



Nile University

جامعة النيل

# January

# Newsletter

2026

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“Believe you can and you’re halfway there.”

— Theodore Roosevelt





# News

## International Partnerships in Teaching and Research

As part of the Faculty Mobility Exchange under the ERASMUS+ framework, faculty members of the Architecture and Urban Design program ARUD at Nile University engaged in training, teaching and research collaboration with members of our partner institution at the Slovak University of Technology. Two visits to Bratislava and one to Rome Italy as recent as January 2026.

In the first visit (September 2025), Dr. Menna Tawfik and Dr. Israa El-Maghraby undertook a visit to STU, which included meetings with partner institutions at the Slovak University of Technology (STU) and a range of knowledge-sharing activities designed to advance joint research, teaching and reinforce international cooperation. A key meeting was held with Professor Katarína Smatanová, Vice-Rector for Public Relations and International Cooperation at STU, to outline a clear roadmap for semester-abroad opportunities for ARUD students in the coming years. In addition, both parties agreed to collaborate on the development of a joint course to be delivered internationally in an online format. The visit also included a workshop with Milan Husar, Associate Professor at Spectra Centre of Excellence at STU, exploring recent technological advancements in spatial urban planning and resulting in laying the groundwork for future joint research initiatives targeting innovative approaches in the field, further strengthening academic collaboration and the exchange of expertise between ARUD and STU.

The second visit to STU (October 2025) by ARUD Program Director, Prof. Dina Shehayeb, involved teaching and research-based design workshops. Prof. Shehayeb delivered a guest lecture to STU students in Bratislava, and then joined as a visiting professor, the Trenčín International Urban Workshop, held from October 12–14. The workshop brought together participants and faculty from three academic institutions: the Slovak University of Technology (STU), Vienna University of Technology (TU Wien), and a partner university from Serbia, fostering a rich environment of interdisciplinary and cross-cultural exchange between our ARUD students from Nile University (NU) and international Mundus Urbano master's students.

The workshop in Trenčín, one of the 2 chosen 2026 European Capital of Culture focused on collaborative urban analysis and design exploration, activating cultural assets towards community-led urban regeneration. Prof. Shehayeb delivered a methodology lecture and played an active role in guiding discussions and providing critical academic feedback throughout the design sessions. Her involvement significantly enriched the learning experience and strengthened the academic exchange between participating institutions. Through this immersive academic experience, ARUD students strengthened their skills in urban research, critical thinking, and collaborative design, while gaining firsthand exposure to diverse pedagogical approaches and international perspectives on urbanism.

The third meeting in Rome in January 2026 was a follow up building upon ARUD participation in the Trenčín International Urban Workshop. Prof. Maros Finka introduced Prof. Dina Shehayeb and ARUD at NU as a potential collaborator in an ongoing Horizon Europe funded project led by Sapienza Università di Roma. Extensive discussions covered planning for future collaborations in research and jointly planned teaching stressing ARUD program's continued commitment to experiential learning, international collaboration, and active engagement within global academic networks.



# News

## SafeAgroMENA Project Committee Meeting

The SafeAgroMENA Project successfully held its 4th Steering Committee meeting at Nile University, bringing together key stakeholders and decision-makers involved in shaping the reuse of agricultural drainage water for irrigation.

The meeting presented key updates from Nile University (NU), BENAA, and the Drainage Research Institute (NWRD), with participation from the Water Management Research Institute, National Water Research Center, Ministry of Water Resources and Irrigation, Arab Water Council, Egyptian Engineering Consultant Office (EECO), Soils, Water and Environment Research Institute, and the Ministry of Health.



## Local Leadership Strengthening Program for the Ministry of Local Development, in partnership with TLS

The Ministry of Local Development, The Innovation, Entrepreneurship, and Competitiveness Center (IECC) have successfully delivered the Project Management training as part of the first unit of the Local Leadership Strengthening Program for the Ministry of Local Development, in partnership with TLS.

