جامعة مصر للمعلوماتية
EGYPT UNIVERSITY OF INFORMATICS

EUI Newsletter

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EGYPT UNIVERSITY OF INFORMATICS

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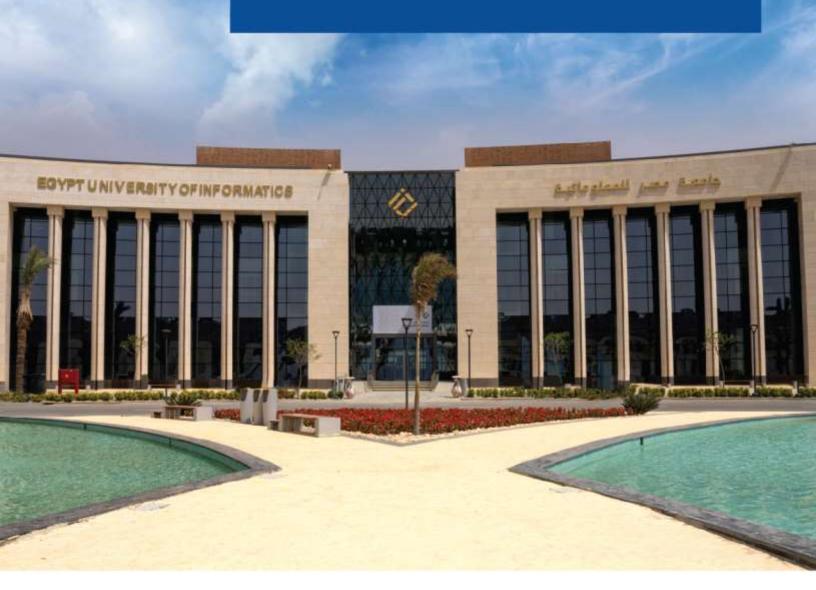
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WELCOME NOTE BY THE UNIVERSITY PRESIDENT

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I am delighted to share the recent progress and achievements at Egypt University of Informatics (EUI): Our university has strengthened academic collaborations, formed significant industry partnerships, and advanced our research initiatives, demonstrating our commitment to excellence. I am proud to announce that EUI has been recognized in the Times Higher Education Impact Rankings 2024. We ranked 801-1000 in "Reducing Inequalities," 601-800 in "Decent Work and Economic Growth," and 601-800 in "Gender Equality." This recognition reflects our dedication to making a positive impact on the world through education and research.

As we celebrate our recent achievements, I am also pleased to announce that 21 students from the Faculty of Engineering have secured their places to travel to Purdue University in West Lafayette. In addition, seven students will be heading to the University of Minnesota Twin Cities. We are also proud that four of our Business Informatics students have been selected to continue their studies at the Telfer School of Management, University of Ottawa. These opportunities will undoubtedly enhance their academic and professional growth as they experience diverse learning environments and collaborate with international peers.

I am also pleased to announce that the "Applied Analytics for Solving Business Problems" course, offered by our Faculty of Business Informatics, has received accreditation from the Institute of Analytics (IOA). This prestigious recognition ensures that our curriculum aligns with industry needs and best practices, equipping our students with the practical analytical skills necessary to address real-world business challenges.

This summer, we hosted an engaging 5-day Digital Arts and Design Workshop, providing high school students with hands-on experience in creating stunning digital artworks. This initiative reflects our commitment to nurturing young talents and inspiring the next generation of digital artists. We are dedicated to equipping high school students with valuable skills through various summer school courses across different faculties, which will be highlighted in the next issue of our newsletter.

These accomplishments reflect our dedication to providing a high-quality education and fostering an environment of innovation and collaboration.

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PROF. REEM BAHGAT
PRESIDENT
EGYPT UNIVERSITY OF INFORMATICS

DUAL DEGREE SUCCESS STORIES

From EUI to UMN: Celebrating Seven Outstanding EUIans!

