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## ELEGANT Erasmus+ CBHE project

Enhancing Teaching, Learning and Graduate  
Employability through  
University-Enterprise Cooperation

610265-EPP-1-2019-1-HR-EPPKA2-CBHE-JP

Erasmus+ KA2 – Capacity Building in the field of Higher Education

# NEWSLETTER II

## November 2023

The project aims to enhance university enterprise cooperation in Jordan and Lebanon in order to improve teaching and learning in partner universities, enhance the employability of graduates and create conditions for applied research cooperation and knowledge transfer between partner universities and enterprises.

The general objectives of the project are:

- To stimulate the development of an enterprise cooperation culture at partner universities.
- To promote the sharing of good practice for establishing university-based Enterprise Liaison Offices, and developing new forms of industry-oriented education in a number of Jordanian and Lebanese Universities.
- To improve the ICT curricula and upgrade the capacities of academic and technical staff of partner universities.
- To develop a coherent information and communication strategy for the University communities within the local business environment.
- To develop a programme-strategy to support students to develop their master theses and internships with enterprises to enhance their employability

### Disclaimer

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# Educational Transformation workshop organised by SU at PSUT

28 – 30 November 2022

"Education Transformation: Computer Science and Games Design & Programming" is title of a workshop organized by the UK project partner, Staffordshire University, from November 28th to November 30th, 2022 at Princess Sumaya University for Technology in Amman.

An engaged cohort of twenty-one participants from Jordanian and Lebanese universities was introduced to the skills that are imperative for the development, modernization, and effective delivery of courses in the realms of games design and computer science.

Over the course of these three days, participants immersed themselves in intensive sessions, collaborative dialogues, and hands-on interaction with technology used in the delivery of courses within this area under supervision of five experts from Staffordshire University.



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Princess Sumaya University for Technology  
الجامعة الأردنية للتكنولوجيا

STAFFORDSHIRE UNIVERSITY

**"Enhancing Teaching, Learning and Graduate Employability through University-Enterprise Cooperation – ELEGANT 2019-2022"**  
610265-EPP-1-2019-1-HR-EPPKA2-CBHE-JP

Princess Sumaya University for Technology  
&  
Staffordshire University

Conducting a workshop titled:  
**"Education Transformation: Computer Science and Games Design & Programming"**

28 – 30 November 2022  
Amman, Jordan

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Day 1:  
Monday, November 28, 2022

11:30 AM – 11:45 AM	Registration
11:45 AM – 12:00 PM	Welcome Note by PSUT Contact person Mr. Yazan Abu Vaghi
12:00 PM – 13:30 PM	Gamifying Higher Education David James
13:30 PM – 13:45 PM	Coffee Break
13:45 PM – 15:45 PM	The structure of SJU Computer courses and modules Vahid Heydari BSc Computer Science BSc Cyber Security MSc Computer/Cyber Security
15:45 PM – 16:45 PM	Lunch

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Day 2:  
Tuesday, November 29, 2022

09:45 AM – 10:00 AM	Registration
10:00 AM – 11:30 AM	Computing courses/modules evaluation and monitoring Vahid Heydari
11:30 AM – 11:45 AM	Coffee Break
11:45 AM – 13:15 PM	Engaging Games Design Students in Industry Readiness with Games Frameworks David James
13:15 PM – 14:15 PM	Lunch
14:15 PM – 14:15 PM	Undergraduate/postgraduate final year project arrangement and evaluation Abdel Hamid Soliman

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Day 3:  
Wednesday, November 30, 2022

09:45 AM – 10:00 AM	Registration
10:00 AM – 12:00 PM	Education 4.0: The digital transformation and employability Abdel Hamid Soliman
12:00 PM – 12:15 PM	Coffee Break
12:00 PM – 13:30 PM	Revising Individual Curriculum (All SU team)
13:30 PM – 14:30 PM	Lunch
14:30 PM – 16:30 PM	Revising Individual Curriculum (All SU team)

# Advanced Topics in AI, Cybersecurity and Big Data Workshop - UNIVPM

06-10 February 2023

The workshop "Advanced Topics in AI, Cybersecurity, and Big Data" was hosted by the Università Politecnica delle Marche, Ancona, Italy, 6-10 February 2023. This workshop exemplifies our steadfast commitment to advancing academic programs and enriching graduate employability by engaging our academic colleagues in the latest development in their teaching and research fields in conjunction with partner universities in the EU. This workshop consisted of three strands of AI, Cybersecurity and Big Data, each led by one of the leading academics in the field, Professors Adriano Mancini, Marco Baldi, and Domenico Potena respectively.

