Nile University
جامعة النيل الأهلية

August
Newsletter
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NU
Nile University
جامعة النيل

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There is no elevator to success, you have to take the stairs
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Partnerships

Cisco Certified Network Associate – CCNA Scholarship

The School of Continuing Education in collaboration with CISCO have started CCNA Scholarship online for more than 20 trainees via Webex, the scholarship includes the following:

- 150 hour-online instruction
- Access to CISCO material
- Certificates from both Nile University and CISCO
- More than 50% discount on the international exam

Launching the BBDA Professional Diploma in Collaboration with ITCS and the School of Business Administration

We're thrilled to announce the launch of the groundbreaking Professional Diploma for Business and Big Data Analytics at Nile University.
It is an interdisciplinary program designed to equip students with both domain knowledge and big data and data science capabilities needed to analyze data and make informed business decisions.

Partnerships

NU School of Biotechnology Staff Members Get Introduced to the Laserfiche System

The School of Biotechnology, in collaboration with the Business Intelligence Unit at NU, organized the first program and course specification DEMO on Laserfiche system to faculty members and TAs at the School of Biotechnology to recognize the know-how of the process of program and course specification on Laserfiche. The DEMO was presented by the director of the Quality Assurance Unit, Dr. Abdelrahim Hassan, and the director of the Business Intelligence Unit, Dr. Tamer Heshmat.

Achievements

16th Edition of the Egyptian Junior Researcher Competition

Nile University organized the 16th edition of the Egyptian Junior Researcher Competition, inviting undergraduate students from universities and schools across Egypt to participate and win awards worth 150,000 EGP. The competition, an extension of the Undergraduate Research Forum (UGRF), aimed to encourage practical outcomes of course projects and recognized winners through cash prizes and other in-kind awards.

The event highlighted the university's commitment to empowering undergraduate research and fostering innovation and entrepreneurship.

Also, in the 16th UGRF, NilePreneurs Initiative organized the Business Model Competition, offering a total of 50k EGP in awards for the top five teams with the best business models.

Congratulations to all the participants and winners!

Achievements

Student Kamal Salah Abdallah's Internship at the University of Tokyo

Kamal Salah Abdallah is our junior student at the School of Biotechnology, whose success journey was truly inspiring. Kamal is one of the top students at the school and this summer, he flew to Japan to join the UTSIP Kashiwa summer program at the University of Tokyo.

Kamal conducted a research internship at the Department of Computational Biology and Medical Sciences under the guidance of Professor Martin Frith. His research focused on developing an XIST gene prediction algorithm by applying comparative genomics techniques to various mammalian species. His study constituted a significant step toward understanding sex-biased diseases, ultimately contributing to advancements in biomedical science.

In addition to the immense research skills Kamal gained during his internship, he had a great opportunity to experience Japanese culture, explore its technological advancements, and meet people from all around the world.

We are very proud of him and wish him many more successes!

Achievements

NU School of Biotechnology Students Win the 1st and 3rd Places at the 4th Egyptian Junior Researcher Competition

After spectacular performances, the School of Biotechnology students were awarded 1st and 3rd places in the Biotechnology Track at the 4th Egyptian Junior Researcher Competition!

The competition is an extension of the Undergraduate Research Forum (UGRF) and includes participating students from across Egypt. All shortlisted projects were highly praised by the examination committees showing the sheer dedication of students to research and innovation.

We would further like to congratulate the school's shortlisted students who made it with 7 projects to the top 20 among participants from various Egyptian universities.

Achievements

Nile University Students Winning 1st and 2nd Places at the National Level in the Biggest Artificial Intelligence Competition

The Military Technical College is hosting competitions in the fields of artificial intelligence and cybersecurity.

The first competition, focused on artificial intelligence, took place at the Military Technical College in collaboration with the Applied Innovation Center (AIC) of the Ministry of Communications and Information Technology.

The cybersecurity competition is being organized in partnership with the National Center for Computer and Network Emergency Preparedness (CERT-EG).

These competitions present an opportunity for talented and interested university students in the Arab Republic of Egypt to showcase and enhance their intellectual, creative, and competitive skills in the areas of artificial intelligence and cybersecurity. The total prize money for the competitions amounts to 600,000 Egyptian pounds.

