



EGYPT-JAPAN UNIVERSITY OF SCIENCE AND TECHNOLOGY
الجامعة المصرية اليابانية للعلوم و التكنولوجيا
エジプト日本科学技術大学



SUSTAINABILITY

Report

2025

This report is the product of fruitful collaboration among the **Sustainable Development Committee** members of both academic and administrative staff. We would like to sincerely thank all of them for the hard work and commend them on their relentless effort in putting together all the data presented within these pages.

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Contents

Sustainability Report 2025

Page	Content
4	List of Abbreviations
5	Message from E-JUST President
6	Message from Head of Sustainable Development Committee
7	Message from Chief Advisor, JICA E-JUST Project
8-12	Executive Summary
13-14	Introduction
15-18	Goal 1. No Poverty
19-20	Goal 3. Good Health and Well-Being
21-23	Goal 4. Quality Education
24-25	Goal 5. Gender Equality
26-34	Goal 6. Clean Water and Sanitation
35-40	Goal 7. Affordable and Clean Energy
41-46	Goal 8. Decent Work and Economic Growth
47-54	Goal 9. Industry, Innovation, and Infrastructure
55-58	Goal 10. Reduced Inequalities
59-63	Goal 11. Sustainable Cities and Communities
64-66	Goal 12. Responsible Consumption and Production
67-70	Goal 13. Climate Action
71-79	Goal 16. Peace, Justice, and Strong Institutions
80-84	Goal 17. Partnerships for the Goals
85	Concluding Remarks

List of Abbreviations

ACM	Applied and Computational Mathematics
BAS	Basic and Applied Sciences Institute
Bio	Biotechnology Program
CPE	Chemical & Petrochemical Engineering
CSE	Computer Science and engineering
E-JUST	Egypt-Japan University of Science and Technology
ECCE	School of Electronics, Communication, and Computer Engineering
ECE	Electrical and Computer Engineering
EECE	School of Energy Resources, Environmental, Chemical, and Petrochemical Engineering
EMA	Energy Materials Program
ENV	Environmental engineering
ERE	Energy Resources Engineering
FIBH	Faculty of International Business and Humanities
FOE	Faculty of Engineering
GEU	Gender Equality Unit
IDE	school of Innovative Design Engineering
IME	Industrial and Manufacturing Engineering
MTR	Mechatronics and Robotics Engineering
MSE	Materials Science and Engineering
NAN	Nanoscience Program
RIA	Regional and International Affairs Office
SDGs	Sustainable Development Goals
SEN	Space Environment

At Egypt-Japan University of Science and Technology (E-JUST), the commitment to sustainable development stands as the cornerstone of our institutional ethos. It is the guiding principle that shapes our vision and informs every action we undertake. Sustainable development, in its truest sense, demands a delicate and thoughtful equilibrium between economic prosperity, social equity, and environmental stewardship. It is a long-term pursuit that necessitates foresight, unrelenting dedication, and, above all, collective engagement.

The preceding year has brought with it a myriad of formidable challenges—some borne of human missteps, others precipitated by the inexorable forces of nature. These crises, stark in their severity, have underscored the urgency of our mission and reaffirmed the indelible responsibility we bear as a leading academic institution to effectuate transformative change. As we grapple with the vast array of global



challenges that surround us—climate change, resource depletion, and deepening socio-economic divides—we are reminded that our role extends far beyond the realm of knowledge dissemination. As a university, we are charged not only with educating minds but with empowering them to drive the necessary changes that will. At E-JUST, we hold steadfast to the belief that sustainable development is not a distant aspiration but a practical imperative. It is a commitment to ensuring that every individual, irrespective of their background or circumstances, has unfettered access to the resources and opportunities that enable them to thrive. It is about fostering communities that are not only empowered but also resilient, safeguarding our ecosystems for future generations, and advancing a vision of equity that ensures no one is left behind. Looking forward, our commitment to sustainable development has never been more resolute. We are unwavering in our determination to lead by example, both within our academic institution and in the broader community. Through the initiatives and projects detailed within this report, we reaffirm our dedication to advancing the United Nations Sustainable Development Goals (SDGs), with a pronounced focus on climate action, education, gender equality, and responsible consumption. These goals are not abstract ideals for us; they are the blueprint by which we measure our success and guide our future endeavors.

Our sustainability efforts span far beyond academic curricula. Through the judicious management of our campus and the careful integration of green technologies, we are setting a precedent for sustainable operations. The use of renewable energy sources, water conservation strategies, and waste minimization programs are but a few examples of our commitment to reducing our environmental footprint. The careful design of our campus infrastructure—incorporating energy-efficient systems and environmentally responsible building practices—embodies our conviction that sustainability must be embedded in every facet of our operations.

Equally integral to our mission is the emphasis we place on education. We are resolutely committed to providing our students with the tools, skills, and knowledge they require to become the leaders and innovators of tomorrow. Through our academic programs, research endeavors, and community outreach, we are fostering a generation of students equipped to tackle the complex challenges of a rapidly changing world. It is our responsibility to instill in them a deep understanding of the interconnectedness of social, economic, and environmental systems, empowering them to propose solutions that are as forward-thinking as they are sustainable.

Overall, sustainable development is not a solitary endeavor. It is a collective pursuit that demands the collaboration of a broad spectrum of stakeholders—from governmental bodies and industry leaders to civil society organizations and academic institutions. We are immensely proud of the partnerships we have cultivated, both locally and globally, to advance the SDGs. These collaborations amplify our impact, extend our reach, and help foster a global community committed to shared solutions and shared prosperity.

The demands of sustainable development are immense, and the trajectory of global change is ever-accelerating. It is incumbent upon us to continue pushing boundaries, expanding our vision, and exploring new avenues for innovation. Only through sustained effort and a shared commitment to our mission can we hope to build the resilient, just, and sustainable future that we envision for Egypt, Africa and the Middle East. foster a more sustainable and resilient future.

Prof. Amr Adly

Egypt Japan University of Science and Technology (E-JUST) President



As we present Egypt-Japan University of Science and Technology's (E-JUST) Sustainability Report for this year, it is with great pride and commitment that we share the strides we have made toward fostering a more sustainable future. This report is a comprehensive reflection of our dedicated efforts to integrate sustainability into the very fabric of our institution, demonstrating how research, education, and community engagement are working in harmony to address the critical challenges of our time. Sustainability is not merely a concept that we embrace; it is a guiding principle that informs our actions and decisions every day. At E-JUST, we understand that the sustainable future of our social equity, and economic opportunity. As an institution of higher learning, we are acutely aware of the responsibility we bear in equipping our students with the tools, knowledge, and values to confront these vital issues and make meaningful contributions to

society. In this report, we outline the significant initiatives and projects that have defined our sustainability efforts over the past year. These initiatives span across a wide array of areas, each one designed to contribute to the betterment of our local and global communities. From pioneering research in clean energy and climate action to promoting gender equality and providing equitable access to education, we are continuously working to ensure that sustainability is embedded in all that we do.