Participants engaged in interactive discussions and hands-on applications in the first unit, focused on the core foundations of effective government projects and how local administration can translate public policies into tangible outcomes for citizens. They explored the project life cycle for effective planning, implementation, and monitoring; the key differences between projects, programs, and portfolios to bridge vision with execution; critical success factors like team, resource, and stakeholder management; balancing the triple constraint of time, cost, and scope; and Problem Tree Analysis to identify root causes and craft precise, impactful interventions.

The program was led by IECC experts: Asmaa Ahmed Deputy Director, Amir Azmy Senior Systems Engineer, Hisham Gamal Project Manager, and Youssef Yahya Community Development Specialist. Who shared their expertise to make these concepts practical and actionable. These sessions played a key role in boosting institutional capacity, empowering teams for seamless project implementation, providing practical tools that drive effective project delivery, and create lasting public value for communities.



# News

## Nile University, IECC launched the Entrepreneurship Program – Grad Track



As part of IECC's mission to support young innovators, we launched the IECC Entrepreneurship Program – Grad Track, designed to support Nile University graduating students with innovative ideas and help them explore their commercial potential.

The program kicked off with onboarding and an introduction session led by Yomna Elnahas, Head of Startups Acceleration, followed by hands-on training sessions delivered by Aya Gamal, Senior Associate. These sessions helped students move beyond initial concepts and adopt a founder's mindset, offering practical tools to transform graduation projects into clear value propositions.

The training focused on identifying target customer segments, understanding real customer needs, and shaping ideas into scalable and sustainable business models. In addition, pitching fundamentals and best practices were introduced to help participants learn and master the art of pitching, enabling them to clearly and confidently communicate their ideas. Students were also guided to connect technical solutions with market demand and validate their assumptions through direct customer engagement.

Through the Entrepreneurship Grad Track, IECC supports graduating seniors in bridging the gap between academic innovation and real-world impact, preparing them for market-ready solutions, investor pitches, and future growth.

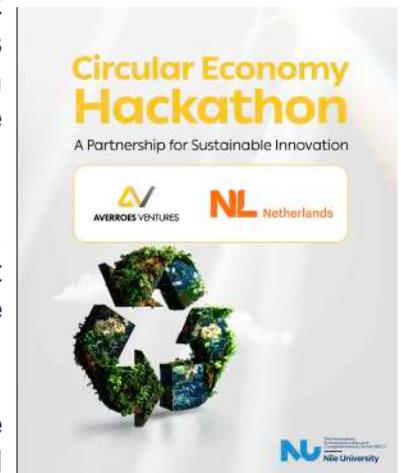
# News

## Nile University, IECC partners with Averroes Ventures for the CircuPack program

The Innovation, Entrepreneurship, and Competitiveness Center (IECC) at Nile University have announced its partnership with Averroes Ventures for the CircuPack program, launching the Circular Economy Hackathon at Nile University. The CircuPack program is made possible with the support of the Embassy of the Kingdom of the Netherlands in Egypt.

Averroes Ventures brings decades of experience in the investment, development, and manufacturing sector in Egypt. Combining impact investments with venture capital coined with regional market knowledge and renowned heritage.

This dynamic collaboration will support students and early-stage innovators from Nile University and partner institutions to tackle real MENA agrifood challenges using circular economy principles. With expert mentorship brought by AVERROES Ventures, participants will design practical solutions, build viable business models, test prototypes, and pitch confidently to a panel of industry leaders.



## IECC, ClimaTech Accelerator Bootcamp

ClimaTech Accelerator Bootcamp 2025 has officially kicked off, welcoming a selected group of climate tech startups to an engaging onboarding day focused on alignment, collaboration, and growth.



The day opened with Ahmed Saleh, IECC Executive Director, who introduced IECC's mission, the program structure, key recycling focus areas, and the role of Cycle 3 in driving sustainable innovation and tangible environmental impact.

Startups then explored Opportunities for Green SMEs, highlighting accessible green financing pathways for recycling and waste reduction projects, along with practical steps to transform eco-friendly ideas into scalable, impact-driven businesses.

