



July 2025



Top News

Tanta University Deepens Internationalization Strategy

Tanta University Young Researchers
Contributes to Innovation in Spain's
and Italian Universities

New call for Cantabria University
Training semester for young students

Tanta University Advances Global Ties with University of Cantabria

Tanta University has strengthened its international collaboration through a strategic visit to Spain's University of Cantabria (June 23–28). Led by Prof. Mohamed Hussein (University President) and Prof. Ahmed Nasr (Dean of Engineering), the delegation discussed expanding Erasmus+ cooperation, including joint degrees, faculty exchanges, and research in civil engineering, healthcare, and humanities.

Key outcomes included progress reviews of Tanta's postgraduate students in Spain, plans for a new three-year Erasmus+ agreement, and collaboration on the HORIZON-MSCA project for sustainable power transformer technologies. The delegation also explored green campus initiatives with Cantabria's academic leaders, aligning with Egypt Vision 2030 to enhance Tanta's global academic profile.



Enhancing Academic Alliance

01/05

Prof. Dr. Shahira Sharaf El Din

Director of the Main Center for International Relations and International Students' Affairs – Tanta University

Tanta University Goes Global!

Alaa Adel, a master's student in Mechanical Power Engineering at Tanta University, is conducting advanced research at the **University of Cantabria (UC), Spain**, under the Erasmus+ International Credit Mobility (KA171) program. Her thesis investigates supercritical fluids for fire suppression, while her collaborative work focuses on improving transformer insulation systems by analyzing biodegradable oils and materials (Kraft, Tuk, DPE) to combat paper degradation.



Investing in Minds, Expanding Horizons

- Her experimental methods include drying insulation paper at 105°C, conditioning humidity levels, and testing materials across temperatures (20°C–65°C). Passionate about cross-cultural research, Alaa aspires to pursue a PhD in Spain or Japan, leveraging this opportunity for academic and professional growth.

- Tanta University proudly supports its researchers in global partnerships, advancing innovation in engineering and safety technologies.



Tanta University Researcher “Alaa Adel” explores Innovative Fire Suppression Technologies in Spain under Erasmus+ Program



02/05

Prof. Dr. Shahira Sharaf El Din

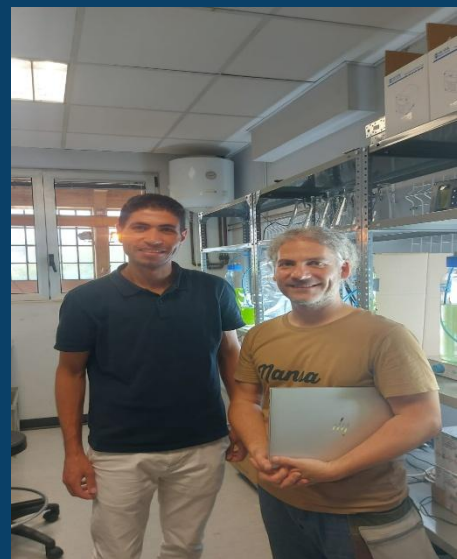
Director of the Main Center for International Relations and International Students' Affairs – Tanta University

Erasmus+ Research Training in Cantabria

As part of the Erasmus+ International Credit Mobility (KA171) program, Eslam Kashef Abd El-Hamid Elgmmal, Teaching Assistant and master's student in Irrigation and Hydraulics Engineering at the Faculty of Engineering, Tanta University, completed an advanced research training period in Spain.

This mobility took place during the 2025 academic year and formed an integral component of his Master of Science studies, aiming to enhance his research capacity and international academic exposure

Welcome, Eslam Kashef!



During his Erasmus training, Eslam was affiliated with European research institutions connected to Barcelona-based environmental and engineering research groups, where he actively participated in applied research within the field of environmental and water engineering.



UNIVERSITAT POLITÈCNICA
DE CATALUNYA
BARCELONATECH

His research focused on the scaling-up and optimization of protein-rich microalgae cultivation using agri-food wastewater, a topic aligned with sustainable resource management and circular economy principles.

The work was conducted within the framework of an international research project addressing innovative solutions for wastewater treatment and alternative protein production.