Our efforts to reduce poverty and inequality remain central to our mission. We understand that true sustainability can only be achieved when all individuals have access to the resources and opportunities they need to thrive. Through scholarships, internships, and community outreach programs, we are actively working to provide pathways for advancement to those who need it most. In doing so, we hope to break down barriers and create a more inclusive society where every person has the opportunity to succeed.

Equally important to our mission is the promotion of quality education. We recognize that education is not just the transfer of knowledge, but the cultivation of critical thinking, innovation, and leadership. At E-JUST, we strive to provide an academic experience that is both rigorous and inclusive, empowering our students to address the world's most pressing challenges with creativity and confidence. Our commitment to fostering an environment where all students, regardless of gender or nationality, can flourish remains at the core of our values. By promoting female participation in STEM and leadership roles, we are working to ensure that the benefits of education are truly available to all. Environmental stewardship continues to be a cornerstone of our efforts. The impact of climate change is undeniable, and we are determined to lead by example in the transition to a more sustainable and resilient world. From advancing clean energy technologies and reducing our carbon footprint to promoting water reuse and sustainable resource management, we are continually striving to minimize our environmental impact. These initiatives are not just theoretical; they are practical solutions being implemented on our campus and beyond, contributing to the global movement towards environmental sustainability.

Our collaborations with industry leaders, governmental entities, and research institutions further amplify our impact. By working together, we can drive innovation, create new solutions, and scale up efforts to address global challenges. These partnerships are integral to our strategy, allowing us to leverage the expertise and resources of diverse stakeholders to create lasting change.

As we look ahead, we are keenly aware of the challenges that remain. The work we do today will determine the world that future generations inherit, and we are committed to ensuring that the future we help create is one that is just, equitable, and sustainable. While this report highlights our progress, it also serves as a reminder that our journey is ongoing. We will continue to evaluate our efforts, seek new opportunities for improvement, and, most importantly, inspire others to join us in this critical mission. Let this report stand as a call to action for all of us to persist in our efforts to create a better world, driven by the values of compassion, equity, and sustainability.

Prof. Mona Gamal El-Din Ibrahim

Dean of Energy Resources, Environmental, Chemical, and Petrochemical Engineering School (EECE)

Professor of Environmental Engineering

Head of Sustainable Development Committee

Egypt Japan University of Science and Technology



Since its inception, the Japan International Cooperation Agency (JICA) has significantly collaborated with E-JUST to promote sustainable development and educational excellence. In today's rapidly changing world, the Sustainable Development Goals (SDGs) serve as a vital global framework for achieving a better and more sustainable future for all. For Egypt, aligning national priorities with the SDGs is essential, particularly through the empowerment of youth, who represent the backbone of the country's future. As we approach the conclusion of the current SDGs in 2030, it is crucial for universities and higher education institutions to engage in initiatives that extend beyond these goals. Innovation and adaptability will be key in addressing emerging challenges and ensuring long-term sustainability.

By focusing on human resource development, technology, innovation, and education, we can ensure that Egypt not only meets its development objectives but also actively contributes to global sustainability efforts.

Drawing from extensive experience in higher education and innovation, we have identified several key drivers that are essential for empowering human capital to achieve sustainable industrial growth in emerging markets like Egypt:

1. Nation Building through Human Resource Development
2. The Role of Science, Technology, and Innovation (STI)
3. Empowering Egyptian Youth
4. Education as the Catalyst for Growth
5. Integrating "Thinking Knowledge" to Enhance Critical Thinking: Information overload necessitates this integration.
6. Strengthening Technological Imagination

This sustainability report offers a vision for the future and highlights the potential to empower the next generation. As E-JUST progresses step by step, the focus should remain on fostering innovation, quality education, and sustainable practices—ensuring growth that transcends the boundaries of the SDGs and meets the evolving needs of society. **E-JUST aims to evolve into a more attractive global university, setting new benchmarks in higher education that go beyond the SDGs.**

Dr. Tsunoda Manabu,

Chief Advisor, JICA E-JUST Project (E-JUST, Japan and Africa in STI Network)

Executive Summary

E-JUST Celebrates Second Japanese Culture Day and Cultural Festivities

Egypt-Japan University of Science and Technology (E-JUST) celebrated its Second Japanese Culture Day, highlighting the deep cultural ties between Egypt and Japan. The event was graced by the presence of H.E. Oka Hiroshi, the Ambassador of Japan to Egypt, and Mrs. Oka who were warmly welcomed by Prof. Hany Helal, Chairman of the Board of Trustees (BOT) of E-JUST, and Prof. Amr Adly, President of E-JUST. Participants had the chance to engage in a range of traditional Japanese activities, including kimono wearing, the Japanese tea ceremony, flower arranging (Ikebana), and traditional Japanese games. These Japanese activities are designed to introduce and spread Japanese culture and rituals to students and participants. From tea ceremonies to calligraphy, martial arts displays, and cultural exhibitions, attendees had the opportunity to engage with Japan's rich heritage.



Tokyo Metropolitan Government – Board of Education Visits E-JUST for Cultural Exchange Program

E-JUST welcomed a delegation from the Tokyo Metropolitan Government – Board of Education as part of a cultural exchange program for Tokyo Metropolitan high school students. The program aims to foster future global human resources by enabling students to adapt to multicultural societies, develop cooperative attitudes toward solving global issues, and understand the benefits of internationalization. Participants also had the opportunity to experience the diversity and rich traditions of Egyptian culture. E-JUST contributed to this program by motivating Japanese students to explore international opportunities, raising awareness about multicultural societies, and showcasing the university's role in internationalization and its impact. The event also strengthened ties between participants and Egyptian society through E-JUST facilitation. The visit began with a welcome speech by Prof. Amr Adly, President of E-JUST, and Prof. Shuji Hashimoto, First Vice President for Regional and International Affairs.



E-JUST Celebrates Students' Success in the 2024 Japanese Language Proficiency Test (JLPT)

Prof. Amr Adly, President of Egypt-Japan University of Science and Technology (E-JUST) celebrated the success of E-JUST students in the 2024 Japanese Language Proficiency Test (JLPT), which was held for the first time at the university's campus. This year's exam saw remarkable participation from E-JUST students, with a %100 success rate among all test-takers, reflecting their advanced language skills and growing interest in Japanese language and culture. Prof. Amr Adly emphasized that hosting the JLPT at E-JUST marks a significant step in strengthening international ties between Egypt and Japan. He also highlighted that success in the JLPT opens new career opportunities for E-JUST graduates in Japan, enhances academic engagement, and deepens students' connection with Japanese culture. These efforts align with E-JUST's strategic plan to introduce students to Japanese culture, customs, and traditions, empowering them to compete for global career opportunities.



