Nile University

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NEWSLETTER ISSUE 2 FEBRUARY 2021

The month of February 2021 has been bombarded with exciting events and fruitful partnerships that, with no doubt, put Nile University on the unique path of being the leader in youthful competitions and academic research seminars to pave the way towards new advancements.

Here are the highlights of the month:

NU-IOM PARTNERSHIP

Nile University (NU) had the pleasure of partnering-up with The International Organization for Migration (IOM) Italy in their project **"Facilitating on the job training and skills circulation between young people"** who are coming from Egypt, Morocco, and Tunisia as well as Italian corporations based in Veneto (one of the 20 regions in Italy and its capital in Venice). The project foresees the development of a comprehensive package to prepare for an internship experience in Italy, and this encompasses: a pre-departure training for selected interns in their countries of origin, an intensive Italian language course; an internship program of up to 4 months in Italian companies for up to 45 youngsters, the continuous monitoring of skills development during the internship period; the facilitation of job placement for trainees upon return in their countries of origin. This project opens vast opportunities for NU students to learn, explore and grow beyond their limits.

RPM-US

Under limited time, **RPM-US club** has celebrated signing its first partnership with a well-established firm to support NU students with creating a fully utilized robot from scratch to participate in exhibitions and showcases and can overcome obstacles.
Let us wish them the Best of Luck!

COMMUNITY SERVICE

NU always strives to give back to the community with any form of help; and this month we are proud to announce that NilePreneurs (through the Nile Pioneers Initiative) supported **Misr El Kheir Foundation** with 16,244 protective face shields, which were distributed to isolation and fever hospitals. Thank you NilePreneurs and keep it up!

ACHIEVEMENTS

HAIL TO THE SCHOOL OF INFORMATION TECHNOLOGY AND COMPUTER SCIENCE (ITCS)!

Under the supervision of Prof. Dr. Ahmed Hassan, Dean of ITCS School, and NU ITCS topnotch professors: Dr. Walaa Medhat, Program Director of Computer Science (CS), Dr. Mustafa Al-Attar, Program Director of Artificial Intelligence (AI), Dr. Muhammad Al-Hadidi, Program Director of Biomedical Informatics (BMD) and Engineer Noha Jamal, Instructor at ITCS School, were chosen to be part of the **Scientific Bylaws Committee** for setting scientific regulations for faculties of Computer Science and Engineering for new universities. These universities include: Galala University, King Salman University, New Alamein University, and New Mansoura University. Our strength lies in the availability of prominent scientific cadres who help provide the best quality in the educational process and scientific research. Best of luck to our professors and for more future endeavors!

CONGRATULATIONS

Dr. Mohamed S. Darweesh (Assistant Professor in Electronics & Computer Engineering Program & Researcher at WINC) on being a senior member for IEEE

Eng. Ahmed Hosny Abdelgawad (EAS/MSD) for becoming the youngest NU member to join EYAS, Egyptian Young Academy of Sciences.

CONGRATULATIONS YARA

Yara Khaled is a mechatronics engineering student at Nile University. She won in the Middle East and North Africa in the solution challenge in 2020 with her project **"Excellia"** with her team.

COMPETITIONS

11TH UGRF

The Undergraduate Research Forum (UGRF) is an event held every semester and represents one of the unique differentiators of Nile University as a research university. It is the one day in the semester that is full of science and packed with breathtaking creative ideas and mind-blowing innovations executed by our undergraduate students. From posters to prototypes, simulations, robots, models, innovative applications, business plans for new startup ideas and a lot more. Two new, different competitions this semester added to UGRF11. The competition is to bring all the hard work and achievements done be NUians to the light, celebrate it and influence others with it. This competition is dedicated to NUians only (current students and Alumni).

The 11th Undergraduate Research Forum took place on the 6th of February 2021, which was very successful and witnessed huge engagement from students, professors, NU members and from the public as well. The event was live virtually streamed via NU FB, NU-Research and NU TICO pages. The event was hosted by student Mayar Abdallah and had the presence and support of NU leadership; Prof.