With a twelve dedicated participants this workshop with its three sub-groups, the participants were introduced to the knowledge and skills essential for the development, modernization, and effective delivery of courses encompassing AI, cybersecurity and big data.

Over the course of these five stimulating days, participants delved into intensive sessions on issues at the frontiers of knowledge and research in the three areas, engaged in collaborative discussions, and immersed themselves in practical exercises. They shared best practices, teaching techniques and resources that can be used in classrooms at their home institutions as well as their own research activities. In this way, additional step was made towards the modernization and revision of courses in higher education institutions from Jordan and Lebanon with the aim of enhancing graduate employability.



## Project Monitoring Meeting, Jordan

6-8 December 2023

The Assistant Project Coordinator (Prof Iraj Hashi, Univ of Dubrovnik) and the External Evaluator of the project, Mrs Jenny Herbert made a Monitoring Visit to partner universities in Jordan. The Lebanese partner institutions also attended the main meeting. The project Monitoring Meeting took place on 6 December at PSUT, Amman. Partners discussed the progress of the project and the quality issues at their institutions. Prof Hashi reviewed the overall progress of the project in terms of targets achieved for activities completed as well as the targets for remaining activities. Mrs Jenny Herbert elaborated the issue of the quality of outputs and the impact of the project on partner universities, students, staff and the society at large. On 7th and 8th December, the Assistant Coordinator and the External Evaluator visited Jordan University of Science and Technology and the Al Balqa Applied University. They met groups of participants in the activities of the project and discussed the quality of their experience on various visits and online meetings.

# UNIDU Workshop on Digital Business Tools held in PSUT and ABAU

20-21 February 2023

The workshop on Digital Business Tools was organised by UNIDU at both Princess Sumaya University for Technology and Al Balqa Applied University on 20<sup>th</sup> and 21<sup>st</sup> February 2023. Five senior Croatian professors, Nebojsa Stojcic, Jurica Pavicic, Božidar Jaković, Zoran Krupka and Goran Vlastic, made a variety of presentations on different applications of recent developments in digital technology to the business fields for staff and PhD students at partner universities in Jordan. They held intensive discussions with participants and exchanged views on the application of digital technologies in the Jordanian context.





# BAU and MUBS Organised a Series of Seminars in Lebanon

6-8 March 2023

Within the framework of ELEGANT Erasmus+ CBHE project aiming at enhancing university enterprise cooperation in Jordan and Lebanon, BAU and MUBS organized three seminars and a project monitoring meeting in Lebanon in the period of March 6-8, 2023:

- University-Enterprise Links : The experience of European partners (21 participants attended the event), 6 March 2023
- Project Monitoring Meeting, 6 March 2023
- National Exploitation Seminar (73 participants attended the event)
- A work-Ready Seminar: Stand out to Get Hired (95 participants attended the event)



# University-Enterprise Links Seminar, BAU and MUBS, Lebanon

6 March 2023





# National Exploitation Seminar, BAU and MUBS, Lebanon

7 March 2023





# Work Ready Seminar, BAU and MUBS, Lebanon

8 March 2023



# Senior Project Competition First Engineering Scientific Day - BAU

3 May 2023

The Faculty of Engineering held its First Engineering Scientific Day on May 3rd , 2023, at the A4 building. This event was organized to highlight the extraordinary effort of the societies/chapters and clubs at the faculty during the current academic year, and to showcase the 45 Senior Projects representing all Engineering programs in the Debbieh and Tripoli campuses. All societies/chapters and clubs were awarded certificates of appreciation and all Senior Projects students were awarded certificated of participation by the Dean of Engineering, Professor Adel El Kordi. Moreover, under the scope of the "ELEGANT" Erasmus+ project a competition between Computer Engineering Senior Projects was held and three Senior Projects were chosen to be best projects and were awarded prizes.