Regional Training for the Development of Rural Women on: Reuse of Household Waste and Capacity Building in Related Entrepreneurship:

Prof. Mona Gamal Eldin, EECE dean, and Gender Equality Unit (GEU) chair organized the training titled: "Regional Training for the Development of Rural Women on: Reuse of Household Waste and Capacity Building in Related Entrepreneurship". This event is organized by GEU in collaboration with the Arab Organization for Agricultural Development with the participation of the Ministry of Agriculture and the Ministry of Environment from 17 to 19 December 2024 at E-JUST. Prof. Mona's session aims to empower rural women to recycle home waste into sellable products. More than 35 women from Egypt, Iraq, Lebanon, Palestine, Oman, Jordan, Kuwait, and GEU members attended the training, which is one of E-JUST Gender Equality Unit activities.



"Towards Sustainable Future Initiative "

Under the auspices of Professor. Amr Adly, E-JUST President, and the supervision of Prof. Mona Gamal Eldin Ibrahim, EECE Dean, the School of Energy Resources, Environmental, Chemical and Petrochemical Engineering (EECE), launched the competition titled "Towards Sustainable Future" for the Fourth year aiming at enhancing innovation at EECE Undergraduate and M.Sc. students in the field of sustainability through research articles to save the environment and the natural resources. The final ceremony was held on the 9th of December, 2024 at E-JUST HQ theater with the presence of Prof. Sameh Nada- Vice president for Education and Academic Affairs, where the candidates presented their research articles and received the prizes provided by Birla Carbon Egypt



Product Design Exhibition “Japanese Design Today 100”

Dr. Ahmed Romouzy and Dr Amal Refaat were invited by the Japan Foundation to attend the “Japanese Design Today 100” exhibition at AUC Tahrir Campus. Through the exhibition, there were approximately 100 outstanding products in the area of product design, from among the new Japanese design products created since 2000. In addition to designs that reflect people's lifestyles, tastes, and designs for systems and services which have been attracting attention in recent years, to show the latest trends and characteristics of Japanese design.



A workshop on “Ecological Footprint.”

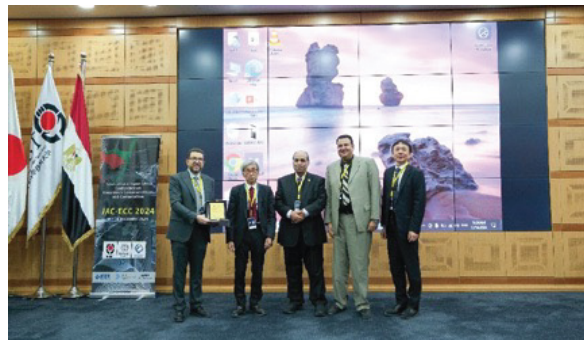
As part of its ongoing environmental initiatives to raise awareness among children about climate change and ecological footprints, E-JUST hosted a workshop titled “Ecological Footprint.” The workshop aimed to teach children, in a simple way, how to calculate their carbon footprint—their individual contribution to CO₂ emissions and its impact on the environment and climate change.

The workshop was part of E-JUST's involvement in the annual Children's University activities, organized in collaboration with the Academy of Scientific Research and Technology (ASRT). During the session, children engaged in various activities to learn how to reduce their carbon footprint by managing their consumption of energy, water, and food.



Japan-Africa Conference on Electronics, Communications, and Computing (JAC-ECC) at E-JUST

Egypt-Japan University of Science and Technology (E-JUST) successfully hosted the 12th Japan-Africa Conference on Electronics, Communications, and Computing at its main campus in New Borg El-Arab City, Alexandria. The event was held under the patronage of Prof. Amr Adly, President of E-JUST, in collaboration with Kyushu University in Japan and Egypt Informatics University. Prof. Amr Adly stated that the conference focused on the latest research trends in electronics, communications, the Internet of Things (IoT), and artificial intelligence (AI). He highlighted the participation of renowned scholars from universities in Canada, Malaysia, Vietnam, Kenya, and South Africa, in addition to several Japanese and Egyptian universities. As part of the conference, a workshop titled “6th Generation Networks” was held, and engineering graduation projects from various Egyptian universities were showcased. Prof. Mohamed Sharaf, Dean of the School of Electronics, Communications, and Computing and the conference chair, noted that 100 research papers were submitted from different countries, out of which 62 were selected for presentations during the event.



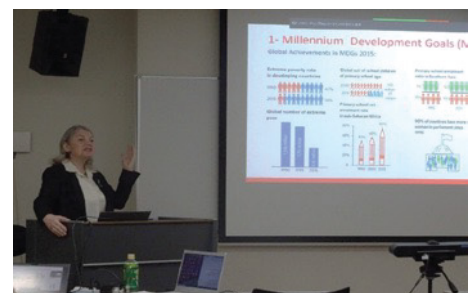
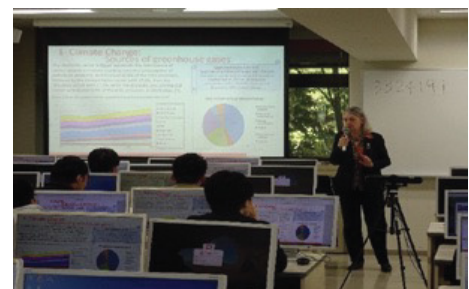
A Visit to Ritsumeikan University”

Prof. Mona Gamal Eldin - Dean of the school of Energy Resources, Environmental, and chemical and Petrochemical Engineering (EECE) has been invited by the Prof. Yashio Naakatani, Ritsumeikan University President, to visit Ritsumeikan University in Japan as a visiting professor at the Faculty of Letters. From 15 to 22-4-2024.

Visit Overview:

- On Wednesday 17-4-2024 at 9:00 AM, Prof. Mona Gamal Eldin gave a lecture titled “Combating Climate Change: Everyone Can”, at Ritsumeikan University Kinugasa Campus with the attendance of about 50 students (physically and online).

- On Friday 19-4-2024 at 4:30 PM, Prof. Mona Gamal Eldin gave a lecture titled “Egypt’s Efforts towards Achieving UN SDGs”, in the Institute of Disaster Mitigation for Urban Cultural Heritage at Ritsumeikan University Kinugasa Campus with the attendance of about 30 academics and students (physically and online).



E-JUST Hosts International Workshop on “Towards Future Collaboration”

Egypt-Japan University of Science and Technology (E-JUST) successfully hosted a workshop titled "Towards Future Collaboration" from December 15 to December 17, 2024, at E-JUST's main campus. The workshop, supported by JICA, brought together representatives from Vietnam Japan University, Stellenbosch University, and Jomo Kenyatta University of Agriculture and Technology to explore opportunities for collaboration. The workshop aimed to enhance partnerships in research and education among the participating universities. Discussions focused on potential collaborative research themes addressing cross-cutting topics that contribute to African socio-economic development, with the inclusion of social sciences faculty as part of the approach. The participants emphasized the importance of accelerating joint activities through online discussions leading up to future workshops.



150 Scholarships for African Students for Graduate Studies at the Egypt-Japan University

Prof. Amr Adly, President of Egypt-Japan University of Science and Technology, confirmed that the Japanese government, in collaboration with the Egyptian government, has offered 150 new TICAD scholarships for African students to pursue master's and doctoral degrees at Egypt-Japan University in the fields of engineering and basic and applied sciences. He noted that the scholarships cover tuition fees, living expenses, and travel costs.

