opportunities” organized under the supervision of the Association of African Universities’ North Africa Regional Office “AAU-NARO”. This was held on Wednesday, 17 March 2021. It is worth mentioning that more than 20 African universities participated in the webinar including Pharos University which was represented by Prof. Boshra Salem, Dean of Postgraduate Studies and Research in Pharos University and Dr. Mennatallah Gowayed, the PUA International Relations Coordinator.

During the webinar, on behalf of PUA president Prof. Boshra Salem gave a speech to representatives of “NARO” and participating universities and thanked “NARO” for inviting Pharos University to be a part of activities to mark NARO’s two years’ anniversary. This was followed by a presentation by Dr. Mennatallah Gowayed on PUA international relations specially with the Corona circumstances. It is worth mentioning that Pharos University is the only Egyptian university presented the topic of internationalization and international relations.



URL: <https://www.pua.edu.eg/pharos-university-participated-in-africa-higher-education-webinar/>



### *Pharos University Received the Director of the Japan Foundation in Cairo*

Pharos University welcomed Mr. Yoo Fukazawa, the Director of the Japan Foundation in Cairo on Sunday, 21 February 2021. He was received by Prof. Mahmoud Mohy El Din, the President of Pharos University, Prof. Sahar Hamouda, the Dean of the Faculty of Languages and Translation, Dr. Mohamed Abdel Fattah Ragab, the Secretary General and Dr. Mennatallah Gowayed, the PUA International Relations Coordinator. They discussed way of teaching Japanese Language in PUA through courses supervised by the Japan Foundation. At the end of the day, Dr. Mohamed Abdel Fattah Ragab, the Secretary General presented the university shield to Mr. Yoo Fukazawa.



url: [Pharos University Received the Director of the Japan Foundation in Cairo](#)



## *A New Partnership between PUA and Trinity College Dublin*

Pharos University in Alexandria (PUA), Egypt, and Trinity College Dublin (TCD), Ireland, have signed a Memorandum of Understanding to inaugurate their new partnership. The collaboration between both institutions is in the field of Applied Linguistics and includes mutual engagement in undergraduate education, postgraduate studies, and research. Founded in 1592, Trinity is Ireland's highest ranked university and has produced some of the world's finest writers such as Oscar Wilde and Samuel Beckett, a Nobel Prize Laureate. Trinity's School of Linguistic, Speech and Communication Sciences is an internationally recognized reference point for the scientific study of language, characterized by an emphasis on communication diversity and inclusion, fostering critical curiosity, a nurturing learning environment, and working collaboratively.

Professor Mahmoud Mohy El Din, PUA President, expressed his deep satisfaction with the agreement stating, "Trinity College Dublin is a wonderful partner and this step reflects our strategy for internationalization and cooperation with top ranked universities to exchange knowledge and culture." "We are very excited to extend our work with Trinity College Dublin" added Professor Sahar Hamouda, Dean of the Faculty of Languages and Translation at PUA, "This cooperation will enable us to further develop our teaching of Applied linguistics and expose our staff and students to distinguished expertise from Ireland through the planned academic exchange activities. I would like to sincerely thank Dr. Lorna Carson for her great effort in moving our collaboration forward particularly in a year that was challenged with all the uncertainties of the pandemic."

From Trinity's side, Dr. Lorna Carson stated, "I welcome this deepening collaboration between our School and the Faculty of Languages and Translation at PUA. Our joint expertise in Applied Linguistics makes this a very meaningful partnership and we look forward to working closely with staff and students from PUA over the coming years."

PUA is the first private university in the North of Egypt located in the heart of the Mediterranean city of Alexandria. PUA's modern campus stretches over 50 acres to serve more than 13000 students across twelve faculties. The PUA Faculty of Languages and Translation offers degrees in English, French, Chinese, Spanish and Turkish language in addition to German and Italian as





second languages. With a broad background in culture studies, vigorous training in language and translation skills, and integration of technology-based teaching methodologies, the faculty arms students with knowledge and skills for a global job market.



url: [A New Partnership between PUA and Trinity College Dublin | Pharos University in Alexandria](#)

### *Confucius Announcement*

The International Relations Department – Pharos University in Alexandria in cooperation with Confucius institute in Cairo announces the opening of registration for the Chinese language online course (July 2020) from 14th to 30th June 2020, note that this course will begin on Saturday, 4 July 2020.

To register please head to the International Relations office in The Administrative Building – third floor from 10 am to 1:30 pm.

URL: [Confucius Announcement | Pharos University in Alexandria \(pua.edu.eg\)](#)

### *A Delegation from the University of Malaga in a Visit to Pharos University*

Under the cooperation agreement signed lately between Pharos University and the Faculty of Tourism at the University of Malaga (UMA, Universidad de Málaga), the faculty of Tourism and Hotel Management at Pharos University received a delegation from UMA on Monday, 24 February 2020.

The delegation was comprised of:

- Antonio Guevara, the Dean of faculty of Tourism at the UMA.
- Antonio Peláez, the UMA International Relations Coordinator.

The delegation was received by:

- Mahmoud Mohy El-Din, the President of Pharos University.
- Norhan Fanaky, the Vice-President for Education and Student affairs.
- Mona Barakat, the Dean of the Faculty of Tourism and Hotel Management in PUA.
- Menatallah Goweyad, the PUA International Relations Coordinator.
- Tamer El Sawy, the faculty International Relations Coordinator.
- Assistant Lecturer Basant Shahin, the faculty International Relations Coordinator.
- Faculty members and teaching assistants.