Tarek Khalil in the closing, Prof. Ahmed Radwan, Prof. Wael Akl and Eng. Heba Labib in the opening. The 11th UGRF included 27 participating courses with +200 projects, +800 NU students, +100 Jury from +25 External Institutes, + 1400 reviews, and 26 Zoom parallel sessions on the same day. It also included 4 additional competitions; NU Success Stories, Discover NU, Business Model Competition and NP competition. Awards for winners sums up to 80 trophies, as well as several cash awards. As a tradition in every UGRF, NU recognizes the undergraduate NUians who engage in research and publish scientific papers. In the 11th UGRF, total Scopus-indexed publications by NU Students were 23 papers and 50 Scopus profiles.

EVER EGYPT

Congratulations to **RPM-US and ICPC clubs** for winning the 1st and 2nd places in the Research Forum Success Stories. RPM-US won the first place at EVER Egypt competition and ICPC took the 2nd place for their community story.
Keep up the good work!

SSCI 101 SELECTED TOPICS IN ARAB HERITAGE

PHOTO CONTEST

ENJOY YOUR HERITAGE, DISCOVER IT YOURSELF

BUSINESS SCHOOL PHOTOCONTEST

For the 6th semester in a row, students of SSCI 101 have participated in the opening of the Project Jury with a PhotoContest displaying the fun moments of the course. Entries from 1670 photos were screened down to 5 categories as follows: Soul - Stone - Detail - Inscriptions - Fun - Cats of Cairo. These reflect how students perceive and relate the content of the course to what they experience in the field trips in a hands-on sensory experience that not only tells historical stories, but live its implications on buildings, heritage, and society. The course is part of the General Education requirements provided at NU under the instruction of Professor Ayman Ismail. The exhibition is graciously hosted by the NUBS. Voting is opened for all people to join for a period of one week.
Stay Tuned..

ACADEMIC WEBINARS

Prof. Ahmed Radwan, Vice President for Research, participated in a live public talk and session chairing in the 1st International Conference in Mathematical Sciences and Fractional Calculus which took place on dates between 16-18 of Feb, 2021.

The 12th Symposium of the Fractional Calculus and Applications Group

1st international (ONLINE) Conference in Mathematical Sciences and Fractional Calculus (ICMSFC Feb 2021)

Organised by:

The Fractional Calculus and Applications Group

CERTIFICATE OF APPRECIATION

To the invited speaker

Prof. Lobna Said

Nile University , Egypt.

For his valuable talk and informative presentation entitled:

Fractional-Order Calculus Applications in Electrical Engineering

Prof. Ahmed M. A. El-Sayed

Chairman of the symposium

On February 18th 2021, **Dr. Lobna A. Said,** Assistant Professor in Microelectronics System Design Master program & NISC Center, Nile University; member of the Egyptian Young Academy of Science (EYAS), ASRT, Egypt; and An affiliate member of the African Academy of Science (AAS), joined the 1st International (ONLINE) Conference in Mathematical Sciences and Fractional Calculus with a valuable scientific session followed by open discussion in the12th Symposium of the Fractional Calculus and Applications Group. The talk was entitled “Fractional order circuits and systems”. Wish you more future successes Dr. Said!

Dr. Tawfik Ismail, Director of WINC Research Center, Director of Wireless Technology Master Program, successfully participated in two conferences in February as a keynote speaker, which are: International Conference on Advancements in Nanoelectronics and Communication Technologies (ICANCT2021),4-6 Feb – 2021; and International Conference on Recent Trends on Computational Intelligence & Communication (RTOCIC-2021), 19-20 Feb – 2021.

GSP WELL-BEING PROJECT

As the pace of life in the modern world is intense and always requires quick actions, our students sometimes get overwhelmed and stressed and forget to take care of themselves. Hence, GSP well-being project aims to help the students take care of their mental, physical, and emotional health. It provides tips on how to take better care of oneself throughout the day in minimal yet effective ways.

MAGAZINES

NUTSHELL

Nutshell continues its amazing work by creating a student-activities system that emphasizes on work proficiency and organization. They partnered with “Wessal”, which is a group of students that aims at helping organizations that need long-lasting economic, social, and environmental improvements.