Saving Energy Graduation Projects.

E-JUST offers both undergraduate and postgraduate programs in Energy Resources Engineering through the Department of Energy Resources Engineering. These programs focus on a wide range of renewable energy sources, including solar and wind power, emphasizing their role as clean and sustainable energy solutions. The curriculum covers key topics such as energy conservation, renewable energy systems, energy storage, and energy management. In addition to theoretical instruction, the department supports various research initiatives and practical projects related to energy auditing, clean energy production, and efficient energy management.



The knowledge of “Water, Sanitation, and Hygiene Practices”

Transferring the knowledge of “Water, Sanitation, and Hygiene Practices” to the students of Alexandria STEM School at the age of 15. The conducted meetings between faculty members and students have an objective to support and strengthen their participation in finding sustainable practices toward water and sanitation management.



Installing Smart Water Filters at E-JUST.

On September 2024, Prof. Mona Gamal Eldin – EECE Dean, managed to offer 160 pieces of smart water filters to be installed at Egypt-Japan University of Science and Technology premises with a cost of 3816 LE. This is a donation by Innerwheel Alexandria East Club. Installing the smart water filters process has been preceded by investigating the water consumption in all the university buildings to select the high consumption buildings. The smart filters save about %50 of water consumption compared to the normal water flow. This is a part of the university plan to save water consumption and also express the collaboration with the other community associations.



Introduction

This report is a product of collaboration between eminent professors, researchers, as well as administrative staff. Each chapter encompasses a series of Sustainable Development Goals that best represent E-JUST's commitment to achieving global sustainability. It emphasizes the critical role that education has in delivering the Sustainable Development Goals and the value it brings to governments, businesses, and wider society, thus, reaffirming the University's commitment to making a significant, sustainable, and socially responsible contribution to Egypt and the world. The data included in this report is based on E-JUST activities from January to December 2024.

The Sustainable Development Goals (SDGs), also known as the Global Goals, were adopted by all United Nations Member States in 2015 as a universal call to work towards ending poverty, protecting the environment, and ensuring that all people enjoy peace and prosperity by 2030. Through its research, learning and teaching, operations, and community of staff, and students, the University is committed to delivering these Goals. However, the following report only sheds light on the SDGs lying within the scope of E-JUST and in which the University has made fundamental advances in their regard. As part of its commitment to the Sustainable Development Goals Accord, the University will highlight projects and initiatives that directly contribute to each of the Goals within its scope.

E-JUST is committed to Goal 1: No Poverty, recognizing that poverty extends beyond income to include lack of access to food, healthcare, shelter, education, and equal rights. To support this goal, the University has implemented several initiatives aimed at reducing poverty levels. These include providing scholarships, offering internship opportunities, and conducting training workshops for students and the surrounding community. These efforts promote social inclusion, enhance employability, and foster equal access to education and economic opportunities.

In pursuit of Goal 4: Quality Education, E-JUST promotes inclusive and equitable learning opportunities through advanced academic programs, modern infrastructure, lifelong learning initiatives, and full access to cutting-edge laboratories and learning tools. This goal forms the foundation of the University's broader sustainability agenda, equipping students with the knowledge and skills to develop innovative solutions to global challenges.

The University also prioritizes Goal 5: Gender Equality by ensuring equal opportunities for all genders in academic admissions, scholarships, and employment. Female participation in STEM fields is actively encouraged, and institutional support is offered to promote leadership and career advancement for women.

E-JUST addresses Goal 6: Clean Water and Sanitation through sustainable water management practices on campus. This includes the use of a desalination unit, separate clean water pipelines, and hygiene-focused infrastructure that ensures access to safe drinking water and promotes sustainable sanitation habits.

For Goal 7: Affordable and Clean Energy, E-JUST has developed an eco-friendly campus with energy-efficient systems. The permanent headquarters spans 200 acres, with buildings occupying only %17 of the land, preserving natural space. Environmentally friendly architectural designs are enhanced with energy-saving technologies, including natural ventilation and the use of absorption chillers instead of electric ones. The university utilizes solar water heating in residential buildings and photovoltaic (PV) systems to generate electricity.

The University's dedication to Goal 8: Decent Work and Economic Growth is demonstrated through skills enhancement programs, language courses, industry partnerships, and internships. These initiatives aim to improve student employability, foster innovation, and support a resilient economy.

To fulfill Goal 9: Industry, Innovation, and Infrastructure, E-JUST supports cutting-edge industrial research, sponsors patent development, and collaborates with the private sector. The university's research centers drive technological advancement and help create sustainable solutions to industry challenges.

In promoting Goal 11: Sustainable Cities and Communities, E-JUST celebrates both Egyptian and Japanese heritage. Cultural integration is evident through public exhibitions, cultural programs, and the preservation of ancient and modern artistic expressions. These efforts cultivate a diverse, inclusive, and globally minded campus environment.

The University's contribution to Goal 12: Responsible Consumption and Production is reflected in efforts to minimize waste, enhance resource efficiency, and implement sustainable procurement policies.

Climate action is integral to E-JUST's mission under Goal 13: Climate Action. The University adopts a comprehensive approach focused on four pillars: campus operations, research, education, and consultancy. Projects aim to reduce carbon emissions and increase awareness of environmental challenges, particularly those related to climate change.

In support of Goal 16: Peace, Justice, and Strong Institutions, E-JUST promotes transparency and inclusive governance by involving representatives from all sectors of the university in decision-making. These practices foster equality, institutional integrity, and trust among stakeholders.

Finally, E-JUST advances Goal 17: Partnerships for the Goals through national and international collaborations that enhance education, research, and sustainable innovation. Participation in global conferences, exchange programs, and joint research projects reinforces the university's global engagement and knowledge-sharing objectives.

Through this report, E-JUST reaffirms its leadership in higher education as a driver for sustainable development. Each section highlights real-world actions and measurable outcomes that reflect the University's integrated and strategic approach to achieving the SDGs. Together, these efforts underscore E-JUST's vision to create a more just, inclusive, and sustainable future for Egypt and the world.



Goal. 1 No Poverty

Aim:

The first sustainable development goal (SDG) established by the United Nations in 2015 is "No Poverty." This goal seeks to eradicate poverty in all its forms worldwide, recognizing that poverty does not only pertain to the absence of income, but that it also encompasses the lack of food, education, shelter, healthcare, political participation, choices, safety, and dignity. Various factors contribute to poverty, including unemployment, social exclusion, and vulnerability to diseases and disasters. SDG 1 "No Poverty" includes five targets, three of which are to be achieved by 2030: implementing social protection systems, eradicating extreme poverty, and reducing poverty by at least %50. The other two targets focus on ensuring equal rights for men and women to own property, access basic services, technology, and economic resources, as well as building resilience to environmental, economic, and social shocks.

