



Nile University

جامعة النيل الأهلية

October Newsletter

2023

ISSUE#22



On the occasion marking the October War's 50th anniversary, we remember the sacrifices made by the men and women who loved their country.

This war showed to the world the Egyptians' ability to take brave decisions, make creative plans and implement courageous performances, which are features imbedded in all of us and we hope to see them reflected in every of our steps.



ACHIEVEMENTS



Achievements

Ms. Yomna Youssef Wins the 1st Place for Best Poster Award at the German-Arab Symposium on Bioinformatics



We are very excited to announce that Ms. Yomna Youssef won the 1st place for Best Poster Award at the German-Arab Symposium on Bioinformatics (GASB 2023) held on September 23rd - 25th at the German University in Cairo (GUC).

Ms. Yomna is a teaching assistant at NU School of Biotechnology and has participated with a project entitled "Single Cell Type Prediction through Machine Learning-based Models".

The symposium embraced the official inauguration of the German-Arab Research Network for Computational Life Science (GARN-CLS) funded by the DAAD and the German Federal Foreign Office that aims at fostering global research collaborations. Project partners include universities from Germany, Egypt, Lebanon, Morocco, Tunisia, and the EG-CompBio as a non-university partner.

Achievements

The Pharmacogenomics and Personalized Medicine (OPPM) Program

On September 7th, 2023, the faculty at the School of Biotechnology at Nile University traveled to Germany to attend the 3rd all-partners meeting for the Pharmacogenomics and Personalized Medicine (OPPM) program held at the University of Kiel. During the meeting, the partnering universities summarized the latest updates on the progress of different work packages and outlined expectations of what is to be achieved in the upcoming period in the project.

The School of Biotechnology at Nile University gave a presentation on the progress of work package 3 in which they are the leading partner. Under the guidance of Nile University, the consortium partners successfully purchased and installed cutting-edge experimental setups that are to be used in teaching the OPPM diploma and master's program.



Achievements

Net Mob 2023: Nile University Shines at the International Conference and Competition

We are proud to announce that Nile University successfully concluded its participation in the Net Mob 2023 International Conference and Competition held at Carlos III University in Madrid, Spain.

Our university presented three accepted research papers during the event. These papers included topics such as “Generating App Usage Data from Tax Data: The Artificial Data Approach - Analysis of French Data”; the second research focused on “Real-time Detection and Prediction of Social Disruptions and Disasters Using Mobile Data Movement”; while the third paper discussed “Predicting Societal Productivity Indicators Using Workforce Behavior Dynamics”.

The conference and competition revolved around the general theme of understanding social challenges through the lens of mobile service usage. It explored how the spatial and temporal aspects of mobile app consumption are connected to major challenges faced by modern societies today and whether monitoring app usage and preserving privacy by mobile network operators help detect and address such problems when they arise.

The goal of the conference was to discuss ideas related to creating reliable artificial datasets for mobile phones. During the event, participants were encouraged to conduct innovative studies that explore the potential links between emerging data from mobile applications and society. They also discussed ideas related to developing models capable of reproducing private data from publicly available information, which can be used to

create large volumes of high-quality artificial traffic patterns in different areas.

Furthermore, the conference addressed research on improving intelligent data-driven management of mobile networks, where solutions based on reliable data play an increasingly important role in the post-5G network environment.

The participating team from Nile University highlighted that the university's involvement in the conference sessions significantly showcased the research capabilities of Egyptian academics, particularly those from the College of Computers and Information Technology at the University of the Nile. It also emphasized the Egyptian role in scientific research in general.



Achievements

Student Achievement: Youssef Yasser at the International Invention & Trade Expo 2023

Congratulations to our talented student, Youssef Yasser, from Business Administration School, on his remarkable achievement at the International Invention & Trade Expo 2023. His project, "Maximizing the Optical Characteristics of Solar Reflectors for Improving Collector Efficiency", has earned him a well-deserved gold medal in London. This outstanding accomplishment is even more impressive considering the intense competition from 33 countries and over 2000 projects worldwide. Youssef's dedication, innovation, and hard work have truly paid off, and we are immensely proud of his success.