We are delighted to announce that seven outstanding students from the Faculty of Computing and Information Sciences at EUI have been selected to spend their senior year at the University of Minnesota Twin Cities (UMN). This opportunity is made possible through our dual degree partnership with UMN's Department of Computer Science and Engineering. Notably, six of these students achieved a stellar Term GPA of 4.0 in their Database Management blended course, while one earned an impressive A-.

21 EUIans Set to Shine at PWL for Their Senior Year

Twenty-one distinguished students from the Faculty of Engineering at EUI have earned the chance to spend their senior year at Purdue University West Lafayette (PWL). This prestigious opportunity arises from our dual degree partnership with Purdue University's Department of Computer Science and promises a valuable and enriching academic experience.

Four EUIans Are Ready to Explore New Horizons at Telfer School of Management

It is with great excitement that we share the news that four of our Business Informatics students; Mohannad Mohamed, Yassin Shalaby, Ahmed Hamouda, and Rami Gabriel have been chosen to advance their studies at the Telfer School of Management, University of Ottawa. We extend our heartfelt gratitude to Mrs. Noura Kassab, Research Assistant at Telfer, for her invaluable support in helping our students make a smooth transition to Canada.

INTERNATIONAL AFFAIRS

Strengthening Ties with the University of Sharjah

Egypt University of Informatics (EUI) recently hosted a distinguished delegation from the University of Sharjah, marking a significant step in our academic and cultural partnership. The visiting team, led by Prof. Hamid Magoul Al Naiemy, President, included Prof. Esam El-Din Agamy, Vice-President for Institutional Effectiveness and Accreditation; Dr. Salah Taher Al Haj, Vice-President for Community Affairs; and Ms. Iman Al-Hosni, Technical Attaché at the UAE Embassy in Cairo. This visit was an important opportunity to strengthen our academic connections and explore new avenues for collaboration and mutual growth between our esteemed institutions.

EUI and AstraZeneca: Unlocking New Opportunities in AI

A notable delegation from AstraZeneca recently visited EUI, led by Mr. Nick Passey, Vice President of Digital IT and Innovation for International and Japan. Accompanied by Mrs. Laila Helmy and Mrs. Yara Essam from AstraZeneca Egypt, the group explored potential collaborations in AI, data sci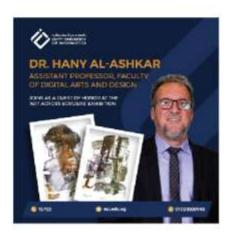ence, and student internships. During the meeting, Prof. Hoda Mokhtar, Dean of the Faculty of Computing and Information Sciences, highlighted EUI's achievements since its establishment in 2021.

EUI's Digital Arts Faculty Members Shine in Rome

Three distinguished members of our Faculty of Digital Arts; Prof. Ashraf Zaki, Dr. Ashraf Mahdy, and Dr. Hany Al-Ashkar were honored guests at the 'Art Crosses Borders' exhibition in Rome, Italy. Taking place from June 29th to July 13th, 2024, the event was designed to promote cultural exchange and dialogue between Egypt and Italy through the medium of art.

EUI Hosts Eng. Ajay Mishra of Accenture Solutions

EUI recently welcomed Eng. Ajay Mishra, Vice President and Market Unit Lead at Accenture Solutions in New Delhi, to our campus. His visit allowed us to showcase our cutting-edge facilities and gave him the opportunity to explore our innovative education. The exchange was mutually valuable, offering insights into corporate expectations, which is especially relevant as India's ICT market rapidly grows.

OUR EUIANS

EUIans-Powered @Loc: Attendance App

The Faculty of Computing and Information Sciences proudly introduces the "@Loc: Location-Based Attendance" application, now officially registered with ITIDA's Office of Intellectual Property Rights. This innovative mobile app leverages GPS technology to track student attendance, offering real-time data and analytics. Created by sophomore students Nour El Hoda Hany and Ahmed Sameh, and guided by Prof. Hoda Mokhtar, Dr.