# Data Acquisition Workshop and LabVIEW Hackathon - BAU

23 May 2023

The workshop and hackathon were attended by more than 30 students and their mentors from the following universities, BAU, LU, RHU, IUL and LIU. Engineer Tony Ayoub delivered the workshop representing Saab RDS. The hackathon was intended to design solutions using LabView and it had two tracks one using myDAQ and the other myRIO hardware components. The winners for myDAQ track were two teams from BAU and IUL, and the winners for myRIO track were two teams from BAU and LU. In addition, Saab RDS CEO, Engineer Ralph Saab, signed a Memorandum of Understanding with BAU in the framework of the ERASMUS+ Capacity Building in Higher Education Project 'ELEGANT' to provide internship opportunities to our students.





# Senior Project Competition Department of Computer Science – BAU

30 May 2023

The Senior Project Competition witnessed an impressive turnout, with various prominent companies actively participating and evaluating the projects. Among the distinguished company representatives were ICC Group, ATS, IDS, Vanrise, AI Directions (Dubai), Quantum Trading, Certiport, ITLS, and Ciment de Sibline. Their presence not only provided valuable industry insights but also offered a unique opportunity for students to network and establish connections with potential employers.





# Industry Collaboration and Curriculum Development Workshop on: Games and Artificial Intelligence, Staffordshire , U.K.

30 May-2 June 2023

Staffordshire University was the organiser of the above staff and curriculum development workshop. A wide range of speakers from SU participated in this workshop and shared their experience with the 8 professors from JO and LB partner universities. The role of industrial collaboration in designing and developing games was the focus of this workshop.



The poster features logos for ELEGANT (Enhancing Teaching, Learning and Graduate Employability through University-Enterprise Cooperation), Staffordshire University, and the Erasmus+ Programme of the European Union. The text on the poster includes the workshop title, dates (30<sup>th</sup> May – 2<sup>nd</sup> June 2023), the organizing department (School of Creative Arts and Engineering, Department of Engineering, Staffordshire University), and the venue (Catalyst Building, Leek Road; Mellor Building, College Road; Staffordshire University ... Stoke-on-Trent Campus). The footer repeats the ELEGANT mission statement.

**ELEGANT**  
Enhancing Teaching, Learning and Graduate Employability  
through University-Enterprise Cooperation

**STAFFORDSHIRE UNIVERSITY**

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**Industry Collaboration and Curriculum Development Workshop on:  
Games and Artificial Intelligence**

*30<sup>th</sup> May – 2<sup>nd</sup> June 2023*

**Workshop organised by:**  
*School of Creative Arts and Engineering  
Department of Engineering  
Staffordshire University*

**Venue:**  
*Catalyst Building, Leek Road  
Mellor Building, College Road  
Staffordshire University ... Stoke-on-Trent Campus*

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Enhancing Teaching, Learning and Graduate Employability through University-Enterprise Cooperation  
(E)LEGANT

# MUBS Erasmus+ Dissemination & Info Day 2023 - MEDID 2023

13 July 2023

Under the Auspices of His Excellency the Minister of Education & Higher Education, Dr. Abbas Halabi, represented by Dr. Mazen Khatib, Acting Director General of H.E, Modern University for Business & Science (MUBS) organized the “MUBS Erasmus+ Dissemination & Info Day 2023 - MEDID 2023” on Thursday, July 13, 2023 at the Ministry of Education & Higher Education - UNESCO - Beirut.

The Erasmus+ program has been an instrumental force in nurturing academic collaboration, cultural understanding, and personal growth for countless individuals across the globe. By facilitating student and staff mobility, encouraging strategic partnerships, and supporting capacity building and innovative projects, Erasmus+ has become a beacon of hope and opportunity for aspiring learners.

MEDID was attended by 150 participants representing local and international universities, ministry staff, students, and stakeholders and the event constituted an invaluable platform to exchange knowledge, share best practices, and explore new avenues for Erasmus+ collaboration.



# Advanced Security and Connectivity: Exploring Malware Detection, Intelligent Systems, and Smart IoT - MUBS

14 July 2023

Within the framework of the ELEGANT Erasmus+ project activities, MUBS Office of International Affairs in collaboration with MUBS Computer Science Department organized on July 14, 2023 a workshop about "Advanced Security and Connectivity : Exploring Malware Detection, Intelligent systems, and smart IoT".