This was followed by a Startup Assessment session conducted by the IECC team, providing targeted feedback to refine business models, identify growth opportunities, and strengthen investor readiness.

Following a welcome from ADCB, Mr. Ahmed Nabil, Head of Business Development, delivered a financial session covering banking support and sustainable financing strategies essential for scaling climate tech ventures.

Through expert guidance, funding access, and strong ecosystem connections, the program empowers startups to reduce risk, scale faster, and turn climate solutions into real economic and environmental impact for Egypt.

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# EVENTS



# Events

## Nile University Discovery Tours

Nile University offers discovery tours once again every Monday. These tours are guided by NU Ambassadors where students get to meet and hear from faculty personnel, helping students and their families see firsthand life on campus and our vibrant community. Tours are running throughout February every Monday from 10 AM to 2:30 PM.

## Off Campus School Visits

During January, the SRO team conducted visits to 9 schools connecting with high school students to showcase Nile University's programs and campus opportunities. Through friendly conversations, we answered students' and parents' questions, helping students better understand their options and feel confident as they take their next step toward higher education.

Schools visited included:

- ICB Banha
- British School in Cairo
- Knowledge Valley British International School
- Newcastle International School
- Epic International School
- Highlands School of Egypt
- El Alsson International School
- Dr. Nermien Ismail schools
- Al Hoda International School



## Kempinski Hotel - ZoneED Cairo Fair

Nile University was proud to participate in the Non-Egyptians Zone at the ED Cairo Fair at Kempinski Hotel, New Cairo, where we connected with prospective non-Egyptian students and their families, sharing insights into our academic programs, campus life, and global opportunities.



# Events

## NU Campus, Celebrating Innovation: Highlights from 21<sup>st</sup> UGRF



Nile University concluded the 21st edition of its Undergraduate Research Forum (UGRF) with the participation of over 800 students who presented more than 250 research projects across various disciplines.

Students participated through more than 40 academic courses across the university's colleges, covering key tracks including Engineering, Information Technology and Computer Science, Business Administration, and Biotechnology. This wide participation reflected the diversity of research fields and the richness of scientific work presented.

More than 80 jury members from Egyptian universities, research centers, and industry evaluated the projects based on rigorous scientific standards. The forum resulted in the recognition of over 70 outstanding student teams, highlighting excellence and innovation in research.

UGRF continues to promote a strong research culture and support student development at Nile University.

## BUE – Enactus Nile University: General Orientation Training

The days we spent at GOT, organized by Enactus Egypt at the British University in Egypt (BUE), were highly enriching and impactful. The event offered valuable learning experiences across different fields, helping us gain new knowledge, develop skills, and broaden our perspectives.



In addition to learning, GOT created a positive and enjoyable environment where we built strong bonds, shared meaningful moments, and collaborated with enthusiasm. It also provided a great opportunity to connect with members from other Enactus branches, exchange ideas, and expand our professional network.



# ACHIEVEMENTS



# Achievements

## ARUD Students' Semester Abroad (STU)

Seven undergraduate students from the Architecture and Urban Design (ARUD) program at Nile University (NU) have successfully returned from their semester abroad, further reinforcing the program's commitment to academic excellence, international exposure, and global engagement.

We proudly congratulate the ARUD students who completed their exchange semester in Bratislava, Slovakia, at the Slovak University of Technology (STU) under the guidance of Dr. Milan Husar, Dr. Zuzana Ladzianska, Dr. Maroš Finka, and Dr. Matej Jaško. The students demonstrated outstanding academic performance in advanced courses such as Spatial Planning and Humanization Master courses.

This experience provided valuable exposure to international academic practices and collaborative learning alongside Erasmus+ master's students from diverse cultural and academic backgrounds.

Alongside, the students attended their NU courses remotely including the ARUD Graduation Project team, led by Dr. Sameh Elfeki, contributing to graduation project site selection and concept development.