Ahmed Salama, and TA Nourhan Elnaggar, this app exemplifies EUI's commitment to addressing real-world challenges with cutting-edge solutions.

Omar Aburaya's Impactful Role at RCOY Africa

Omar Aburaya, a third-year Business Informatics student at Egypt University of Informatics (EUI), has made us proud with his recent involvement at RCOY Africa 2024 in Morocco. As a delegate and member of the policy team, Omar led a workshop on climate finance, green jobs, and sustainable entrepreneurship. His impactful contributions to the African Regional Youth Statement, which will be incorporated into the Global Youth Statement, reflect his commitment to addressing pressing global challenges. Congratulations, Omar, for showcasing EUI's excellence on the international stage!

Doha Bahaa El Din Stands Out at IEEE Region 8 Congress

Doha Bahaa El Din, an exceptional engineering student at Egypt University of Informatics (EUI), has earned recognition for her role in representing the IEEE EUI Student Branch (SB) at the IEEE Region 8 Student and Young Professionals Congress 2024 in Grenoble, France. This renowned event brought together talented individuals in STEM from across Region 8, offering key opportunities for networking and professional development. We commend Doha for her remarkable contributions and for showcasing EUI's commitment to excellence in engineering education!

RECOGNITION & ACCREDITATION

EUI Shines in Times Higher Education Impact Rankings 2024

EUI proudly shares its latest achievement in the Times Higher Education Impact Rankings 2024. We have been ranked 801-1000 in "Reducing Inequalities," 601-800 in "Decent Work and Economic Growth," and 601-800 in "Gender Equality." These rankings are a testament to our dedication to advancing global equity, economic stability, and gender equality.

THE WORLD UNIVERSITY RANKINGS

Applied Analytics Course Scores IOA Accreditation

The Faculty of Business Informatics at Egypt University of Informatics is thrilled to announce that the "Applied Analytics for Solving Business Problems" course has been accredited by the Institute of Analytics (IOA).

This esteemed accreditation underscores the course's dedication to excellence and its alignment with cutting-edge industry standards. With this recognition, students are assured of receiving a top-tier education that equips them with the practical analytical skills needed to address complex business challenges and drive impactful solutions.

Dr. Mohamed Ismail Recognized for Innovation in Teaching

Dr. Mohamed Ismail, Assistant Professor of Physics at the Faculty of Engineering, has been honored as one of the top 8 Most Innovative Teachers of the Year by the THE Arab World 2024 Awards! This esteemed recognition celebrates his exceptional contributions to revolutionizing education in engineering physics and his dedication to fostering a dynamic learning environment.

FACULTY NEWS

EUI's Digital Arts Workshop Ignites Young Creativity

EUI recently opened its doors to high school students for an inspiring 5-day digital arts intensive workshop, held on our campus in Knowledge City, New Administrative Capital. From July 14th to 18th, 2024, participants delved into the vibrant world of digital arts, from 9:30 am to 3:30 pm each day.

This immersive workshop allowed students to explore the core principles of digital art and acquire the skills needed to create breathtaking digital masterpieces. Through hands-on sessions and creative exercises, they transformed their imaginative ideas into stunning visual art. It was a week of artistic discovery and skill-building that truly showcased the dynamic possibilities of digital creation.

RESEARCH HIGHLIGHTS

Arabic Sarcasm Detection by Prof. Ahmed Hassan & Prof. Hala Zayed

Prof. Ahmed Hassan, EUI's Vice President for Academic Affairs, and Prof. Hala Zayed from the Faculty of Engineering, have made a significant contribution with their paper, "Arabic Sarcasm Detection: An Enhanced Fine-Tuned Language Model Approach." This paper has been featured in the Ain Shams Engineering Journal by Ain Shams University and is now indexed in Scopus.