Achievements

The Graduation Ceremony of the English Enhancement Program



The School of Continuing Education has celebrated the graduation of the first batch of the English Enhancement Program that was conducted at Amgad International School. The CEFR-aligned programs empower the school learners - Grade 1 to Grade 12 - with the linguistic and cognitive skills to communicate effectively in English. By the end of each level, learners sit for the Cambridge simulation exam to track their progress. The overall goal of the program is to enhance the learners' English levels to meet the university requirements.

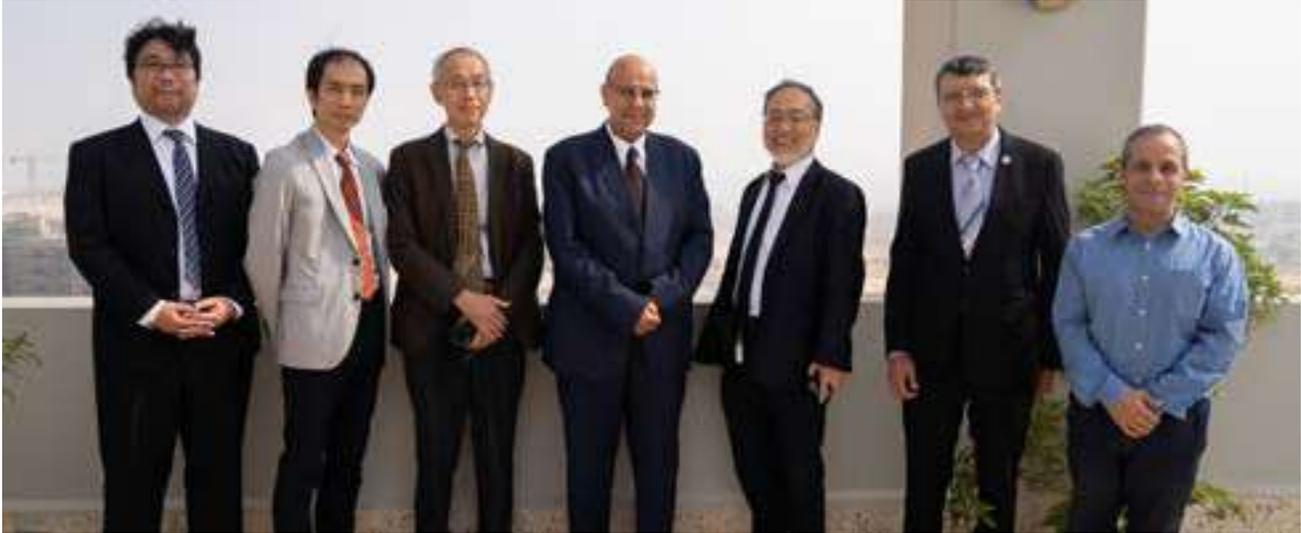


EVENTS



Events

The Launch of the Association for Computing Machinery's (ACM) at NU



Nile University was thrilled to announce the launch of the Association for Computing Machinery's (ACM), Cairo professional Chapter at our NU campus - which has its headquarters in New York. This enlightening event, held on Sunday, October 29th, welcomed a distinguished panel of experts:

- Professor Toshi Fukuda (E-JUST VP of Research and 2020 IEEE President, Waseda University)
- Professor Kazunori Ueda (E-JUST CSE Coordinator, Waseda University, CSE)
- Professor Keiji Kimura (Waseda University, Green Computing Systems Centre)
- Professor Yasutaka Wada (Meisei University, CSE)

A welcome note by Prof. Ahmed El Mahdy, head of Cairo professional chapter and Dean of ITCS school, was the introduction of the ceremony, followed by two interesting talks:

- "Toward Rank-level Approximate Computing for HPC Applications" by Professor Yasutaka Wada.
- "Development of OSCAR Compiler Cooperative Low Power Vector Multicore for AI-driven Robots" by Professor Keiji Kimura.

Events

EAS Industrial Advisory Board Meeting

The annual meeting with the industrial advisory board of EAS was held where Prof. Amr Safwat, EAS School Dean, presented the school strategic plan, the NAQAAE and ABET accreditation and the new UG 2023 Bylaws.

