



جامعة بيروت العربية  
BEIRUT ARAB UNIVERSITY

ELEGANT

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ELEGANT ERASMUS+ PROJECT  
ACTIVITIES OF LIAISON OFFICE / ELEGANT  
PROJECT FROM 2020 UNTIL 2023

*Beirut Arab University, Lebanon*

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## 1. No. of MOUs



















Beirut Arab University has signed **TWENTY-FOUR** Memoranda of Understanding (MOUs) with a diverse array of institutions, encompassing local, regional, and international entities. Additionally, the university has finalized **SIX** agreements (Ain wazein – ITWorkMe - Ayman Electric - Extreme Labs – Certiport - Toon Boom Animation) , with five more MOUs currently in the process of being formalized. The validity period for each signed MOU is five years.

Furthermore, over the past two months, we have diligently communicated with various companies through the exchange of more than **NINE** emails regarding the ongoing project. **Our proactive approach involves continuous follow-up to ensure effective collaboration and successful outcomes.**

The objective of the agreement between the university and the ICT companies is to foster academic and educational cooperation while promoting mutual understanding between the two parties. The executed MOUs are concentrated on three key areas: enhancing the technical and practical skills of students, curriculum development, and collaborative research initiatives.

The table below provides details, including the names of the companies and their respective contact email addresses, for those that have formally endorsed the MOUs.

Name	Email	Institution	Signing Date	Logo
Ibrahim Shatila	ibrahim@quantum.cc	Quantum Trading Company	14/04/2020	
Hussein Harb	hussein.harb@mindit.com.lb	MINDIT	28/04/2021	
Joseph Haddad	jhaddad@techno-mania.net	techno-mania	28/04/2021	
Jamal Anouti	hr@ids.com.lb	Vanrise	01/05/2021	
Jamal Anouti	hr@ids.com.lb	IDS	01/05/2021	
Wadih Juteidini	Joumana.Dargham@balamand.edu.lb	Syndicate	01/05/2021	

Walid Tayel	walid.tayel@elsewedy.com	Elswedy	25/11/2021	
Salem Itani	s.itani@touch.com.lb	Touch	21/07/2022	
Mahmoud Kobtan	mahmoud@geekexpress.com	Geek Express	10/11/2022	
Mazen Bizri	cmc.doc.control@gmail.com	CMCCO	11/11/2022	
Adnan Bilanni	info@bilani.net	Bilani Company for Transportation Services	30/11/2022	
Tarek Basha	Tarek_bacha@itls-lb.com	ITLS -TA MENA and Gulf	30/11/2022	
Ali Nasser	a.nassar@bau.edu.lb	HI SPEED NETWORKS	01/12/2022	
Mohamad sharara	mohamad.sharara@huawei.com	Huawei	08/12/2022	
Krystel Aoun	Krystel_Aoun@cis.com.lb	CIS	14/12/2022	
Diana Daou Fayad	DFayad@siblineb.com	SIBLINE	14/12/2022	
Wissam Slim	PROCONCEPT3D@gmail.com	PROCONCEPT3D	03/01/2023	
Jad el Solh	jelsolh@terra.net.lb	TERRANET	01/02/2023	
George Khouiry	g.Khoueiry@lebaneseitsyndicate.org	Lebanese IT Syndicate	08/03/2023	
Ihab Khalili	ihab.k@ibcconsult.com	IBC Solutions	11/04/2023	
Ralph Saab	Ralph.saab@saabrds.com	SAAB RDS	03/05/2023	
Ralph Saab	Ralph.saab@saabrds.com	SAAB Research & Development	03/05/2023	
Tony Kairouz	tony.kairouz@itsslb.com	ITSSLB	10/05/2023	
Rony Chahoud	rchahoud@cisco.com	CISCO	18/5/2023	

In addition to above signed MOUs and agreements. Two clubs were founded within the Faculty of Engineering with the aim of fostering increased student engagement,

promoting closer connections among students, and strengthening ties with the community. These clubs align with the principles of the **Elegant Project**, particularly within the framework of **WP2**. The **liaison office** played a pivotal role in facilitating communication with industry stakeholders and managing the use of equipment. Additionally, these initiatives align with WP2's objective of implementing innovative forms of industry-oriented education.

1. The **Gaming Club**, established in the middle of the last academic year (Spring 2022/2023), brings together primarily Computer Engineering students, with additional participation from the Petroleum department, where assistance was provided for their Virtual Reality Final Year Project (FYP).

Throughout the current semester, the club organized four lectures on Virtual Reality and optimal game development for VR, along with two workshops focusing on Language Model Models (LLMs) like the ChatGPT API, integrated with 3D avatars. Additionally, two workshops were dedicated to Augmented Reality, specifically utilizing the Vuforia Engine.