This notable achievement was made possible through the Erasmus+ International Credit Mobility (ICM) agreement between Nile University and the Slovak University of Technology. Special appreciation is extended to Dr. Dina K. Shehayeb, Ph.D., Professor and founding Program Director of the ARUD program, whose vision and continuous dedication have been instrumental in enabling such impactful international learning opportunities for ARUD students.



# STUDENT LIFE



# Student Life

## Microsoft Student Clubs Nu: Mindcraft workshop

The collaboration between Microsoft Student Clubs – Nile University (MSC NU) and 180 Daraga marks an important step in our mission to empower students with practical, career-ready skills. Through this partnership, we are proud to present the MINDCRAFT Workshop, a two-week hands-on learning experience designed to bridge the gap between academic knowledge and real-world applications. By combining MSC NU's student-driven learning environment with 180 Daraga's industry-focused expertise, MINDCRAFT offers multiple tracks including Frontend Development, Cybersecurity, Data Analysis, and Soft Skills & Freelancing. The workshop focuses on real projects, interactive sessions, and final presentations to ensure participants gain both technical and professional experience. This collaboration reflects our commitment at MSC NU to creating impactful learning opportunities, fostering innovation, and preparing students for the evolving job market. Together with 180 Daraga, we aim to provide a powerful, inclusive experience open to both Nile University and external students.



## Ambassadors Training Session



This month, our ambassadors participated in a comprehensive meeting served as refresher training to prepare for the upcoming major fairs and events. This preparation ensures that our team is fully equipped to represent NU confidently.

# Student Life

## Microsoft Student Clubs Nu: MLSA at UGRF



Microsoft Student Clubs – Nile University (MSC NU) proudly handled the organization and event management of UGRF in collaboration with the Nile University Research Office. Our team was responsible for ensuring the smooth execution of the event through structured planning, efficient coordination, and on-ground support. From logistics and venue preparation to session scheduling and technical setup, MSC NU worked closely with the NU Research Office to align every detail with the event’s academic and research-focused objectives. We focused on creating a professional and well-organized environment that supported undergraduate researchers, facilitated clear communication, and enhanced audience engagement. Our team ensured that speakers, presenters, and attendees experienced a seamless flow throughout the event. This collaboration highlights MSC NU’s ability to manage large-scale academic events and reflects our commitment to supporting undergraduate research at Nile University by delivering high-quality, impactful, and well-executed research platforms.

## Clothes drive donations

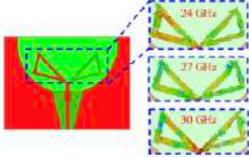
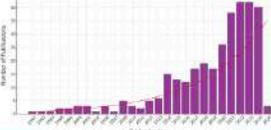
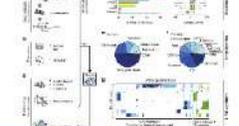
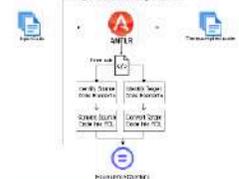
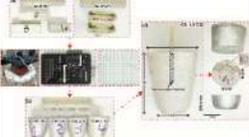
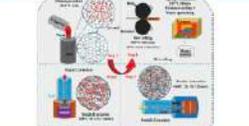


Wessal NU organized a Clothes Drive to support the housekeeping workers at the university, aiming to promote solidarity and social responsibility within the campus community. The initiative encouraged students, staff, and faculty members to donate clean and gently used clothes to help meet the needs of the workers who play a vital role in maintaining the university environment. Through this drive, Wessal NU sought to spread kindness, appreciation, and gratitude, reinforcing the values of empathy and community support. The initiative reflects Wessal NU’s ongoing commitment to making a positive social impact and supporting those who contribute daily to the university’s success.