Then, the door was opened for a fruitful discussion between the school and the advisory board, focusing on improving the quality of EAS graduates of different programs and on the professional preparation of the students for the labor market.

The main objectives of the meeting are:

- Acquiring the recent requirements of labor market for freshly graduated engineers regarding technical and soft skills.
- Discussing the updated program's mission, program objectives, graduate attributes, and new UG 2023 bylaws.
- Interaction of faculty members with the labor market.



Events

The School of Biotechnology Enhancing Its Students' Technical and Interpersonal Skills



The School of Biotechnology is keen on providing students with the best off-campus research and market experience in preparation for their postgraduate careers. In an effort to enhance the students' technical and interpersonal skills as well as promoting their exposure to the market, our junior students joined a skillful training program at various scientific corporations such as Colors Medical Lab - Children's Cancer Hospital Foundation 57357 - NSA Labs - Global for Science and Knowledge. During this program, students were trained in different biotechnological applications including the use of different sequencing technologies, disease diagnostics, and IVF tools.

Events

North Africa in the Age of Biodiversity Genomics Workshop



On Friday October 13th, the School of Biotechnology at Nile University hosted the practical sessions of the “North Africa in the Age of Biodiversity Genomics” workshop organized by members of the African BioGenome Project (AFRICABP). AFRICABP is a pan-African effort that aims to establish genomic data of thousands of species for the enhancement and sustainable use of agriculture and biodiversity across Africa. This was a 5-day hybrid workshop featuring distinguished international speakers and hands-on practical sessions hosted at NU and moderated by the school’s Vice Dean, Dr. Asmaa Abu Shady, as a member of the consortium. Among the highlights of the practical sessions was learning the bioinformatics tools used in DNA barcoding for marine conservation and biodiversity.

Events

The Novel Intelligent and Leading Emerging Sciences (NILES) Event



The Novel Intelligent and Leading Emerging Sciences (NILES) is an annual international conference that is hosted and organized by Nile University. All previous runs for NILES, 2019 - 2022, were IEEE-sponsored and Scopus-indexed.

The conference aims primarily at bringing together researchers, engineers, academics, and professionals from different industries to share their

innovative ideas, present their recent research work, and explore future trends in various areas of engineering and technology.

Egyptian Export Development Bank Visit



The visit of the Egyptian Export Development Bank (EBANK) was aimed to study ways of cooperation with the university, where the Board of Trustees and administration of Nile University extended their sincere appreciation for what the bank provides in the field of social responsibility, by providing scholarships to distinguished and academically distinguished students in various specializations.

STUDENT LIFE



Student Life

NU E-Club at Techne Summit

NU E-Club is proud to share their participation in the Techne Summit, which took place in Alexandria from October 7th to 10th. Techne Summit is one of the most important events in the Middle East for technology and entrepreneurship, with over 30,000 attendees, 400 speakers, 1,000 startups, and 200 investors from more than 70 countries.

This edition was remarkable for its focus on renewable future and artificial intelligence, providing them with invaluable opportunities to explore new technologies and innovations. They also had the honor of meeting renowned entrepreneurs, engaging with them, and exchanging experiences and ideas, which will undoubtedly contribute to enhancing their skills and increasing their future opportunities.



Student Life

Biotechnomatics NU Club Organizing the Biotech World Conference 2

Nile University campus was abuzz with excitement on the 27th and 28th of September 2023 as the Biotechnomatics NU Club organized the highly anticipated Biotech World Conference 2. This prestigious event brought together professionals, researchers, and enthusiasts from the biotechnology field to share knowledge, exchange ideas, and explore the latest advancements in this rapidly evolving industry. The conference was made possible through the unwavering support and collaboration of our esteemed partners, Plasma and Biotech World. Furthermore, we extend our heartfelt gratitude to our generous sponsors: Redpull, Isis, AIESEC, and Wolf of LinkedIn.

The benefits of the conference were embodied in its openness to tackle the fields of the biotechnology job market, how to choose your field, start developing yourself, and qualify yourself for the job market. It discussed scholarships and how to prepare for them; it talked about scientific research and how to qualify yourself for this field.