Actions:

E-JUST took several initiatives to help in fulfilling the first SDG Goal "No Poverty". These initiatives focused on various aspects, such as offering scholarships and providing internship opportunities to its students as well as training workshops to the community with the aim of raising the level of awareness and knowledge, and consequently, increasing employment opportunities, thereby ensuring equal opportunities for social inclusion and education and reducing the level of poverty.

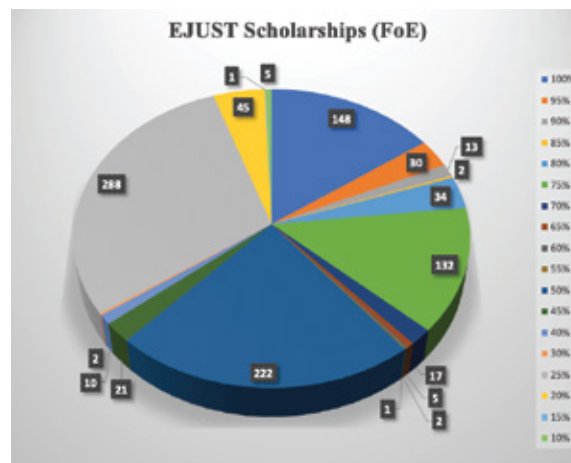
Financial Support

First

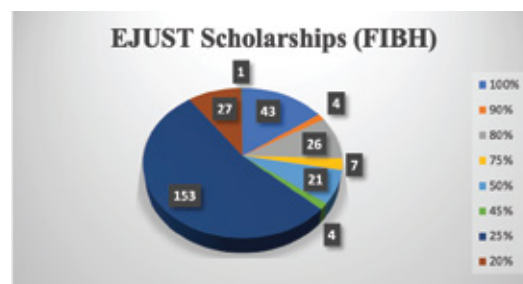
E-JUST has offered different scholarships to its undergraduate students. These scholarships are offered after conducting a thoroughly extensive investigation into the financial status of students and their parents to ensure that financial support is offered to those who genuinely deserve it.

In 2024, E-JUST offered financial scholarships to a total of 2655 students (out of 4425 students), ranging from %10 to %100 of the university tuition fees. These scholarships are distributed as follows: Faculty of Engineering (FoE) (978 students), Faculty of International Business and Humanities (FIBH) (286 students), Computer Science and Information Technology (CSIT) (514 students), PharmD (660 students), Sustainable Architecture (Arch) (52 students), Art and Design (AnD) (93 students), and Basic and Applied Sciences (BAS) (72 students).

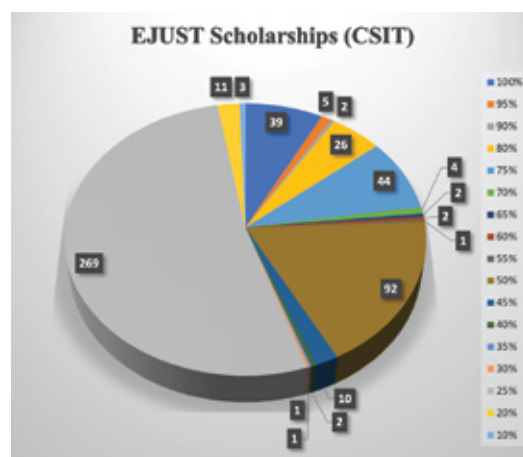
FoE: E-JUST offered %100 scholarship to 148 students, %95 to 30 students, %90 to 13 students, %85 to 2 students, %80 to 34 students, %75 to 132 students, %70 to 17 students, %65 to 5 students, %60 to 2 students, %55 to 1 student, %50 to 222 students, %45 to 21 students, %40 to 10 students, %30 to 2 students, %25 to 288 students, %20 to 45 students, %15 to 1 student and %10 to 5 students.



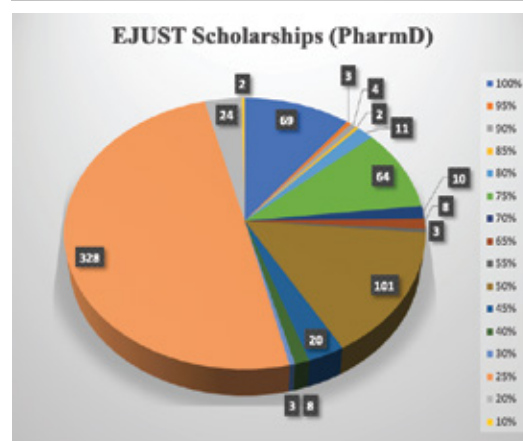
FIBH: E-JUST offered %100 scholarship to 43 students, %90 to 4 students, %80 to 26 students, %75 to 7 students, %50 to 21 students, %45 to 4 students, %25 to 153 students, %20 to 27 students and %10 to 1 student.



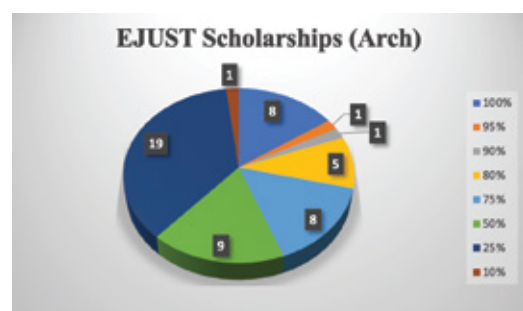
CSIT: E-JUST offered %100 scholarship to 39 students, %95 to 5 students, %90 to 2 students, %80 to 26 students, %75 to 44 students, %70 to 4 students, %65 to 2 students, %60 to 2 students, %55 to 1 student, %50 to 92 students, %45 to 10 students, %40 to 2 students, %30 to 1 student, %35 to 1 student, %25 to 269 students, %20 to 11 students and %10 to 3 students.



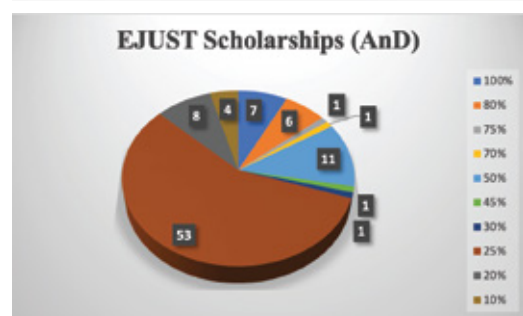
PharmD: E-JUST offered %100 scholarship to 69 students, %95 to 3 students, %90 to 4 students, %85 to 2 students, %80 to 11 students, %75 to 64 students, %70 to 10 students, %65 to 8 students, %55 to 3 students, %50 to 101 students, %45 to 20 students, %40 to 8 students, %30 to 3 students, %25 to 328 students, %20 to 24 students and %10 to 2 students.



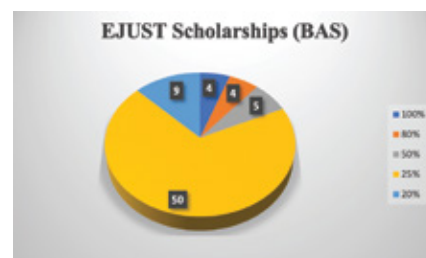
Arch: E-JUST offered %100 scholarship to 8 students, %95 to 1 student, %90 to 1 student, %80 to 5 students, %75 to 8 students, %50 to 9 students, %25 to 19 students, and %10 to 1 student.