# PUBLICATIONS



## NU Publications on Scopus during Jan 2026

	<p><b>5G Beam-Switchable Array With Full Spatial Coverage Employing Wideband Bow-Tie Antenna</b>  <b>NU Authors:</b> <a href="#">Mai O. Sallam</a>, <a href="#">Mohamed M. Gad</a>            Source: IEEE Access</p>
	<p><b>A Comprehensive Survey on Fuzzy Vehicle Routing Problem</b>  <b>NU Authors:</b> <a href="#">Ayman R. Mohammed</a>, <a href="#">Mohamed Aly Wahby Shalaby</a>, <a href="#">Sally S. Kassem</a>            Source: SN Computer Science</p>
	<p><b>Community assessment to advance computational prediction of cancer drug combinations in a pharmacogenomic screen</b>  <b>NU Authors:</b> <a href="#">Mahmoud M. ElHefnawi</a>            Source: Nature Communications</p>
	<p><b>MPDenoiseNet: Resource-Efficient Deep Learning Approach for Image Denoising</b>  <b>NU Authors:</b> <a href="#">Mostafa Kamal</a>, <a href="#">Walid I. Al-Atabany</a>            Source: Neural Processing Letters</p>
	<p><b>Formal Verification of Transcompiled Mobile Applications Using First-Order Logic</b>  <b>NU Authors:</b> <a href="#">Ahmad Ahmad Muhammad</a>, <a href="#">Mahitap Ayman</a>, <a href="#">Samer A. Elhossany</a>, <a href="#">Walaa Mohamed Medhat</a>, <a href="#">Sahar Selim</a>            Source: Technologies</p>
	<p><b>Solidification Modification and Microstructural Evolution of Al-Zn-Mg-Cu Alloy with Praseodymium Additions</b>  <b>NU Authors:</b> <a href="#">Mohamed A. Afifi</a>            Source: Metallography, Microstructure, and Analysis</p>
	<p><b>Synergistic strengthening from carbides and twinning unlocks exceptional cryogenic properties in a C-doped high-entropy alloy</b>  <b>NU Authors:</b> <a href="#">Mohamed A. Afifi</a>            Source: Materials Chemistry and Physics</p>
	<p><b>Microstructural Evolution and Strengthening Mechanisms in a Mg-Gd-Y-Zn-Zr Alloy via Multi-stage Thermomechanical Processing</b>  <b>NU Authors:</b> <a href="#">Mohamed A. Afifi</a>            Source: Journal of Materials Engineering and Performance</p>

# NU Publications on Scopus during Jan 2026

## NU publications in NILES 2025 on Scopus Now!

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### Abstract

The proceedings contain 121 papers. The topics discussed include: optimum design of cold-water inlet in a single-tank electric water heater; an N-Qubit teleportation protocol with a generalized GHZ state; comparative analysis of genetic algorithm, simulated annealing, and particle swarm optimization for PID parameter tuning in continuous stirred-tank reactor; ZeroSeedRec: enhancing zero-shot recommendation with domain-specific instruction-tuned LLMs: a pipeline for synthetic seed and self-instruct data generation; securing IIoT networks using a hybrid PCA-CNN-based intrusion detection system; simple CMOS pulse shapers designs; evaluating MobileVIT for disease diagnosis in medical imaging: a systematic review; and gammatone filters: approximation and design example.