2. The **Artificial Intelligence and Robotics Club (ARC)** had a transformative journey since its inception in the Spring of 2022-2023, starting with the launch of the "Cafeteria Madness" game. The club achieved recognition from the Faculty of Engineering during Engineering Day in Spring 2023, solidifying its establishment. In the Fall of 2023-2024, ARC expanded outreach through presentations during Orientation and a booth exhibition, attracting new members. Despite a failed attempt at regular meetings during the AI and Robotics Debate/Trivia Day, the club engaged in collaborative efforts, including seminars on cybersecurity, robotics with ROS2 framework, NLP in AI, and an innovation campaign.

ARC also provided support to the Huawei HCAI program. The diverse events attracted a significant number of participants, with 47 attendees at the Seminar About Innovation, 120 individuals registering for membership, 15 participants in the ROS 2 workshop, and a total of 344 individuals engaging in various activities. The statistics highlight the club's impact and resonance within the academic community for AI and robotics enthusiasts.

## 2. No. of students on placement

We successfully facilitated the enrollment of students in internship programs with various companies. The enrollment figures for each respective year are as follows: **8** students in **2020**, **18** students in **2021**, **35** students in **2022**, and a substantial increase to **105** students in **2023**. Additionally, a noteworthy number of **93** students commenced online jobs with diverse companies, marking a commendable expansion of opportunities for practical experience and professional development.

Furthermore, the executed agreements have not only facilitated internships and part-time jobs for students within the ICT programs but have also opened doors for opportunities for students enrolled in other engineering disciplines such as **electrical and communication engineering**. Moreover, this collaborative initiative has extended its reach to students in diverse faculties, including the **Faculty of Architecture** and the **Faculty of Business**. The inclusive nature of these agreements underscores a commitment to providing valuable experiential learning opportunities across a broad spectrum of academic disciplines.

## 3. No. of workshops for students, staff and enterprise employees

Beirut Arab University (BAU) has conducted a series of workshops covering diverse aspects within the field of computer domains. These workshops encompassed a broad range of topics, providing participants with insights and hands-on experiences in various areas related to computer science.

- Introduction to Hibernate Framework
  - Date: October 22 2020
  - Speaker: Eng. Mahmoud Anouti (Murex)
  - Attendees: 55
- Can the digital world be sustainable?
  - Date: October 1 2020
  - Speaker: Dr. Luc Sorel (Zenika-France)
  - Attendees: 50
- Cybersecurity
  - November 25 2020
  - Speakers: Dr. Joanna Moubarak & Mr. Salem Itani, CTO, Touch, Lebanon

- Attendees: 200
- ICT for Entrepreneurship and Innovation
  - November 25 2020
  - Speakers: Dr. Samir El-Masri & Mr. Philippe Fares
  - Attendees: 80
- Artificial Intelligence
  - April 16 2021
  - Speaker: Ms. Jana Kabrit
  - Attendees: 55
- Computer latency
  - Date: 7-8 MAY 2021
  - Speaker: Mr. Mahmoud Said (CEO of telepaty)
  - Attendance: 200 students
- How to write your CV
  - Date: 25 November 2021
  - Speaker: Mrs. Radwa ghoreib
  - Attendance: Nearly 180 students
- Create Beautiful Apps with Flutter
  - Date: 5-7 June 2021
  - Speaker: Eng. Samer Dernaika
  - Attendance: Nearly 200 students
- Building a successful career in software development at Murex
  - Date: November 5 2022
  - Speakers: Eng. Ibrahim Itani, Eng. Omar Mneimneh, Eng. Mohamad Itani
  - Attendees: 100
- IBDAА Toast Masters Professional Public Speaking, Presentation, and Pitching Skills Workshop
  - Date: 8 April 2022
  - Speaker: Mr. Mohammad Nasser
  - Attendees: 70
- IBDAА Workshop about Virtual Poster and Presentation Design
  - Date: 16 April 2022
  - Speaker: Mr. Mohammad Nasser

- Attendees: 70
- IBDA Event: Learning Responsibly
  - Date: 29 April 2022
  - Speaker: Dr. Abir Ward
  - Attendees: 70
- Prepare yourself for: Huawei ICT Competition 2022
  - Speaker: Mrs. Fatima Al Hashash
  - Attendees: 250
- Data Acquisition
  - Date: 2 May 2023
  - Presenter: Saab RDS Team
  - Attendees: 39
- LabView Hackathon
  - Date: 2 May 2023
  - Presenter: Saab RDS Team
  - Attendees:39
- Unveils Key Insights into 5G Global Trends, Services, and Huawei's 5G Core Advantages
  - Date: 28 September 2023
  - Presenters: Mrs. Fatima Hashash with Huawei Jordanian Team
  - Attendees: 280
- Ethical Hacking
  - Date: 10 October 2023
  - Presenter: Eng. Majd Dhainy and Eng. Ali Ayoub
  - Attendees: 25



#### 4. No. of company managers/experts giving lectures/seminars at the University

We had the privilege of hosting a number of esteemed company managers and experts who have shared their expertise through lectures and seminars.