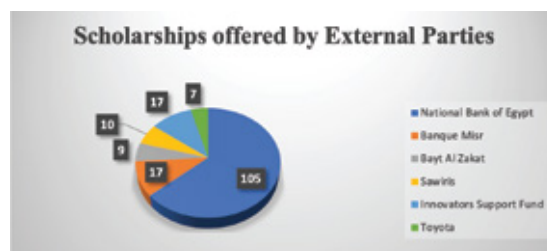
AnD: E-JUST offered %100 scholarship to 7 students, %80 to 6 students, %75 to 1 student, %70 to 1 student, %50 to 11 students, %45 to 1 student, %30 to 1 student, %25 to 53 students, %20 to 8 students and %10 to 4 students.



BAS: E-JUST offered %100 scholarship to 4 students, %80 to 4 students, %50 to 5 students, %25 to 50 students, and %20 to 9 students.



In addition, several charitable organizations, and companies, such as the National Bank of Egypt, Banque Misr, Bait Al Zakat, Sawiris, Innovators Support Fund, and Toyota offered financial scholarships to 165 E-JUST students during 2024. This financial support ensures our students have equal access to education, which in turn enhances their chances of securing good job opportunities after graduation, maintaining a stable income, and ultimately reducing poverty levels.



For PG students, Toyota offered a %100 scholarship to 1 PG student and E-JUST provided support, in cooperation with JICA, to 88 African students joining E-JUST from different African countries under the TICAD program.

Second

E-JUST offered internship opportunities to 11 FIBH 3rd year students during summer 2024 from July 1, 2024 – till September 15, 2024, at E-JUST offices (6 students in the finance department – 1 student in the HR department – 4 students in the PR department).

The internship summer program offered to students helped bridge the gap between education and employment by equipping them with valuable skills that improve their employability. By gaining practical experience, students are more likely to secure stable and well-paying jobs after graduation, contributing to their financial independence.

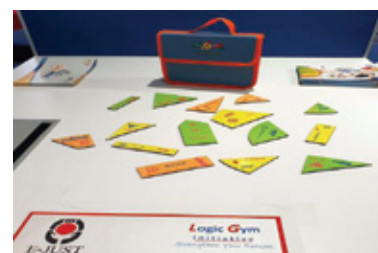


Third

E-JUST incubator offered in-kind support, in the form of mentorship, advice, marketing, space, internet, and meeting rooms to 11 companies, which are: AXIS brake, Logic Gym Limited, Trophy, AAA TECH, M Vision, Micro-Fluidics Ware, Cubex, Quantum Tech, Code crafters Solutions, Axis Brake systems, and Blue Light companies.

Logic Gym Ltd.

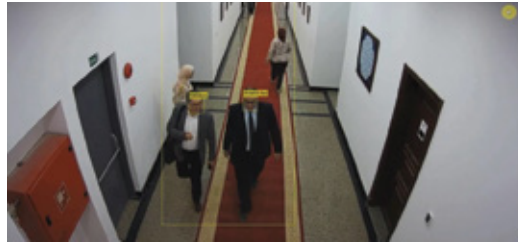
Provides innovative educational tech-driven physical devices and games that develop students' logical thinking and problem-solving skills in Egyptian private schools. It also provides consultation and training to improve the capacity building of the school's human resources.





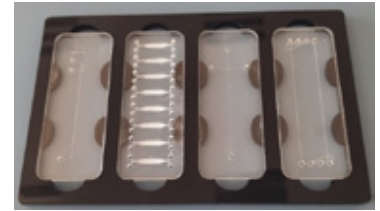
Trophy Company

Vehicles (E-Vehicles, scooters, go-carts)



M Vision

Facial Detection and Recognition software where novel algorithms for simultaneously detecting, recognizing, and tracking individuals in camera images and videos are presented.



Microfluidics Ware

Conventional Microfluidics chips. These chips are used in many applications, such as Blood plasma separation, Semen sorting, Micro droplet formation, and Cell culture.



Quantum tech

Innovative Lighting bulb with several benefits, such as healthy and comfortable Blue-light-free light (EyeHealthy antiblue technology), varied color temperature, being a made-in-Egypt new technology (patented), and very low price (~ 5 \$, whole price)



Cube-x

Provides 3D models of decorations and masks made from high-quality paper with low cost and the ability to customize.

Code Crafters Solutions Company

This company specializes in technological solutions including:

1. Device maintenance
2. Programming code writing invitation
3. Smart system solutions for fishponds, including sensors and operating software, to solve fishpond problems at the lowest cost.



Goal. 3

Good Health and Well-Being

• Aim

Achieving optimal health and well-being entails adopting a comprehensive perspective on how to lead a gratifying and harmonious existence. This concept entails acknowledging the interdependence of mental, emotional, and physical health and comprehending how each of these domains influences overall well-being. Good health and well-being place significant emphasis on the fundamental values of self-care and self-awareness. It inspires us to give precedence to personal welfare and deliberate on decisions that foster health and contentment. This can be accomplished through the implementation of healthy practices, including consistent physical activity, a balanced diet, and sufficient rest, in addition to the management of stress and the discovery of methods to unwind and re-energize. Developing positive relationships and connections with others is an additional component of health and well-being. It recognizes the intrinsic worth that meaningful connections, community, and social support hold in daily existence. Fostering these ties leads to a sense of inclusion, aid, and happiness. Furthermore, it recognizes the critical relevance of psychological and emotional health. It encourages the development of self-compassion, awareness, and contemplation. Prioritizing mental and emotional well-being promotes resilience, effective stress management, and a positive attitude.

• Actions

Blood Donation Campaign:

E-JUST organized a blood donation campaign on Monday, November 2024 ,4, and Wednesday, November 2024 ,6. Such campaigns play an essential role in supporting the health infrastructure, which in turn can help reduce the financial impacts of illness and medical emergencies on low-income individuals and communities.

Healthcare Services

- Because E-JUST believes in increasing the level of productivity of its community, it should provide high-quality healthcare services to its administrative and academic staff. E-JUST signed a contract with a new healthcare insurance company (Life Healthcare) that offers high-quality healthcare insurance coverage to the E-JUST community. Life Healthcare company provides the E-JUST community with a wide network of physicians, dentists, and medical centers all over Egypt.

-The university also offers a Nutrition Clinic that gives recommendations and consultations to help E-JUST community members enhance their health and well-being.