Dr. El Gammal's Paper Featured at IEEE!

Dr. Amal El Gammal, Head of Software Engineering at the Faculty of Computing and Information Sciences, has reached a notable milestone in her research journey. Her paper, "Technology Roadmap for Resilient Smart Manufacturing Ecosystems," has been accepted for presentation at the 2024 IEEE International Conference on Engineering, Technology, and Innovation, an esteemed event among the top engineering conferences worldwide.

Dr. Youssri Hassan's Tau Algorithm Research

Dr. Youssri Youssri, Associate Professor at the Faculty of Engineering has just had his groundbreaking research on "Tau Algorithm for Fractional Delay Differential Equations Utilizing Seventh-Kind Chebyshev Polynomials". This paper is now indexed in Scopus and featured in the Journal of Mathematical Modeling (University of Guilan)

Dr. Mohamed Taher's Research on CBRN Detection

Dr. Mohamed Taher, Assistant Professor at the Faculty of Computing and Information Sciences, has made a significant impact with his latest publication, "Chemical, Biological, Radiological, and Nuclear Event Detection and Classification Using Ontology Interrogation and Social Media Data." This paper is now indexed in Scopus and featured in the Engineering Applications of Artificial Intelligence journal (Elsevier).

Dr. Hassan Elshimy's Research on ZnCo2O4 Nanostructures

Dr. Hassan Elshimy, Assistant Professor at the Faculty of Engineering has made remarkable strides with his recent paper: "Enhancement of the Linear/Nonlinear Optical and Magnetic Properties of ZnCo2O4 Nanostructures Through Ni/Fe Dual Doping." Featured in Optical Materials (Elsevier B.V.) and indexed in Scopus.

CONFERENCES

EUI's Arts and Music Forum:
A Vision for the Future

The "Arts and Music Forum," hosted by Egypt University of Informatics (EUI), took place under the auspices of the Ministry of Higher Education and Scientific Research. Organized by the Music and Arts Sector Committee of the Supreme Council of Universities and supported by the Faculty of Digital Arts and Design, the forum sought to craft a visionary roadmap for enhancing academic programs within the arts sector, with a focus on digital technology.

Esteemed researchers and faculty from across Egyptian universities gathered to explore key issues, including adapting regulations for digital advancements, the future of education and creativity in the digital age, safeguarding intellectual property in the arts, and aligning academic offerings with societal needs.

EUI CHAMPIONS

Ahmed Elgendy...Gold Champ at Paris Olympics 2024

EUI's pride Ahmed Elgendy has dazzled the world by clinching gold at the Paris 2024 Olympics! A standout Business Informatics student and the champion of our national modern pentathlon team, Elgendy not only led the semifinal but also smashed the Olympic record with an impressive 1555 points. His stellar performance from July 26 to August 11 has made us all incredibly proud!

Zeina Amer Shines With Gold

Zeina Amer from the Faculty of Business Informatics has achieved a remarkable victory, winning first place and a gold medal in the women's relay at the Junior Modern Pentathlon World Championships in Alexandria! Her dedication and outstanding performance are a true inspiration to us all.

Summer Internship Day with Attijariwafa Bank

In an exciting collaboration with Attijariwafa Bank, Egypt University of Informatics (EUI) recently hosted a dynamic day dedicated to launching summer internship opportunities for our students. This special event allowed students from all four faculties to engage in on-campus interviews and selection processes with the bank's representatives.

By bridging academia and industry, we're empowering our future leaders and paving the way for a brighter, more successful future for our EUI community!

Unlocking Start-up Success with Mr. Ihab El Sokary

The Faculty of Business Informatics was thrilled to host Mr. Ihab El Sokary, Co-founder and Chief Marketing Officer of Amanleek Insurance Company, for an engaging session titled "Navigating Business Start-ups in the Digital Age." His insightful presentation offered attendees a treasure trove of knowledge on entrepreneurship in today's rapidly evolving digital landscape.