The following students from the School of Engineering at Nile University emerged as winners:

- Abdul Rahman Wael from the first team secured first place.
- Mohab Mohamed Eid and Mohamed Adel were part of the winning team.

The final round of the competitions featured prominent universities, including:

- Faculty of Engineering, Cairo University.
- Faculty of Computers and Information, Cairo University.
- Faculty of Engineering, Helwan University.
- School of Engineering, Nile University.
- School of Computers and Information, Nile University.

The Power of the "PowerHive"!

A group of NU freshman students participated with their project "PowerHive" in the International Telecommunication Conference held at the Air Defense College in Alexandria from 18-20 July.

They proposed an energy harvesting system that captures RF ambient energy to be used to power small electronic devices such as sensors. The project is supervised by Dr. Mai Sallam and Eng. Mohamed Magdy from the School of Engineering and Applied Sciences.

Achievements

Senior Architecture Students Going to ETSAB to Spend One Semester Abroad

Three senior students from the Architecture and Urban Design program (ARUD) at Nile University went to ETSAB - Barcelona School of Architecture in Polytechnic University of Catalonia UPC – to spend one semester as visiting students. ETSAB, which ranks number 4 in Europe, was a main partner that helped develop the ARUD program over the past 5 years. ARUD students also got partial sponsorship from Sabbour Foundation to make it all happen.
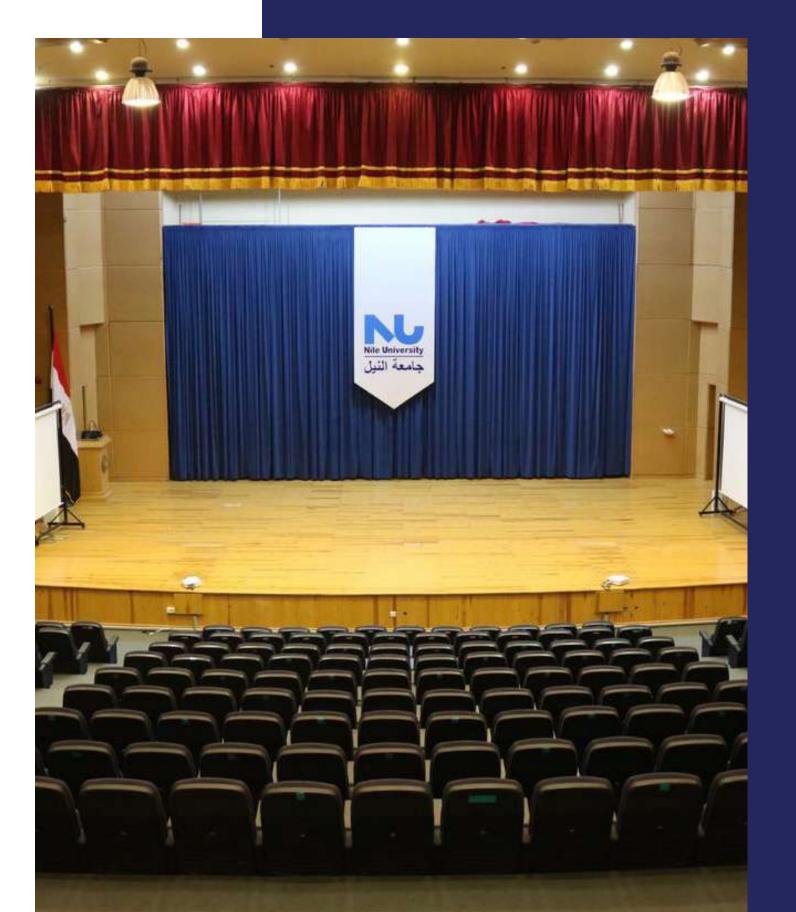
Four other ARUD students are joining the Slovak University of Technology (STU) in Bratislava as part of a fully funded Erasmus+ International Credit Mobility (ICM) agreement, studying spatial planning courses.

Their study in STU is within an extended collaboration between NU and STU, namely, with the Spectra Center of Excellence, which specializes in interdisciplinary research of complex spatial development issues. ARUD students will gain experience working with other students from different nationalities who got accepted in the Erasmus+ (IC) students mobility to exchange knowledge, and culture.

The students will be attending courses at ETSAB and STU as well as at NU simultaneously and will choose their graduation project sites in Barcelona and Bratislava.