-A medical convoy organized by the PharmD program:

E-JUST launched a medical convoy organized by the PharmD program to the village of Al-Ula (Borg ElArab) on Monday, 10th of June, 2024 serving about 1000 villagers. The convoy is launched with the participation of Pharm D program professors, students, and doctors/specialists from the Ministry of Health. Companies/Programs which donated medicines:

Amriya for Pharmaceutical Industries (S.A.E) Kindly donated medicine ~ 26680 EGP

EVA Pharm. Kindly donated medicine ~ 114184 EGP

MUP Pharm. Kindly donated medicine ~ 9000 EGP

PharmD program donations amounted to ~17000 EGP

The Grand Total amounts to EGP166864





Goal. 4 Quality Education

• Aim

E-JUST adopts a state-of-the-art educational system that is based on Japanese academic concepts and mainly relies on project-based education and problem-solving learning techniques. The University offers unique academic programs with close interaction with the industry, as well as multidisciplinary research. We aim to become a role model for educational and research institutions in Egypt by fostering Japanese educational standards, policies, and systems. In this regard, the University seeks to strengthen the ties of collaboration between Egyptian and Japanese academic institutions. Therefore, in line with Goal 4; “Quality Education”, E-JUST strives to contribute to the improvement of human resources in the region, by providing a high-level educational system and offering pragmatic and innovative solutions to human needs. Moreover, by building partnerships with key Japanese academic and research institutions as well as industrial companies, we aim to conduct applied research that would expose students and faculty members to real-life research activities, and acquaint them with the Japanese systems, know-how, and advanced technologies

• Actions

In line with the University’s efforts to launch new academic programs and provide a world-class academic environment, E-JUST welcomed many committees from the Supreme Council of Universities (SCU) to assess the quality of the labs as well as the curricula taught at E-JUST



Also, E-JUST is always keen on supporting its students to excel in all fields.

Adding to that, JICA supported E-JUST through several activities:

Activities including the following have been carried out face-to-face or online from Japan:

1) Providing Support to introduce:

- Graduation project system for the UG final year
- Laboratory-based education for FoE and Zemi-system for FIBH
- Co-supervision of graduate student research for FoE
- Arrangement of short-term study of Ph.D. students from FoE in Japan
- Co-teaching of FIBH and Liberal Arts Education courses
- Advising on the management of Faculty, School, and Department

In addition, some seminars, lectures, co-teaching activities, and advising on student research through zemi, etc. were carried out based on an individual contract between a faculty member of JCU and JICA.

Participation in Activities under the Triangular Study Abroad Program for Reciprocal Partnership with North and Sub-Saharan Africa by Hiroshima University (HU)



As part of E-JUST’s participation in the Inter-University Program with Hiroshima University (HU),Regional and International Affairs (RIA) received invitations from the [e-START Program] for E-JUST’s national and international undergraduate and postgraduate students to apply for and be nominated to attend HU’s online courses.

Since the courses are part of an international student exchange program between the partner universities in Africa and HU, one course-attendee has the chance to participate in a student exchange opportunity at Hiroshima University (1 student to be selected by E-JUST).

HU offered three different online courses to E-JUST (UG&PG) students:

E-JUST Received Online Courses

Course Title	Date	No. of E-JUST Participants
Peace and SDGs	05 August – 03 September 2024	5 students (UG/PG)
Introduction to International Cooperation	13 February – 05 March 2024	8 students (UG/PG)
Disaster Resilience and Community Health: Learning from Multiple Countries’ - Experience and	20 February – 29 March 2024	8 students (UG/PG)

In addition, one UG CSIT student was accepted as a special auditing student at Hiroshima University (Student Exchange) for 6 months starting from October 2024 till March 2025. Hence, participating in the offered online courses is considered a valuable opportunity for students to broaden their knowledge and enhance their academic experience beyond their studies at E-JUST.



Yokogawa Electric Middle East and Africa Intensive Online Training Course and Internship in Bahrain

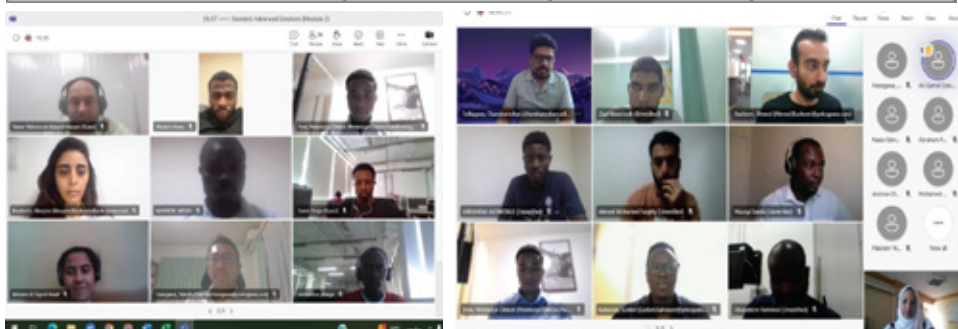
In accordance with the cooperation agreement between E-JUST and Yokogawa Middle East & Africa, an intensive online 3-day training course was conducted by Yokogawa from July 9 to July 2024, 11. In addition, participants who attended this course were eligible for potential selection to undergo a 4-month physical training program at Yokogawa in Bahrain. The courses were offered for E-JUST students; specifically, for E-JUST's:

- 4th and 5th year FOE undergraduates
- 4th-year CSIT undergraduates
- FOE & BAS master's students and alumni

Thus, a total of 35 students attended the training course and received digital completion. As for the internship opportunity, the successful candidates who were able to pass the interview and get accepted for the physical internship opportunity in Bahrain are as follows;

Yokogawa Internship

Student Name	Program - Major	Status	Nationality
Yomna Emad Abdelkarim	Mechatronics Engineering -	Undergraduate Alumni	Egyptian
Brayan Ricky Ambuli Etemesi	Electrical Power Engineering -	M.Sc. International	Kenyan
Duku Simon Sebit Augustine by Disasters	Environmental Engineering - FOE	M.Sc. International Alumni	South Sudan



2024 TIMES HIGHER EDUCATION World University Ranking:

- E-JUST led all Egyptian universities in the 2024 TIMES HIGHER EDUCATION World University Ranking.
- On Sept. 27th, 2023, E-JUST was ranked individually way ahead of all the other 27 Egyptian universities that appeared in this ranking. E-JUST came in the category 601 - 800 among the world's universities. All remaining Egyptian universities came in the ranks ranging between 801 and 1501+.
- This achievement can be attributed to the BOT support, the excellent combination of top-notch scientists and exceptional lab facilities, the Ranking Committee efforts, the highly professional admins, and the superb group of E-JUST students.
- According to the ranking results that were released on June 12th, 2024:
E-JUST Ranked#19 among world universities for SDG#7 (Affordable and Clean Energy)
E-JUST Ranked#21 among world universities for SDG#6 (Clean Water and Sanitation)
E-JUST Ranked#38 among world universities for SDG#13 (Climate Action)
- In addition, E-JUST was ranked among the top 200-101 world universities for SDG#1 (No Poverty), ranked among the top 301-400 world universities for SDG#11 (Sustainable Communities), and ranked among the top 401-600 world universities for SDG#8 (Decent Work and Economic Growth).
- For a university established less than 15 years ago, this remarkable achievement is a direct result of the strong support from the Egyptian and Japanese governments, the visionary leadership of the E-JUST Board of Trustees, the exceptional scientific expertise of E-JUST faculty members, the cutting-edge laboratories and Centers of Excellence, the dedication of highly motivated students, and the professionalism of E-JUST's administrative staff and lab engineers.