Student Life

Nutshell and NU Book Club's Ink and Pixels Event

On Saturday, October 14, 2023, Nile University was vibrant with creativity and inspiration as Nutshell Club and NU Book Club joined forces to organize the highly anticipated Ink & Pixels event. This event marked the closing ceremony for a thrilling writing and design competition, bringing together talented individuals from diverse backgrounds to celebrate their passion for literature and the visual arts. The event kicked off with an impressive lineup of speakers who shared their expertise and insights on various topics related to writing, design, and publishing. Attendees were treated to thought-provoking discussions that delved into the intricacies of storytelling, the power of visual communication, and the evolving landscape of the publishing industry. The speakers' knowledge and experiences provided valuable guidance and inspiration to aspiring writers and designers in the audience. The highlight of the Ink & Pixels event was the competition, where participants showcased their creative prowess in three categories: short stories, novels, and graphic design. The competition not only fostered healthy competition but also served as a platform for individuals to receive recognition for their exceptional talent. Congratulations to all the participants, winners, and organizers of the Ink & Pixels event.



Student Life

Insider NU



Another milestone in InsiderNU's journey was added on Thursday, October 12th, by attending the 8th edition of Insider Conference for Student Journalism, which was hosted by Insider Tanta. Also, we are thrilled to announce that Insider NU proudly received four Insider awards:

- The best social media in 2023, equally with Insider Tanta.
- The best event organization in 2023, equally with Insider Tanta.
- The best caricature or art (Heba Mansour - former Head of Arts and Crafts).
- The best copyeditor (Salma Elwardany - Head of Arabic Writers and Reporters).

Many thanks to Insider Tanta (Tanta University) and Insider Menofia (Menofia University) for this great competition and to Insider Masr for their mentorship.

Student Life

NU Pack and Venom Fitness Academy

It was a month filled with energy, excitement, and a celebration of health and fitness as NU Pack Club and Venom Fitness Academy joined forces to organize a spectacular Club Festival. This collaboration brought together fitness enthusiasts, trainers, and students from Nile University for the club festival days of exhilarating activities and a vibrant display of passion for a healthy lifestyle.

The Club Festival, held in a buzzing atmosphere, provided a platform for participants to engage in various fitness challenges, workshops, and interactive sessions. NU Pack Club and Venom Fitness Academy designed an event that catered to individuals of all fitness levels, ensuring inclusivity and a sense of community throughout the festival. The collaboration between NU Pack Club and Venom Fitness Academy proved to be a winning formula, as the festival created a positive and motivating environment.



Student Life

Sports: Football Tournament



Nile University campus was buzzing with excitement as students geared up for the highly anticipated football tournament. This event, organized by Coash Ahmed, brought together talented and passionate students who had been diligently preparing their teams for weeks. Leading up to the event, students had been training tirelessly, honing their skills, and strategizing their game plans.

The dedication and commitment exhibited by each team were evident as they demonstrated their technical abilities, tactical awareness, and a strong bond forged through countless hours of practice. The tournament featured intense matches filled with thrilling goals, incredible saves, and captivating displays of teamwork. The football tournament has been for two weeks and it's still going on.

Student Life

Volleyball Team Victory

Shout out to the Nile University Volleyball Team! Congratulations on your incredible victory in the semifinals against the Shooting Club.

NU Club Festival



Nile University recently hosted an exhilarating Club Festival, a week-long event that showcased the diverse range of extracurricular activities available on campus. The festival was designed to engage students, encourage

participation, and promote the importance of involvement beyond the classroom. With a carefully planned schedule divided into different themes for the first three days and two days dedicated to Club Recruiters, the event provided a platform for all clubs to participate and for students to explore their interests. The Club Festival kicked off with three days of exciting and engaging themes. The festival then transitioned into two days dedicated to Club Recruiters. This segment provided an open space for all clubs to set up booths, display their achievements, and recruit new members. The atmosphere was electric as students traversed through the booths, engaging in conversations with club representatives, and gathering information about the clubs that resonated with their interests. It was a fantastic opportunity for students to find their niche within the campus community and join clubs that aligned with their passions and aspirations.