[1]	<b>A Comparative Study of Data Poisoning Detection in Wearable AI Systems using Machine Learning and Large Language Models</b> <b>NU Authors:</b> <a href="#">Abdel Aziz Amr</a> , <a href="#">Mohamed Youssef</a> , <a href="#">Mamdouh Koritam</a> , <a href="#">Abdullah Emam</a> , <a href="#">Hussein Ahmed</a> , <a href="#">Ensaf Hussein Mohamed</a> Source: 7th Novel Intelligent and Leading Emerging Sciences Conference, NILES 2025 - Proceedings
[2]	<b>A Lightweight Super-Resolution CNN for OFDM Channel Estimation</b> <b>NU Authors:</b> <a href="#">Mustafa A. Elattar</a> Source: 7th Novel Intelligent and Leading Emerging Sciences Conference, NILES 2025 - Proceedings
[3]	<b>A Scalable Over-the-Air Firmware Distribution Architecture for Industry 5.0 Based on SoC</b> <b>NU Authors:</b> <a href="#">Ahmed I. Ahmed</a> , <a href="#">Mohamed A. Elshiemy</a> , <a href="#">Lobna A. Said</a> , <a href="#">Ahmed H. Madian</a> Source: 7th Novel Intelligent and Leading Emerging Sciences Conference, NILES 2025 - Proceedings
[4]	<b>Adaptive Domain Decomposition for Surrogate-Based Global Optimization</b> <b>NU Authors:</b> <a href="#">Yara H. Elkassaby</a> , <a href="#">Irene Samy Samy</a> , <a href="#">M. H. Gadallah</a> Source: 7th Novel Intelligent and Leading Emerging Sciences Conference, NILES 2025 - Proceedings
[5]	<b>Aduvia: A Multi-Purpose AI-Powered Learning Management System (LMS)</b> <b>NU Authors:</b> <a href="#">Ahmed A. Megahed</a> , <a href="#">Ahmed Momen Ibrahim</a> , <a href="#">Ahmed Moussa</a> , <a href="#">Mohamed F. Arnous</a> , <a href="#">Youssef Elmoataz</a> , <a href="#">Heba Kamal Aslan</a> , <a href="#">Ismail Ahmed Abu-Krishna</a> , <a href="#">Malak Magdy Abdelsattar</a> Source: 7th Novel Intelligent and Leading Emerging Sciences Conference, NILES 2025 - Proceedings

## NU Publications on **Scopus** during Jan 2026

[6]	<p><b>An Ensemble Learning Approach for AI-Powered Chatbot for Mental Health Assessment and Support</b>  <b>NU Authors:</b> <a href="#">Nermin Kamal Abdel Wahab Negied</a>            Source: 7th Novel Intelligent and Leading Emerging Sciences Conference, NILES 2025 - Proceedings</p>
[7]	<p><b>An Intelligent Virtual Assistant for Symptom Assessment and Healthcare FAQ Resolution</b>  <b>NU Authors:</b> <a href="#">Yomna Elgharbawy</a>, <a href="#">Mai Elgazzar</a>, <a href="#">Nada Atef</a>, <a href="#">Farah Fawki</a>, <a href="#">Bassant Saad</a>, <a href="#">Ziad Elshaer</a>, <a href="#">Ensaf Hussein Mohamed</a>            Source: 7th Novel Intelligent and Leading Emerging Sciences Conference, NILES 2025 - Proceedings</p>
[8]	<p><b>Approximation-Based Optimization of Nonlinear Functions Using Taylor Series Expansion and Radial Basis Functions</b>  <b>NU Authors:</b> <a href="#">Yara H. Elkassaby</a>, <a href="#">Irene Samy Samy</a>, <a href="#">M. H. Gadallah</a>            Source: 7th Novel Intelligent and Leading Emerging Sciences Conference, NILES 2025 - Proceedings</p>
[9]	<p><b>Benchmarking Soft Sensors for Semiconductor Manufacturing: Random Forest vs. Semi-Supervised Gaussian Process Regression</b>  <b>NU Authors:</b> <a href="#">Kariman Elsayed</a>, <a href="#">Raafat Elsayed Shalaby</a>            Source: 7th Novel Intelligent and Leading Emerging Sciences Conference, NILES 2025 - Proceedings</p>
[10]	<p><b>Cancer Cell Detection Using One Dimensional SiO<sub>2</sub>/GaAs Photonic Crystal Biosensor</b>  <b>NU Authors:</b> <a href="#">Yasser M. El-Batawy</a>            Source: 7th Novel Intelligent and Leading Emerging Sciences Conference, NILES 2025 - Proceedings</p>
[11]	<p><b>Climate Impact on Internet Connectivity and Nighttime Illumination: A Data-Driven Assessment</b>  <b>NU Authors:</b> <a href="#">Reem Ali</a>, <a href="#">Sara Ahmed</a>, <a href="#">Noha Gamaleldin</a>            Source: 7th Novel Intelligent and Leading Emerging Sciences Conference, NILES 2025 - Proceedings</p>
[12]	<p><b>Dynamic Emission and Capacity Aware Traffic Rerouting for Urban Road Networks</b>  <b>NU Authors:</b> <a href="#">Marwa Elbadawy</a>, <a href="#">Mohamed M. Elshabrawy</a>, <a href="#">Raafat Elsayed Shalaby</a>            Source: 7th Novel Intelligent and Leading Emerging Sciences Conference, NILES 2025 - Proceedings</p>
[13]	<p><b>Enhancement of Rubberized Concrete Mechanical Properties by Using New Casting Technique</b>  <b>NU Authors:</b> <a href="#">Mohamed M. Elshabrawy</a>            Source: 7th Novel Intelligent and Leading Emerging Sciences Conference, NILES 2025 - Proceedings</p>
[14]	<p><b>Enhancing Medical Visual Question Answering with Explainable Knowledge Graphs and Agentic RAG</b>  <b>NU Authors:</b> <a href="#">Marryam Yahya Mohammed</a>, <a href="#">Mariam Nabil</a>, <a href="#">Nada Radwan</a>, <a href="#">Yomna Ashraf</a>, <a href="#">Esraa Mohamed</a>, <a href="#">Ziad Elshaer</a>, <a href="#">Ensaf Hussein Mohamed</a>            Source: 7th Novel Intelligent and Leading Emerging Sciences Conference, NILES 2025 - Proceedings</p>