The experience has proven to benefit ARUD students in many ways; through their exposure to reputable educational institutions, learning how to integrate in a different work environment, not to mention through their experience in Europe itself. Incorporating a study abroad opportunity into the EAS School is a growing front at NU.

Events

Hosting "Safer el Shoghl", Andro Ashraf

Nile University recently hosted 'Safer El Shoghl', Andrew Ashraf, and high school students for a productive discussion on career awareness. The event aimed to familiarize students with current and future job prospects and the essential skills needed for their studies. The session also included ten important tips on choosing a career path. Andrew Ashraf emphasized the importance of informed career choices based on personal interests and the evolving job market. He provided insights into sought-after skills and qualifications and practical advice on enhancing employability. The students actively participated, seeking guidance, and receiving valuable tips on crucial skills for professional success. Nile University continues to prioritize career awareness, empowering students with knowledge and tools for a successful transition to higher education and the workforce.

Events

Nile University Celebrating the Success of Cancer Fighters with Baheya

In the spirit of community impact and honoring remarkable accomplishments, Nile University recently hosted a celebratory event for the distinguished achievers of the 2023 Thanaweya Amma students. We extend our heartfelt congratulations to these talented young individuals who have proven that perseverance and dedication can work miracles while supporting their moms through their cancer journey. They are a source of inspiration for us all, and we eagerly anticipate witnessing their positive impact on society and the world.

This celebratory event marks the beginning of a journey filled with new achievements and challenges. We wish these graduates continued success as they embark on a bright future that awaits them. We are excited to see what they will contribute to the world!

Events

Thanawya Amma Achievement Ceremony

Nile University was honored to host the top achievers of Thanaweya Amma. The event was attended by Prof. Wael Akl, President of Nile University, Prof. Ahmed Radwan, Vice President of Research, Prof. Amr Safwat, Dean School of Engineering and Applied Sciences, and Prof. Khaled Eid, Associate Dean of Business Administration.

This event was a grand celebration of their academic excellence and dedication, where they were honored and appreciated for their outstanding achievements, along with their esteemed families.

Visit of the International Cooperation in Graphic Era Hill in India

Dr. Hassan Aly, Dean School of Business Administration at Nile University and the designated Vice President of International Cooperation and Sustainability, welcomed the visit of Professor DK Sharma, the Associate Dean for International Cooperation in Graphic Era Hill University located in the Dehradun Area of India.

The visit aimed to discuss aspects of international cooperation with Nile University and Graphic Era Hill University related to research cooperation and student exchange between the two universities, especially in the field of information technology.

During the meeting, it was also agreed between the two universities to establish a joint platform to provide several educational and training programs to participate from inside and outside Egypt.

Amideast Visit

Dr. Hassan Aly, Dean of the Faculty of Business Administration at Nile University, and the designated Vice President of International Cooperation and Sustainability welcomed the visit of Ms. Shahinaz Ahmed, Amideast Country Director, and Ms. Malak Badawey, Amideast Egypt Business Development Manager.

The visit aimed to discuss aspects of cooperation between Nile University and Amideast Egypt related to international education and training in areas such as Exchanges/Scholarship programs and advising services, testing services, professional training, and development, testing services, and test preparation courses.

The meeting was Dr.Hassan Aly, Dr.Khaled Eid, Dr.Menna Kaoud,Dr. Rawda Ali and Ms.Nada Bedir.

NU Sessions

Artificial Intelligence in Academic Research

The School of Continuing Education has organized an online workshop about Artificial Intelligence in Academic Research on the 8th of August via Zoom, and the learning outcomes intended to be acquired are:

- Learn the basics of artificial Intelligence and its applications on scientific research.
- Gain data analysis skills and use advanced algorithms to achieve accurate and repeatable results.
- Use artificial intelligence tools in preparing research reports and analyzing results, and strategies for improving performance in scientific research.

Summer Training for Engineering

The School of Continuing Education has started a new summer training for Engineering senior students and fresh graduates, in collaboration with Engineers for Sustainable Egypt and several local and international entities; the training included the specializations in architecture, civil, electricity and mechanics. The trainee receives three certificates from the School of Continuing Education - Engineers for Sustainable Egypt and the entity which provided the trainees with the practical components.