- Cybersecurity
  - Presenter: Dr. Ahmad ElHajj
  - November 25, 2020
- Entrepreneurial skills
  - Presenter: Mrs. Nisrine Haddad
  - Date: 21 May 2021 and 22 May 2021
- Leadership skills
  - Presenter: Mr. Yazbek Wehne
  - Date: 27 May 2021
- A Flag to Inspire, MANPOWER to hire
  - Presenter: Ms. Radwa Gharieb
  - Date: 25 November 2021
- Collaboration with Industry and Community
  - Presenters: Prof. Gheith Abandah, Dr. Ziad Shammass, Dr. Ibrahim Mallat, Eng. Manal Jalloul, Mr. Jad Wehbi, Dr. Clovis Francis, Ramy Mir, Prof. Mohammad Khalil
  - Date: 2 March 2022
- Senior Project Orientation
  - Presenters: Eng. Jamal Hussein, Eng. Ghazi Al Yaman
  - Date: 22 February 2022
- Build your own career
  - Presenter: Mrs. Tamara Doumit
  - Date: 30 November 2022
- Research in Engineering
  - Presenter: Eng. Ralph Saab
  - Date: 2 May 2023
- Innovate Tomorrow
  - Presenter: Dr. Ahmad El-Hajj
  - Date: 20 November 2023

## 5. No. of student projects in which company experts are involved

ID	Student	Company / Project
201801085	Tamer Al-Zein	La Cité des Fleurs
201900774	Hadi Salloum	
201901265	Salah Stouhi	
201900527	Mohamad Itani	
201901869	Mohammad Jaffal	
201900856	Ahmad Nasser	
201802186	Ali Sraj	
201901815	Hiba Al-Ghouti	
201801500	Tarek Chmaitelly	
201900422	Lana Halabi	
201801411	Wafic Lawand	Infineon
201800748	Khaled Damaj	Gherbal Initiative
202001095	Ahmad Tarabein	OSITCOM
202001678	Miriam Elliyie	OSITCOM
201801273	Hady Sherif Haggag Abdelmeguid	Cloudgate Consulting
201800595	Hadi Mohammad Al Mubasher	Dar Al Handasah Consultants
201700267	Saad Al-Deen Kamal Al-Bitar	Azkatech
201700009	Mohamad Rabih Baydoun	Activex It Solutions Sarl
201802017	Zeina Wafic Hassoun	Ogero
201802159	Salwa Khaled Al Khatib	Beirut Arab University and University of Ottawa

201500308	Lama Kassem	Tyconz Company
201601623	Issam Tabbara	Distic Company

## **6. Preparing a database of students' industry-related projects**

The database for students' industry-related projects has been successfully completed. This comprehensive repository meticulously organizes and catalogues a wealth of valuable information, showcasing the diverse array of projects undertaken by students. This database serves as a centralized hub, facilitating easy access to project details, milestones, and outcomes, thereby enhancing collaboration, research, and analysis within the academic community.

The completion of the database for students' industry-related projects is a pivotal component of our overarching initiative. Seamlessly integrated with our Virtual Platform for Internship "REACH" this database forms the backbone of an automated system dedicated to fostering connections between students and ICT companies.

## **7. Conclusion**

Building on the achievements, coordination, and the successful realization of short-term and long-term goals, the ELEGANT liaison office at BAU has undoubtedly played a pivotal role in attaining commendable results.

The ELEGANT PROJECT's impact has been particularly positive in advancing the development of the computer engineering and computer science programs. Our dedicated efforts are focused on aligning the programs and students with the dynamic requirements of the market. Notably, a significant number of students have already embarked on part-time employment opportunities, gaining valuable real-world experience while earning an income.

Looking ahead, it is imperative to emphasize that our commitment does not conclude with the completion of the project. Rather, we are dedicated to ensuring the sustainability and continuity of the initiatives that have proven immensely beneficial for our students. Leveraging our wealth of experience, we will persist in fostering an environment that nurtures growth and development, ensuring that the positive outcomes of the ELEGANT PROJECT endure well into the future.

## Contact Information

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