This three-day visit included several meetings to discuss future cooperation in the field of tourism and hotel management between the two parties. The delegation was also introduced to the facilities of the university which they praised.





### *A KTH High-level Delegation in a Visit to Pharos University*

Under the cooperation agreement signed between the KTH Royal Institute of Technology in Sweden and Pharos University, the faculty of Engineering received a delegation of eight KTH faculty members on Sunday, 23 February 2020 in a four-day visit. It is worth mentioning that the delegation was comprised of the following:

- Associate Prof. Albania Nissan, the PUA-KTH Project Leader.
- Göran Engdahl, the Coordinator of the Electrical Engineering Programme.
- Björn Palm, the Coordinator of the Mechanical Engineering Programme.
- Yohannes Kiros, the Coordinator of the Petrochemical Engineering Programme.
- Johan Karlander, the Coordinator at the Computer Engineering Programme.
- Daniel Tesfamariam Semere, the Coordinator of the Production Engineering Programme.
- Raied Karoumi, the Coordinator of the Structural Engineering and Bridges Programme.

The programme of the visit featured several lectures for the students of the faculty of Engineering and a workshop for the academic staff members of the Electrical Engineering Department. In addition, several meetings were held between the delegation and the faculty senior academic staff to discuss and follow up the proceedings of the joint programme.





## [Pharos University Organizes Two Workshops on the Sidelines of the 2nd International Conference of the Faculty of Pharmacy and Drug Manufacturing](#)

On the sidelines of the 2<sup>nd</sup> international conference of the faculty of Pharmacy and Drug Manufacturing, two workshops are organized on 9-10 March 2020 from 9 am to 4 pm. The first workshop is on “How to Implement Flipped Classroom Approach in University Courses” and delivered by Prof. Markku Saarelainen, a Professor of Physics at University of Eastern Finland (UEF) and a Professor of Practice at Tampere University (TAU) in Finland.

Meanwhile, the second workshop which is about “Synthesis, Processing, Characterization and Functional Validation of Inorganic Nanomaterials for Bio-applications”, is delivered by Prof. Muhammet Toprak, a Professor of Materials Chemistry, Nanochemistry Research Group in the KTH -Sweden. For registration, please contact us on [icmaps.international@pua.edu.eg](mailto:icmaps.international@pua.edu.eg)

DEPARTMENT OF INTERNATIONAL RELATIONS

# UPCOMING WORKSHOPS

MARCH 2020

**UNIVERSITY OF EASTERN FINLAND**

**Prof. Markku Saarelainen**  
University Lecturer in Physics, University of Eastern Finland (UEF) and Professor of Practice Tampere University (TAU), Finland

**Prof. Muhammet Toprak**  
Professor of Materials Chemistry, Nanochemistry Research Group, KTH, Sweden

**How to implement Flipped Classroom in university courses** MARCH 9, 2020 9 am - 4 pm

The workshop is about implementation of the flipped classroom method in practice. In the workshop I will go through my “teachers guidebook”, useful tips and technology that we have used in the Finnish universities. According to my experience, my examples and methods of instruction initiates discussion and rises questions. I would gladly use time to deepen the concept of using flipped classroom based on the participants demands and their wishes.

**Synthesis, processing, characterization and functional validation of Inorganic Nanomaterials for bio-applications** MARCH 10, 2020 9 am - 4 pm

The workshop aims at providing an overview of i) Inorganic Nanomaterial architectures; ii) Inorganic Nanomaterials in medicine; iii) Solution based Inorganic Nanomaterial synthesis strategies; iv) Basic Solution thermodynamics, solubility, K<sub>sp</sub>, pH concepts; and v) provide software training on water based solution thermodynamics calculations for design of simple experiments for nanomaterial synthesis.

For registration please contact us through email :  
[icmaps.international@pua.edu.eg](mailto:icmaps.international@pua.edu.eg)

### *A Delegation of Yunnan University in a Visit to Pharos University*

Pharos University received a high-level delegation of Yunnan University in China on Tuesday, 14 January 2020. The delegation was comprised of Prof. Hussien Ibrahim, the former Cultural Attaché of Egypt in the People's Republic of China and a Consultant to Pharos University on Egyptian-Chinese relations. The delegation was received by Prof. Mahmoud Mohy El Din, the President of Pharos University; Prof. Nourhan Fanaky, the Vice President of Education and Student Affairs; Prof. Tarek Taha, the Dean of the Faculty of Financial and Administrative Sciences; Prof. Mohamed Gaber, the Dean of the Faculty of Engineering; Prof. Leyal Kamel, the Dean of the Faculty of Languages and Translation; Prof. Nahed Abdallah, the Head of the Chinese Language Department at the Faculty of Languages and Translation; Prof. Wael Moustafa, the Vice Dean of the Faculty of Financial and Administrative Sciences and the Faculty International Relations Coordinator; Dr. Mohamed Abdelfattah Ragab, the Secretary General and Dr. Mennatallah Gowayed, the PUA International Relations Coordinator. The visit featured discussing many topics, including seeking means of cooperation between Yunnan University and the Chinese Language Department and other faculties of Pharos University.



On their part, the delegation of the Chinese University expressed their approval of launching a student exchange programme between the two universities to open up an opportunity for PUA students to study business administration at Yunnan University in China.



This was in addition to implement a faculty exchange programme in different specializations with the aim of exchanging expertise between the two parties. At the end of the visit, Prof. Mahmoud Mohy El Din presented the university plaque to the representatives of Yunnan University.

URL: [A Delegation of Yunnan University in a Visit to Pharos University | Pharos University in Alexandria \(pua.edu.eg\)](#)