Plug-and-Play Program for Graduating Seniors 2023

The SEEC Office at NU offered a program that is designed to help students gain the top 10 needed skills to have a wider opportunity of entering the job market.
By participating in the program, the companies that joined us will have the opportunity to help shape the next generation of talent by providing mentorship, coaching, and hands-on experience to graduating seniors who are eager to learn and grow.
The program was designed in two rounds, each taking three days. The first round involved Education for employment (EFE) and Seoudi Market, and the second involved El Marakby Steel.

Personal Branding and Communication in Workplace

Continuing with their exceptional efforts, the SEEC Office offered a personal branding session and a focus on workplace communication, which are essential for empowering students to succeed in their future careers. This was done through understanding unique value proposition and developing strong communication skills.

NU Sessions

Personal Development Plan

The Personal Development Plan coaching session by the SEEC Office - offered for students - is a transformative experience that aims to help individuals identify their goals, strengths, and areas for growth.

NU School of Biotechnology Faculty Attends the First Episode of the Biotech Seminar Series

Staff members at NU School of Biotechnology attended the first episode of the Biotech Seminar Series aimed at discussing the staff's own research and the latest developments in the field of biotechnology.

"Battery Fundamentals & Applications as Electrical Vehicles & Renewable Energy Storage: State-Of-The-Art & Future Trends" Public Lecture by Dr. Mohamed ElKadragy

A public lecture on "Battery Fundamentals & Applications as Electrical Vehicles & Renewable Energy Storage: State-Of-The-Art & Future Trends" by Dr. Mohamed ElKadragy was held on Monday, August 28th, 2023, at 1:30 PM in Samir Helmy Hall (Room 127), Dr. Tarek Khalil Building (UB 1). Dr. Mohamed is a battery and storage expert with more than ten years of industrial and applied research professional experience with a Ph.D. from the Battery Technical Center [BATEC-ETI], Karlsruhe Institute of Technology (KIT) in Germany.

The lecture explored the importance of batteries since they are the backbone of today's energy storage and our electrification future. He also delved into the topic of Li-ion batteries and how they play a major role in the energy storage scope as one of the leading battery technologies.

Agenda:

1. Li-ion battery technical aspects covering the different structures, Chemistries, and cell formats for such technology

2. Battery manufacturing.

3. Li-ion battery safety is a major topic, highlighting thermal runaway process and the design corrective measures taken to enhance battery safety over its lifetime.

4. Highlighting the major importance of aging mechanisms and root causes.

5. The future trends of battery storage development beyond li-ion batteries, highlighting key future technologies such as Sodium-ion batteries, Li Sulfur, and other hybrid battery system technologies.

6. Comparison between battery vs. hydrogen storage.

School Fairs and Visits

Nile University at EduGate in Kempinski

Nile University participated in the EduGate event for three days where students eagerly flocked to explore the exceptional majors and programs offered by the university. We are proud and honored to have had the presence of Professor Dr. Wael Akl, the President of Nile University, who actively engaged with the attendees and provided detailed explanations about the university's offerings and its distinctive advantages.

The attendees expressed their gratitude for the presence of the university deans, the marketing team, and the faculty members, and students who provided the necessary information to familiarize them with the university and the application process. They also offered guidance and advice to assist students in making informed decisions.

To further raise awareness and disseminate more information about Nile University, Sada Al-Balad channel conducted interviews with Professor Dr. Wael Akl, the deans of various faculties, and the students. They shared their experiences and highlighted the university's unique features that make it the ideal choice for ambitious students in Egypt.