SCHOOL FAIRS & VISITS



School Fairs and Visits

Students Zone Event

Nile University proudly attended the Student Zone College and Career Fair 2023, providing a glimpse into our world of educational excellence and limitless possibilities. Our dedicated team was thrilled to engage with aspiring students and share insights on the exciting academic programs and career pathways we offer.



School Fairs and Visits

School Visits

The NU marketing team has been on the move, attending school fairs and visits, and spreading knowledge and information about Nile University. We had an amazing time interacting with students from various schools, and we'd like to extend our thanks to all the wonderful students who joined us on this exciting journey.

A big shoutout to the schools we visited:

- Collège Sacré Cœur Ghamra
- Majesty International School
- Capital International School
- New Vision International School
- Alsson International School
- EBIS 6 October
- Egyptian Language Schools (October)



ALUMNI



Alumni

Alumni Success Stories: Abdelrhman Abouelela Shines as an Orcas Employee of the Month

Abdelrhman Abouelela is a highly skilled Operational Specialist and Account Executive currently employed at Orcas, where he has excelled in the education management sector. His exceptional achievements have earned him the prestigious title of “Employee of the Month” at Orcas, reflecting his unwavering dedication, commitment to excellence, and fervent pursuit of success. With a bachelor’s degree in business administration, specializing in Operations Management and Supply Chain, Abdelrhman possesses a profound understanding of the operational intricacies vital to his role at Orcas. This educational foundation has greatly contributed to his proficiency in effectively managing operational aspects within the organization.



Ahmed Radwan’s Remarkable Rise to Personnel Manager at Abu Dhabi Islamic Bank

We extend our warmest congratulations on this well-deserved promotion of our esteemed alum, Ahmed Radwan, to the position of Personnel Manager at Abu Dhabi Islamic Bank. Ahmed, a 2018 graduate with a Bachelor of Business Administration majoring in Finance, has demonstrated exceptional dedication and prowess in his journey from student to career life. Throughout his career, Ahmed’s commitment to excellence and unwavering work ethic have consistently set him apart. Before his current role, Ahmed distinguished himself in various capacities, displaying an innate ability to navigate the complexities of the finance sector.



Alumni

Mazen El Sebaei: From a Mechanical Engineering Graduate to a Senior Procurement Specialist