Seminars on Campus by Dr. Essam Mansour and Dr. Mohamed Elkateb

The Faculty of Computing and Information Sciences recently showcased a pair of captivating seminars with industry leaders Dr. Essam Mansour from Concordia University and Dr. Mohamed Elkateb from Amazon AWS. Dr. Mansour unveiled a cutting-edge system that uses machine learning to decode data science pipeline semantics, while Dr. Elkateb explored the groundbreaking advancements and market dominance of Amazon Redshift.

Anger Management Workshop By Dr. Reham Ateya

The Faculty of Business Informatics recently hosted a dynamic "Anger Management" workshop led by Dr. Reham Ateya, a distinguished Lecturer of Educational Psychology at the British University in Egypt (BUE). This engaging session blended insightful theory with hands-on strategies, guiding participants towards long-term growth in emotional intelligence and effective stress management.

Mastering Presentations with Mr. Tamer Ali

The Faculty of Business Informatics (BI) recently brought in the renowned training expert Mr. Tamer Ali for an electrifying session titled "Presenting with Impact: Strategies for Business Informatics Students." Aimed at honing essential presentation skills tailored for the business informatics field, the workshop was a hit among third-year students.

The engaging session, filled with practical insights and dynamic teaching, left students energized and ready to elevate their presentation game. Mr. Ali's expertise not only sharpened their skills but also boosted their confidence for future presentations.

PARTNERSHIPS

EUI Partners with NTRA for Cybersecurity Advancement

A new strategic partnership between EUI and the National Telecom Regulatory Authority (NTRA) is set to elevate our cybersecurity initiatives. This collaboration will advance cutting-edge research and foster the development of talent skilled in the latest cybersecurity technologies.

BARQ Systems Joins EUI as a Silver Sponsor

EUI and BARQ Systems signed an agreement to provide scholarships for EUIans in Engineering, Business Informatics, Computing and Information Sciences, and Digital Arts and Design.

This exciting collaboration not only covers tuition but also offers hands-on training with BARQ Systems, setting students up for success in today's dynamic job market.

With this initiative, we're fueling innovation and aligning with Egypt's Vision 2030, investing in the future of our top talent. Prepare for cutting-edge training and amazing opportunities ahead!

EUI'S FACULTY SPOTLIGHT

Strengthening Bilateral Relations in Software Sciences and Cybersecurity

In a landmark moment for international collaboration, Ambassador Dr. Samah Abu El-Einain, Assistant Foreign Minister for American Affairs, welcomed Dr. Walid Aref, a leading expert in software and cybersecurity from Purdue University, and Prof. Reem Bahgat, President of Egypt University of Informatics. This significant meeting kicked off

a groundbreaking partnership focused on telecommunications engineering and cybersecurity, with plans to develop new bachelor's and master's degree programs in conjunction with Purdue University.

Prof. Reem Bahgat at UNESCO Panel Discussion

In a forward-thinking discussion at the Greco-Roman Museum in Alexandria, Prof. Reem Bahgat, President of EUI, took the stage for a panel titled "Anticipating Museum Studies and Policies in the Era of Artificial Intelligence." Hosted by UNESCO and MoTA, this event delved into the evolving role of museums

amidst the rise of AI, spotlighting how technology will shape the future of cultural institutions.

Prof. Ahmed Hassan Attends the Future Education Forum

At the forefront of educational innovation, Prof. Ahmed Hassan, EUI's Vice President for Academic Affairs, took part in the Future Education Forum held in Cairo.

Organized by the CurioKids and CurioEdeo Foundations in partnership with the Academy of Scientific Research and Technology, this forum was a hub for advancing educational practices and preparing students for future challenges.

The event featured a series of impactful workshops and discussion panels, dedicated to sharing cutting-edge ideas and best practices. These efforts aim to develop comprehensive educational systems that empower students to contribute to sustainable development and build a better future.

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