In addition to the Lebanese participants, the ELEGANT project partners: Prof Abdel Hamid Soliman and Dr Vahid Heydari Tafreshi from Staffordshire University and Profs Walid Salameh and Ammar Odeh from Princess Sumaya University for Technology also presented their research at this Workshop.





# MUBS CS Department Senior Projects Competition - MUBS

14 July 2023

Within the framework of the ELEGANT Erasmus+ project activities, MUBS Office of International Affairs in collaboration with MUBS Computer Science Department organized a senior project competition on July 14, 2023 .

Ms Lora Lamah (Rachya), supervised by Dr. Ziad Kassam was selected as the winner of the competition. Her project involved Creating a Website for Hasbayya Municipality.





# National Exploitation Seminar Jordan, PSUT, Amman

18 September 2023

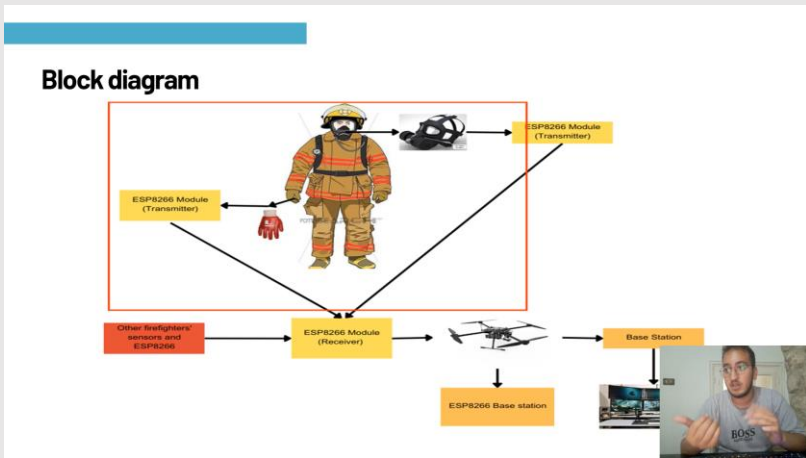
AMMAN — Prof Wejdan Abu Elhaija, President of Princess Sumaya University for Technology (PSUT), inaugurated the National Exploitation Seminar of the ELEGANT project on 18 September. She highlighted the university's focus on international networking and fostering local and global collaboration. The university president also noted the significant support provided by HRH Princess Sumaya, the chairperson of the board of trustees, in advancing science and nurturing a generation of accomplished young entrepreneurs. Prof Ahmad Abu Elhaija, Director of the National Erasmus Plus Office, delivered a presentation highlighting the crucial role played by the Erasmus Plus Office and discussed key projects, grants, opportunities and programmes accessible to university students and professors.

Profs Nebojsa Stocic and Iraj Hashi from University of Dubrovnik made presentations about the achievements of the ELEGANT project in its four years of activity. Other presenters from partner universities in Jordan and Lebanon discussed the achievements and the impacts of the ELEGANT project at their institutions.



# Final Project Conference Jordan, Dead Sea Resort, Jordan

19-20 September 2023





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Princess Sumaya University for Technology

**Enhancing Teaching, Learning and Graduate Employability through University-Enterprise Cooperation - ELEGANT**  
610265-EPP-1-2019-1-HR-EPPKA2-CBHE-JP

**Final Project Conference**  
Princess Sumaya University for Technology  
19-20 September 2023

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Day 2: Hilton Hotel – Dead Sea Resort  
Tuesday Sep 19, 2023

10:00 AM – 10:30 AM	Registration
10:30 AM – 11:00 AM	Prof. Iraj Hashi Assistant Project Coordinator University of Dubrovnik, Croatia
11:00 AM – 11:30 AM	Mr. Ziad Al Masri The Information and Communications Technology Association of Jordan
11:30 PM – 12:00 PM	Prof. Soliman Abdel-Hamid Staffordshire University, United Kingdom
12:00 PM – 12:30 PM	Prof. Antonio Palestini (On-line) Universita Politecnica Delle Marche, Italy
12:30 PM – 13:00 PM	Dr. Marina Ventura (On-line) Psicoglobal Co., Portugal
13:00 PM – 13:30 PM	Dr. Joumans Dargham (On-line) Syndicate of Computer Sciences of Lebanon
13:30 PM – 14:00 PM Coffee Break	
14:00 PM – 14:30 PM	Best Student Project at JUST
14:30 PM – 15:00 PM	Best Student Project at ABAU
15:00 PM – 15:30 PM	Best Student Project at PSUT
15:30 PM – 16:00 PM	Best Student Project at BAU & MUBS Dr. Mustafa Bizri