## NU Publications on Scopus during Jan 2026

[15]	<p><b>Evaluating MobileViT for Disease Diagnosis in Medical Imaging: A Systematic Review</b>  <b>NU Authors:</b> <a href="#">Hoda O. Mahfoz</a>, <a href="#">Sahar Ali Fawzi</a>, <a href="#">Ahmed F. Elnokrashy</a>, <a href="#">Mai S. Mabrouk</a>            Source: 7th Novel Intelligent and Leading Emerging Sciences Conference, NILES 2025 - Proceedings</p>
[16]	<p><b>Experimental Comparison of Fixed-Center and Optimized Geared Polycentric Knee Exoskeletons</b>  <b>NU Authors:</b> <a href="#">Ahmed Madbouly</a>, <a href="#">Ahmed Kira</a>, <a href="#">Mohamed Aly Wahby Shalaby</a>, <a href="#">Ahmed Asker</a>            Source: 7th Novel Intelligent and Leading Emerging Sciences Conference, NILES 2025 - Proceedings</p>
[17]	<p><b>Greedy AP-UE Association in User-Centric Cell-Free Massive MIMO Systems</b>  <b>NU Authors:</b> <a href="#">Mariam Kandil</a>, <a href="#">Mohammed Karmoose</a>            Source: 7th Novel Intelligent and Leading Emerging Sciences Conference, NILES 2025 - Proceedings</p>
[18]	<p><b>IoT-Based Non-Invasive Hemoglobin Prediction Using Machine Learning</b>  <b>NU Authors:</b> <a href="#">Seifeldin Ibrahim</a>, <a href="#">Abdulmoniem Mohamed</a>, <a href="#">Omar Abdulmonem</a>, <a href="#">Omar Tawfik</a>, <a href="#">Ahmed Abdelmonem</a>, <a href="#">Ensaf Hussein Mohamed</a>            Source: 7th Novel Intelligent and Leading Emerging Sciences Conference, NILES 2025 - Proceedings</p>
[19]	<p><b>ModaNet: Synthesizing Missing MRI Sequences with GANs Using Patch-Based Discrimination</b>  <b>NU Authors:</b> <a href="#">Amr Shaarawy</a>, <a href="#">Ghada Ahmed Khoriba</a>            Source: 7th Novel Intelligent and Leading Emerging Sciences Conference, NILES 2025 - Proceedings</p>
[20]	<p><b>Nickel-Oxide-Doped Borate Hensch Glass for Magnetic Hyperthermia Applications</b>  <b>NU Authors:</b> <a href="#">N. M. Salatein</a>, <a href="#">Irene Samy Samy</a>, <a href="#">Bothina M. Elmowafy</a>            Source: Journal of Materials Engineering and Performance</p>
[21]	<p><b>NileAdvisor: AI-Powered Academic Advising and Recommendation System</b>  <b>NU Authors:</b> <a href="#">Mariam Alaa</a>, <a href="#">Ganna Ayman Elroby</a>, <a href="#">Hanna Ehab Sayed</a>, <a href="#">Mariam Mohamed Farhat</a>, <a href="#">Samaa Ahmed Abdelraouf</a>, <a href="#">Mohamed Ibrahim Ragab</a>, <a href="#">Ensaf Hussein Mohamed</a>            Source: 7th Novel Intelligent and Leading Emerging Sciences Conference, NILES 2025 - Proceedings</p>
[22]	<p><b>Optimum Design of Cold-Water Inlet in a Single-Tank Electric Water Heater</b>  <b>NU Authors:</b> <a href="#">Mahmoud Shaaban</a>, <a href="#">Amr G. Guaily</a>, <a href="#">Mohamed M. Elshabrawy</a>            Source: 7th Novel Intelligent and Leading Emerging Sciences Conference, NILES 2025 - Proceedings</p>
[23]	<p><b>Pareto Optimal Synthesis of a Stephenson III Six-Bar Mechanism for Spastic Wrist Rehabilitation</b>  <b>NU Authors:</b> <a href="#">Iman Shalabi</a>, <a href="#">Ahmed Asker</a>            Source: 7th Novel Intelligent and Leading Emerging Sciences Conference, NILES 2025 - Proceedings</p>
[24]	<p><b>Photorealistic Image Synthesis For Autonomous Driving Applications</b>  <b>NU Authors:</b> <a href="#">Mohamed El Sobky</a>, <a href="#">Walid I. Al-Atabany</a>            Source: 7th Novel Intelligent and Leading Emerging Sciences Conference, NILES 2025 - Proceedings</p>