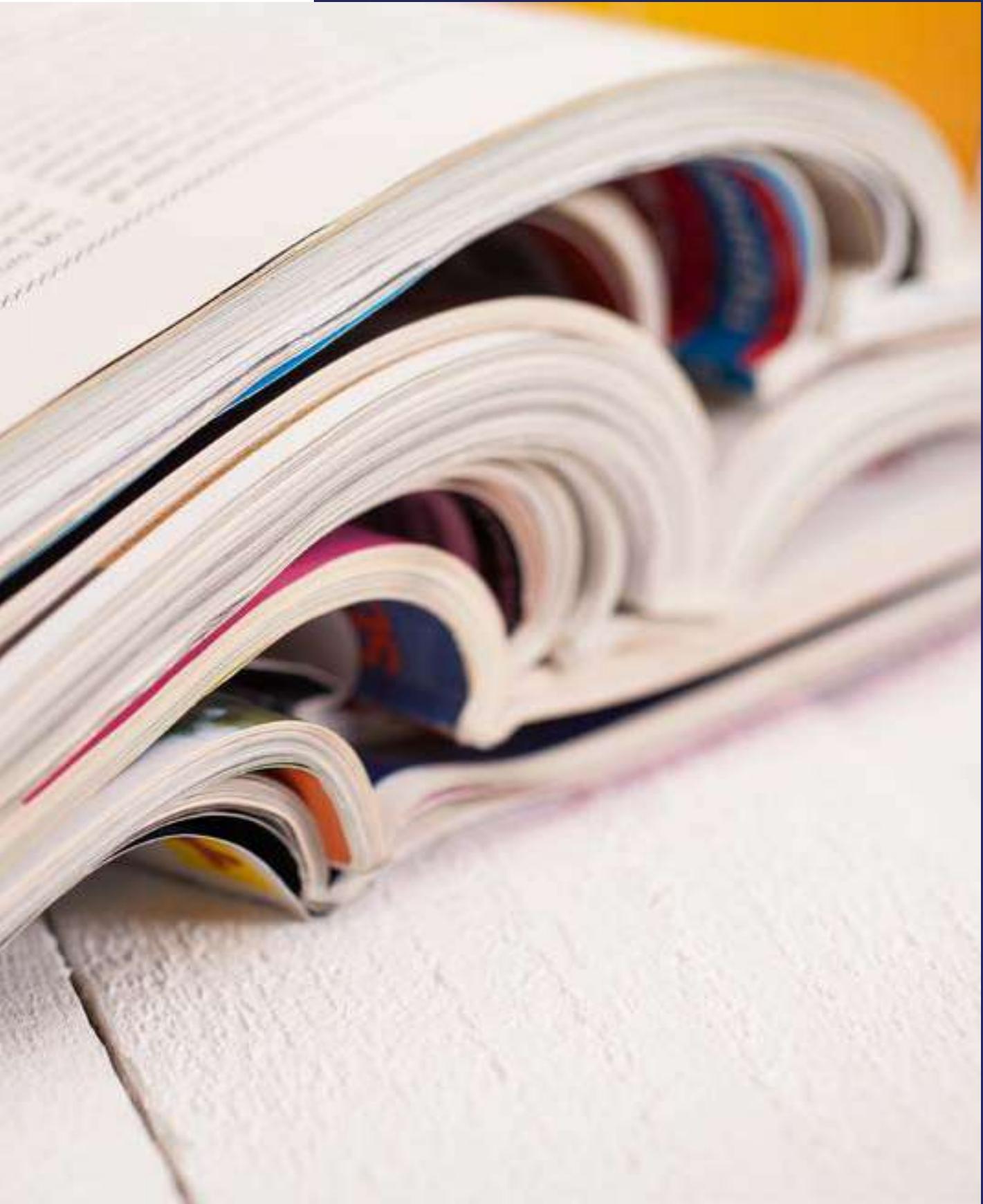
We extend our heartfelt congratulations to Mazen El Sebaei, a distinguished 2019 graduate from the esteemed School of Engineering and Applied Sciences, where he majored in Mechanical Engineering with a specialized focus on Thermal Sciences and Energy.

Mazen's robust educational foundation has undeniably been a cornerstone in propelling him toward his current position as Senior Procurement Specialist and Buyer at Breadfast.

Previously, Mazen held the role of Sourcing and Contracting Senior Specialist for Raw & Pack at Juhayna Food Industries, where he consistently demonstrated exceptional proficiency in procurement, sourcing, and supplier management. His unwavering commitment to excellence and keen attention to detail earned him well-deserved accolades and recognition.

Mazen's journey is a testament to the fusion of academic prowess and practical expertise, and we anticipate continued success in his professional endeavors.

PUBLICATIONS



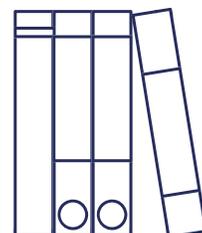
Publications

NU Publications on Scopus during October 2023

Paper Title	NU Authors
<p>1. Arbuscular Mycorrhizal Fungi as an Effective Approach to Enhance the Growth and Metabolism of Soybean Plants Under Thallium (Tl) Toxicity</p> <p>2. Metabolic Profiling Analysis Uncovers the Role of Carbon Nanoparticles in Enhancing the Biological Activities of Amaranth in Optimal Salinity Conditions</p> <p>3. Potassium Nitrate and Ascorbic Acid Priming Improved Tissue Chemical Composition and Antioxidant and Antimicrobial Activities of Linseed (<i>Linum usitatissimum</i> L.) Sprouts</p>	<p>Abdelrahim H.A.Hassan</p>
<p>4. Automated Library Mapping Approach Based on Cross-platform for Mobile Development Programming Languages</p>	<p>Ahmad A. Muhammad, Abdelrahman Mohamed Soliman, Hala H. Zayed, Ahmed Hassan Yousef, Sahar Selim</p>
<p>5. An Efficient Virus-induced Gene Silencing of PDS Gene in <i>Solanum Lycopersicum</i> (cv. Rio Grande) and its Functional Analysis</p> <p>6. Characterization of the Tubby-like Proteins (TLPs) Gene Family in <i>Cucumis Sativus</i> L.: Insights into the Evolution, Structure, and Expression Patterns under Salt Stress</p> <p>7. Functional Characterization of the IGT Gene Family in Wheat Reveals Conservation and Variation in Root Architecture under Drought Condition</p>	<p>Asmaa Mohammed Aly Abushady</p>
<p>8. Evaluation of Geospatial Interpolation Techniques for Enhancing Spatiotemporal Rainfall Distribution and Filling Data Gaps in Asir Region, Saudi Arabia</p>	<p>Bakinam T. Essawy</p>