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Day 3: Hilton Hotel – Dead Sea Resort  
Wednesday Sep 20, 2023

10:00 PM – 13:30 PM	Management & Financial Meeting Discussion of the Final Report Future cooperation, MOUs, etc.
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## ELEGANT at Erasmus+ Cluster Meeting

28 September 2023

As the EU announced 2023 as the European Year of Skills, the National Erasmus+ Office in Lebanon organized an online cluster meeting entitled “Year of Skills in Europe and Beyond: Focus on Lebanon” on 28 September 2023. The aim of this meeting was to discuss the issue of skills development for enhancing employability in Lebanon from the perspectives of Erasmus+ projects, other EU projects and various stakeholders including TVET, NGOs and SMEs.



# 5G Global Trends, Services, and Huawei's 5G Core Advantages at BAU

28 September 2023

Within the framework of the prestigious "ELEGANT" Erasmus+ project, a highly anticipated workshop on 5G technology brought together industry professionals, renowned experts, and passionate enthusiasts to delve into the forefront of telecommunications. This exceptional event unfolded on the remarkable date of Thursday, September 28th, 2023, offering a wealth of invaluable insights into the current global trends in 5G, its expansive array of services, and the innovative advantages presented by Huawei's cutting-edge 5G core technologies.





# Ethical Hacking Workshop at BAU

09 October 2023

BAU held an Ethical Hacking Workshop on Monday, October 09, 2023. This workshop helped the ELEGANT project supported by ERASMUS+. Mr. Majd Dhainy and Mr. Ali Ayoub from Semicolon Academy led the workshop, which aimed to teach participants the fundamentals of ethical hacking.

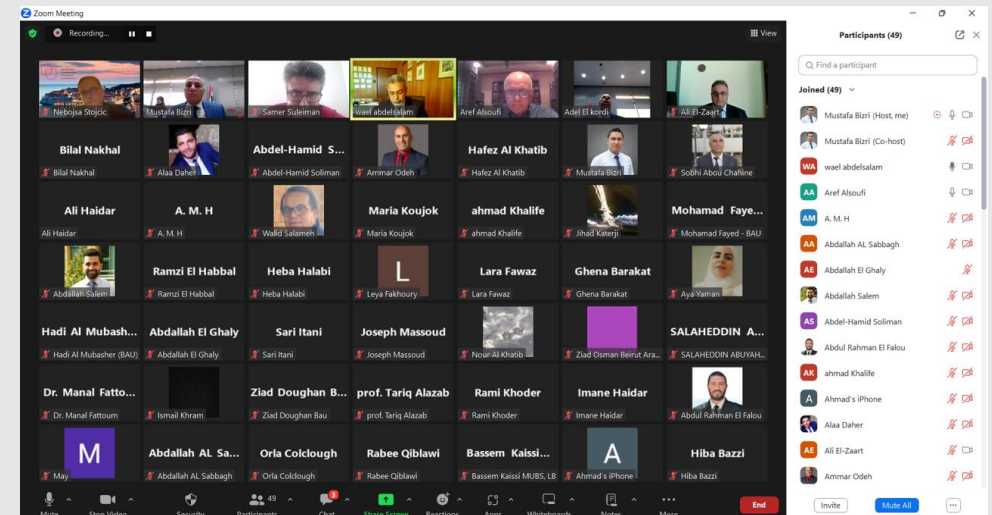
The Ethical Hacking Workshop gave participants important skills and knowledge, and it also helped the ELEGANT project's larger goals supported by ERASMUS+. This event emphasized how crucial digital literacy, cybersecurity, and ethical technology use are in our digital society. It's a model for future efforts to promote cybersecurity and responsible digital behavior.