In addition, Gina Mowafy, Head of Student Life Office, and Shahenda Mohsen, Head of Skills and Employability Enhancement Center (SEEC), shared their expertise on all thing's student life, from the importance of extracurricular activities to the essential competencies needed for the job market.
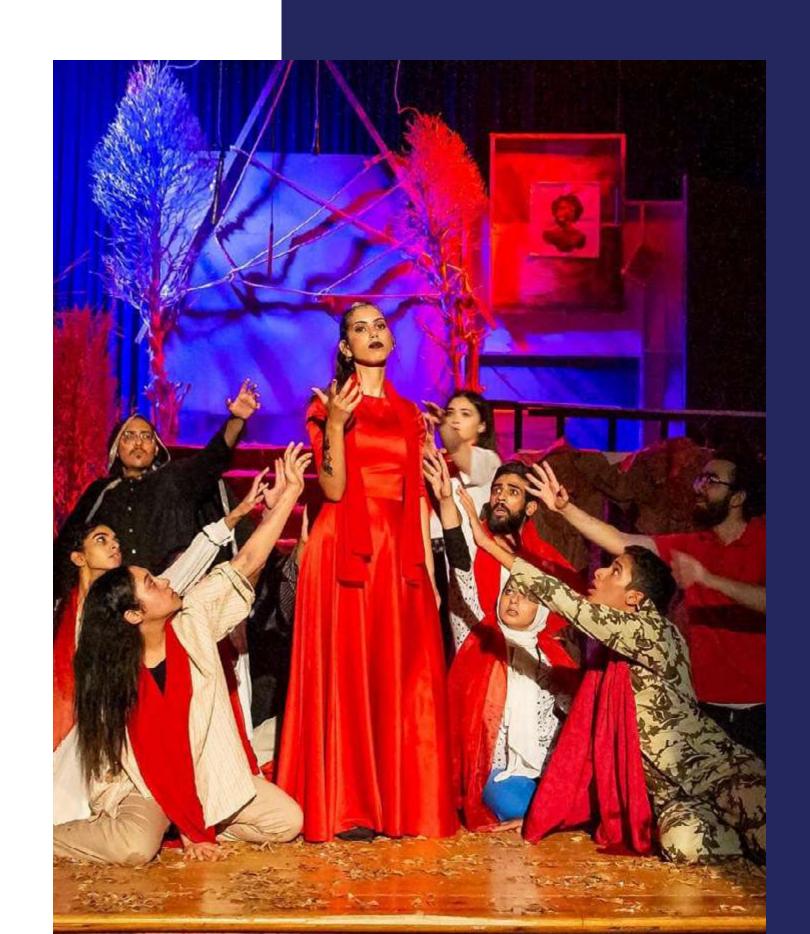
School Fairs and Visits

Nile University's Open House Welcomes Students and Parents

Nile University's Open House was a remarkable event with a large number of school students and parents in attendance. The day featured diverse activities and events in each faculty aimed at enhancing the university's role in raising awareness and assisting attendees in choosing the right school.
It provided an opportunity to explore university life and have their questions answered by the university's esteemed faculty members.

ICPC Camp

The NUICPC Summer Camp was concluded successfully, featuring collaborative problem-solving and programming challenges. Participants began by setting up their CodeForces profiles and joining the ICPC NU Community. They installed the C++ CodeBlocks IDE before engaging in daily sessions from the 23rd to the 27th.

ICPC Competition

Nile University stands out with its seven qualified teams for the National Egyptian Collegiate Programming Contest (ECPC), competing against 100+ universities on August 19th. Led by standout participants like Ahmed Taha Ameen, Adham Ahmed Hammoda, Mohamed Khaled Ramadan, and others, the university showcases its excellence in engineering and IT disciplines.

GSP Club's Simulatopedia Event

Simulatopedia, the highly anticipated business simulation event, took place at Nile University on July 30th, leaving participants equipped with vital skills and a deep understanding of real-world business challenges. The event proved to be a tremendous success, attracting business enthusiasts, budding entrepreneurs, and future leaders eager to gain hands-on experience and expand their knowledge. The event, presented by the Global Simulation Program (GSP), offered attendees a unique opportunity to engage in a realistic business environment.
With a focus on experiential learning,
Simulatopedia provided a platform for participants to enhance their decision-making abilities, develop data analysis skills, and foster teamwork.
The success of Simulatopedia would not have been possible without the support and collaboration of various partners and sponsors. Al Maraie, Solex, Incubate, Sector B5, and Jesr played instrumental roles in ensuring the event's success. Simulatopedia featured a range of activities and workshops, each carefully

Alumni

Abdallah Al Jboury's Remarkable Achievements in Sustainable Engineering

Abdallah Al Jboury, a proficient Design and Projects Engineer at Mustakbal Clean Tech, recently achieved a significant milestone by successfully overseeing the installation and commissioning of a rooftop solar PV project with a peak power capacity of 967.68 kW in Ain Sokhna, Egypt. This initiative is expected to annually prevent the release of approximately 2,575 tons of carbon emissions, while also accounting for about 8% of the plant's electricity consumption. With its strong alignment to sustainability efforts and the fight against climate change, this project carries substantial environmental significance.