03/05

Prof. Dr. Shahira Sharaf El Din

Director of the Main Center for International Relations and International Students' Affairs – Tanta University



Erasmus+Research Training in Rome

As part of the Erasmus+ program, Ahmed Hisham academic experience exposed him to diverse perspectives and enabled collaboration with international students and faculty, further expanding his understanding of energy systems and signal processing. Beyond academics, living in a new country introduced him to different cultures, traditions, and ways of thinking, enriching both his personal and professional outlook.



SAPIENZA
UNIVERSITÀ DI ROMA

Exploring Rome and other Italian cities also allowed him to appreciate history, art, and architecture from a unique perspective. At the same time, being away from home required a strong sense of self-responsibility and independence, as he learned to manage daily life, balance academic commitments with new experiences, and develop effective time management skills. Overall, the semester abroad at La Sapienza University was not only a valuable academic journey but also a transformative personal experience that strengthened his adaptability and broadened his worldview.

Welcome, Ahmed Hisham Br!

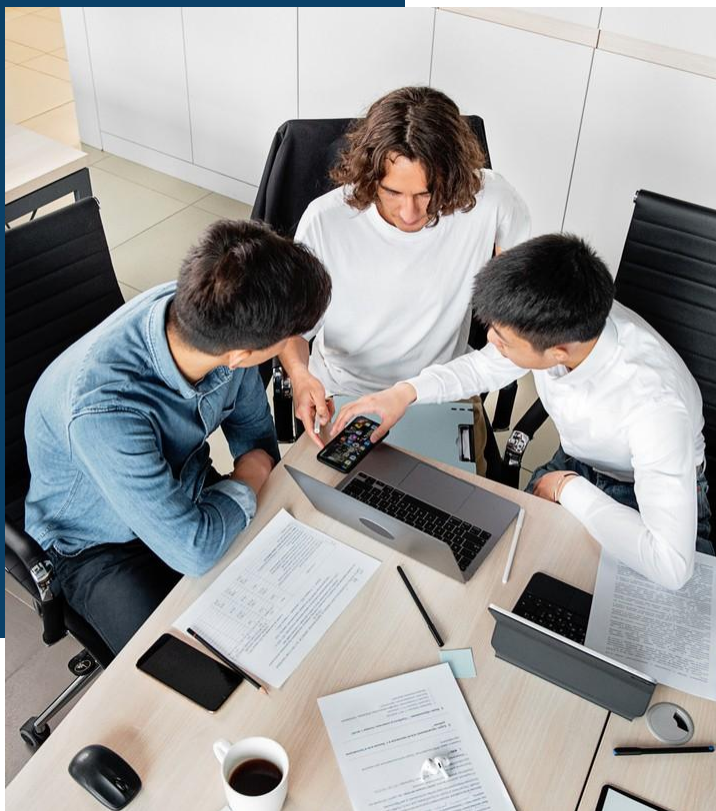


As part of the Erasmus+ program, Ahmed Hisham Br, a teaching assistant in mechanical engineering, had the opportunity to study for a semester at La Sapienza University of Rome.

04/05

Prof. Dr. Shahira Sharaf El Din

Director of the Main Center for International Relations and International Students' Affairs – Tanta University



New call for Cantabria University Training semester for young students

The call for applications for this mobility project will be announced on the website of the International Cooperation

<https://tqac2.tanta.edu.eg/units/icu/>

Dear Students,

In line with Tanta University's commitment to academic excellence and international engagement, I strongly encourage both undergraduate and postgraduate students to take advantage of the opportunities offered by the Erasmus+ Program. Participation in Erasmus+ enables you to enhance your academic and research skills, gain valuable international experience, and engage with diverse cultures and educational systems.

Such global exposure plays a vital role in preparing you for future professional and academic challenges while strengthening your ability to contribute effectively to society. I invite you to actively participate in Erasmus+ mobility programs and represent Tanta University with distinction in the international academic community.

Prof. Mohamed Hussein
President of Tanta University



05/05

Prof. Dr. Shahira Sharaf El Din

Director of the Main Center for International Relations and International Students' Affairs – Tanta University