# Final Project Conference at BAU & MUBS

20 October 2023

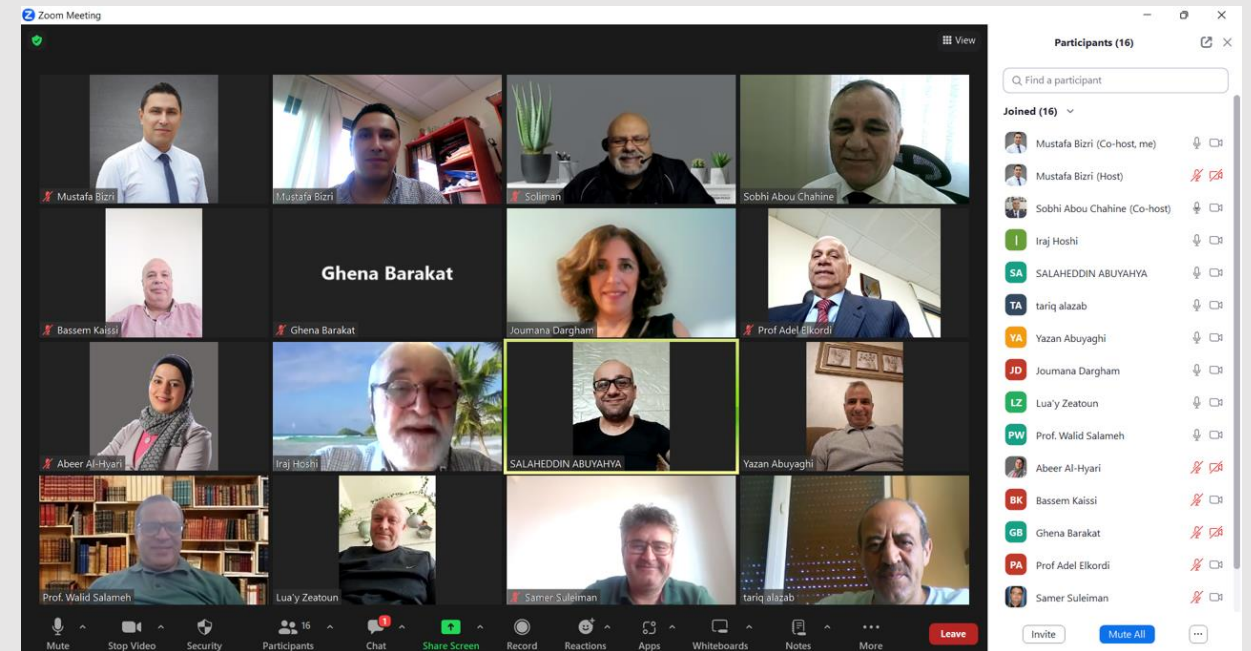
The Final Project Conference in Lebanon was organised on 20 October 2023 in Beirut. Although partners had planned a face to face final meeting (and some had bought their travel tickets), the event had to be moved to on line because of the hostilities in the region and bombings in Beirut. Both Beirut Arab University and Modern University for Business and Science organized the event.



# Steering Committee Meeting

20 October 2023

In addition to the Final Project Conference, a meeting of the project's Steering Committee was also arranged on 20 October, with the participation of all members of the Committee. As the project is coming to an end soon (14 November), Professor Iraj Hashi reviewed the remaining responsibilities and obligations of partners to support the process of writing the Final Report. The participants all pledged their full support for the coordinator in the remaining life of the project.





# “Using LinkedIn to Get a Job” Seminar - MUBS

25 October 2023

Within the framework of the ELEGANT Erasmus+ project activities, MUBS Office of International Affairs in collaboration with MUBS Computer Science Department organized on October 25, 2023 a seminar about “Using LinkedIn to Get a Job”.

The event started with a welcome speech by Professor Bassem Kaissi (Vice President for International Affairs at MUBS) who explained the main objectives of the ELEGANT Erasmus+ project and focused on the progress achieved so far at MUBS. Dr. Ziad Kassam introduced afterwards MUBS computer science department.

The event guest speakers Mr. Nizam Mhanna (Founder, Telnet & Rashaya Call Center) and Mr. Ghassan Jabre (Regional Business Development Manager, Infosysta LLC DW) discussed the importance of using LinkedIn and provided tips for Students to help them know how to create a good LinkedIn profile and how to network their way to the professional world.

63 MUBS computer science faculty and students attended the event.





# CONTACT US

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## PARTNERS



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