Abdallah holds a Mechatronics Engineering degree from Nile University, where he graduated in Spring 2020. During his time as an undergraduate junior Research Assistant at the university's research office, he published a paper titled "Experimental Modelling of Hexapod Robot using Artificial Intelligence" at the International Conference on Artificial Intelligence and Computer Vision. His commitment to knowledge and growth is further demonstrated by his recent completion of a master's degree from the Fall 2023 class at Nile University.

Alumni

Walid Khaled Shaker's Remarkable Journey of Academic Excellence and Contributions to the Field of Robotics and Computer Vision

This month marked a significant milestone in the journey of Walid Khaled Shaker, as he successfully completed his master's degree in Robotics and Computer Vision, obtaining dual distinctions for his academic achievements. The first award, represented by the revered Russian Red Diploma, celebrated his exceptional academic performance, graduating with the highest honors. The second award recognized his impactful contributions to the realm of scientific activities at Innopolis University, underscoring his commitment to advancing knowledge and innovation within the academic community.

Walid's academic journey began at Nile University, where he pursued his undergraduate degree in Mechatronics Engineering and graduated in the Spring of 2021. During his tenure there, he co-founded RPM student club and maintained an impressive cumulative grade point average of 3.93. Currently, Walid serves as a senior Robotics Software Engineer at the Autonomous Technologies Center within Innopolis University, Russia, showcasing his continued dedication to the field of robotics and technological advancement.

Alumni

Inspiring Alumni Stories: Seif El-Harouny and Abdallah Ali Shine on (Bik w Biha Nebniha)

Seif El-Harouny and Abdallah Ali, both are Nile University alumni, were featured on the radio show hosted by Ola Bakr on Radio Masr. They shared their personal success stories within and beyond the university. Seif initiated the GSP club at Nile University, while Abdallah spoke about his RPM team's victory in EVER Racing competition, showcasing their excellence and dedication.Saif El-Harouney, a graduate from the Spring 2021 class in Business Administration, has made his mark as an Oracle Supply Chain Management Consultant at HITS Arabia. His role underscores his ability to leverage his education and skills to provide valuable insights and solutions within the realm of supply chain management.Abdallah Ali, an alumnus of the Mechatronics Engineering program from the Spring 2021 class, has chosen a path of education as a teacher at Orcas.

His commitment to passing on knowledge and shaping future generations reflects his dedication to both his field of study and the betterment of society. These individuals exemplify Nile University's dedication to fostering well-rounded graduates who excel in various spheres of professional life.

Alumni

Mohab Eid: A Trailblazing Journey of Academic Excellence, Research Contributions, and Competitive Achievements in Computer Engineering

Mohab Eid is a dedicated Nile University alumni with a degree in Computer Engineering class of Fall 2023.
His outstanding academic record has led to his acceptance into the Direct Ph.D. program at McMaster University's School of Engineering, specializing in computer engineering.

He made significant contributions to academia through multiple publications, including conferences, journals, and book chapters, all achieved during his undergraduate years. Along with being a GDSC lead, he engaged actively in the realm of research, Mohab undertook roles as a research assistant at both the WINC research center at Nile University and Helwan University, he also holds the position of part-time session lead at Udacity.
He got second place in the AIC-1 AI competition within the International Competition of the Military Technical College.
This competition concentrated on Arabic text summarization through Natural Language Processing (NLP). Moreover, in Hacktrick 2023 - an annual hackathon organized by Dell Technologies - Mohab, along with his teammates, secured first place. This accomplishment comes amidst stiff competition, with approximately 250 national teams from diverse universities participating.Mohab M. Eid's journey is one marked by tireless endeavor and exemplary achievements, demonstrating his commitment to academic, research, and competitive excellence.

Artificial Intelligence & IT in Gameful Design for Teachers & Trainers

The School of Continuing Education will start a new 40-hour online course about Artificial Intelligence & IT in Gameful Design for Teachers & Trainers.

The learning outcomes are:
• Designing tests, videos, and interactive books
• Coming up with creative ideas to use the latest technologies in education
• Using different educational methods

Graduation Ceremony for class 2022/2023

We're thrilled to have a tremendous ceremony for our beloved 2022/2023 senior graduates.

Location: UB 2 Garden, NU Campus
Date: September 10th 2023