## NU Publications on Scopus during Jan 2026

[25]	<b>Polarization Dependence of the Absorption Coefficient of Semi-Spherical Quantum Dots</b> <b>NU Authors:</b> <a href="#">Mira S. Elsoukary</a> , <a href="#">Yasser M. El-Batawy</a> Source: 7th Novel Intelligent and Leading Emerging Sciences Conference, NILES 2025 - Proceedings
[26]	<b>Rapid Electrochemical Detection of Oxytocin Residues Using a MIP-Engineered Nanocomposite Sensor</b> <b>NU Authors:</b> <a href="#">Nour H. Anter</a> Source: 7th Novel Intelligent and Leading Emerging Sciences Conference, NILES 2025 - Proceedings
[27]	<b>Real-Time Obstacle Avoidance for a Mobile Robot Using CNN-Based Sensor Fusion</b> <b>NU Authors:</b> <a href="#">Lamiaa H. Zain</a> Source: 7th Novel Intelligent and Leading Emerging Sciences Conference, NILES 2025 - Proceedings
[28]	<b>Through the Eye: Virtual Reality Simulation of Retinal Diseases for Educational Purposes</b> <b>NU Authors:</b> <a href="#">Rania Hassan</a> , <a href="#">Seif Eldeen Mostafa</a> , <a href="#">Mawada Nagy</a> , <a href="#">Sara Fouad</a> , <a href="#">Rana Youssef</a> , <a href="#">Walid I. Al-Atabany</a> Source: 7th Novel Intelligent and Leading Emerging Sciences Conference, NILES 2025 - Proceedings
[29]	<b>ZeroSeedRec: Enhancing Zero-Shot Recommendation with Domain-Specific Instruction-Tuned LLMs: A Pipeline for Synthetic Seed and Self-Instruct Data Generation</b> <b>NU Authors:</b> <a href="#">Eyad Elbella</a> Source: 7th Novel Intelligent and Leading Emerging Sciences Conference, NILES 2025 - Proceedings