Publications

9. Editorial: Women in Chemistry 2022	Irene Samy Fahim
10. Potential Antibacterial, Antibiofilm, and Photocatalytic Performance of Gamma-irradiated Novel Nanocomposite for Enhanced Disinfection Applications with an Investigated Reaction Mechanism	M. Abd Elkodous
11. High Gain Meander Line Antenna for 2.4 GHz Bluetooth Applications	Mai O.Sallam, Mohamed M. Gad
12. DT2CAM: A Decision Tree to Content Addressable Memory Framework	Mohammed E. Fouda
13. Crystal Violet Removal Using Bimetallic FeO-Cu and its Composites with Fava Bean Activated Carbon	Nora Mohamed, Reem M. El-Taweel, Shaimaa Husien, Irene Samy Fahim, Lobna A. Said, Ahmed G. Radwan
14. Investigation of Olive Leaf Extract as a Potential Environmentally Friendly Corrosion Inhibitor for Carbon Steel	Sherifa ElHady, Hatice Inan, Mahmoud Shaaban, Irene Samy Fahim
15. Modeling of Dark Current in Semispherical Quantum Dot Structures for Infrared Photodetection	Yasser M. El-Batawy





Dear NUians,

As midterms week approaches, we want to wish you the best of luck in your exams. We understand that this period can be stressful, but we also know that with the right strategies and determination, you can excel in your exams. Remember that you've worked hard all semester, and this is your chance to showcase your knowledge and skills. Stay confident, stay focused, and believe in yourself.

To help you prepare effectively, here are some helpful study tips:

- 1. Plan Your Schedule:** Create a study plan with allocated time for each subject.
- 2. Take Breaks:** Schedule short breaks during study sessions for better concentration.
- 3. Review Notes:** Go through class notes and textbooks to understand key concepts.
- 4. Active Learning:** Summarize, make flashcards, and teach the material actively.
- 5. Practice with Past Exams:** Use past exams if available for practice.
- 6. Stay Healthy:** Get enough sleep, eat well, and exercise to stay in peak condition.
- 7. Stay Positive:** Keep a confident attitude and believe in your abilities.
- 8. Group Study:** Consider studying with peers to reinforce understanding.
- 9. Test-Taking Strategies:** Read the instructions carefully, manage your time wisely, and answer the questions you know well first.

Remember that exams are just one part of your academic journey, and your hard work will pay off. Keep your goals in mind, stay positive, and give it your best effort.

You've got this!

IMPORTANT DATES

November 2nd
Deadline for
withdrawal with a
grade of "W" for
undergraduates.



**November
18th-25th**
Midterms Week

November 28th
Honors Assembly





4/11/2023
 NU Pack will host "NU Sports Day" with a variety of athletic activities.

7/11/2023 – 10/11/2023
 NIMUN will host a conference for its organizing committee members.



STAY UPDATED



9/11/2023
 NU Black Theater will host an acting workshop.

15/11/2023
 Nutshell will release the 4th edition of their annual magazine.



15/11/2023
 WessalNU will organize a visit to the Egyptian Red Crescent.



DID YOU KNOW?



GSP Club

The GSP Club stands for “Graduate Starter Pack” and it aims to help students gain the necessary skills that will help them find and maintain a job after graduation.



Campus Gems

Best Hangout Spot: Pergola