Goal. 5 Gender Equality

• Aim

E-JUST strives to achieve gender equality and empower all women and girls. Empowering women and promoting gender equality is crucial to accelerating sustainable development. Ending all forms of discrimination against women and girls is not only a basic human right, but it also has a multiplier effect across all other development areas.

• Actions

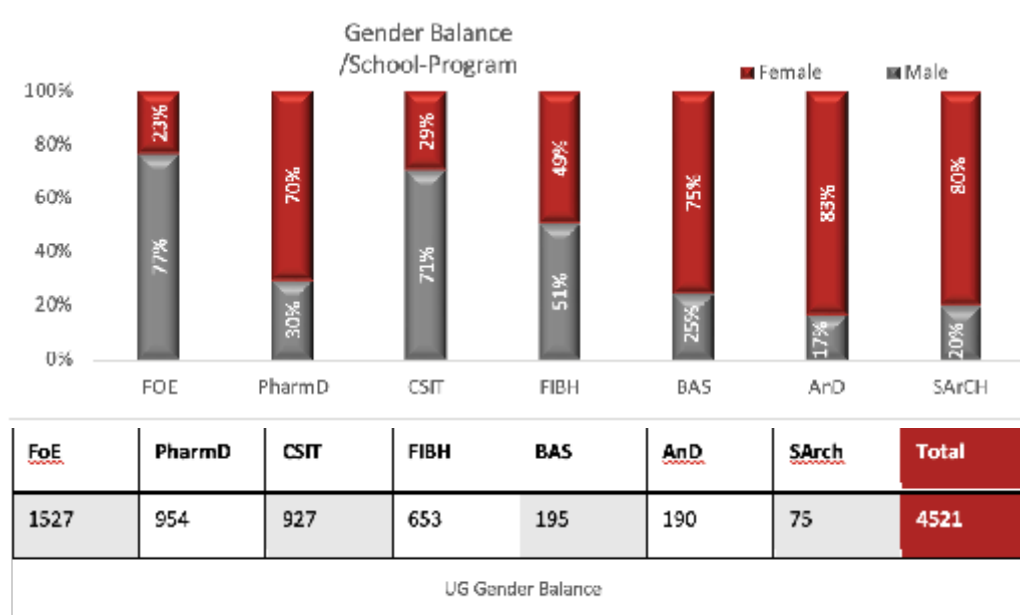
Table 6 Female Students upon the Semester Applied (FoE & BAS)

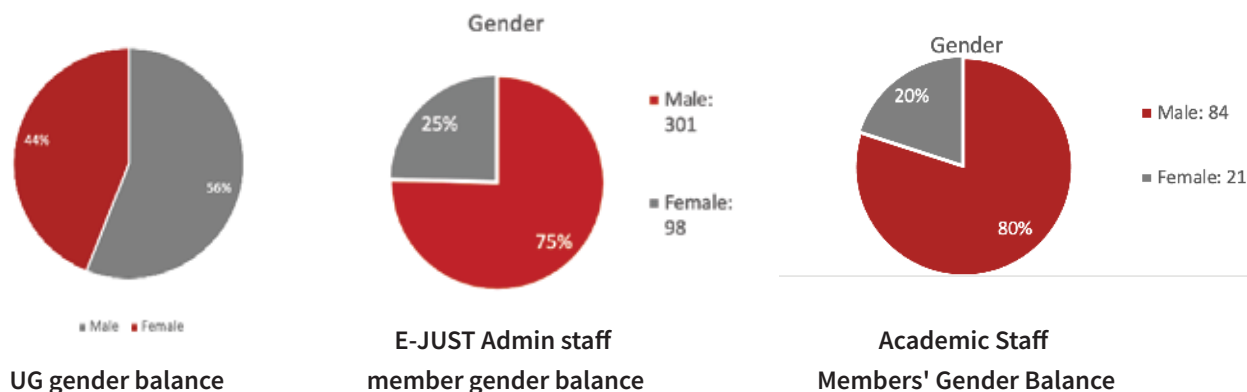
Semester- Admitted (National + International)	Fall 2023	Spring 2024	Fall 2024
No. of New Female Students	25	10	26
No. of New Male Students	27	11	19
Total No. of Students	52	21	45
Ratio of Female to Total Students	48%	48%	58%

Gender Balance among All E-JUST PG Students

Gender	FoE	BAS	FIBH	HS	Grand Total
Female	49	67	13	4	133
Male	117	52	4	3	176
Grand Total	166	119	17	7	309

UG Gender Balance





Regional Training for the Development of Rural Women on: Reuse of Household Waste and Capacity Building in Related Entrepreneurship:

Prof. Mona Gamal Eldin, EECE dean, and Gender Equality Unit (GEU) chair organized the training titled: "Regional Training for the Development of Rural Women on: Reuse of Household Waste and Capacity Building in Related Entrepreneurship". This event is organized by GEU in collaboration with the Arab Organization for Agricultural Development with the participation of the Ministry of Agriculture and the Ministry of Environment from 17 to 19 December 2024 at E-JUST. Prof. Mona's session aims to empower rural women to recycle home waste into sellable products.

The training course aimed to enhance the capacities of the rural women and focused on the reuse of household waste and capacity building in related entrepreneurship. The training course includes the following nine sessions that help enhance the awareness of rural women and assist them in developing their small business projects.

Session 1: Reuse of Household Oil Waste in Detergent Production

Session 2: Reuse of Fruit Waste in Animal Feed and Silage Production

Session 3: Marketing Plan for a Small Business Project

Session 4: Reuse of Damaged Vegetables in Insect Protein Production

Session 5: Reuse of Paper and Straw Waste in Mushroom Production

Session 6: Packaging of Manufactured Products

Session 7: Mechanisms for Calculating the Economic Feasibility of Manufactured Products

Session 8: Reuse of Paper Containers in Animal Feed Production

Session 9: Principles of Innovative Brand Design

More than 35 women from Egypt, Iraq, Lebanon, Palestine, Oman, Jordan, Kuwait, and GEU members attended the training, which is one of E-JUST Gender Equality Unit activities.













Goal. 6 Clean water and Sanitation

• Aim

Ensure availability and sustainable management of water, sanitation, and hygiene practices.

• Actions

1- Achieved targets

Safe and affordable drinking water		End open defecation and provide access to sanitation and hygiene.	
Improve water quality, wastewater treatment, and safe reuse.		Increase water-use efficiency and ensure freshwater supplies.	
Implement integrated water resources management.		Protect and restore water-related ecosystems.	
Expand water and sanitation support to developing countries.		Support local engagement in water and sanitation management.	

2- Providing courses related to Water and Wastewater Treatment technologies to both undergraduate and graduate students

These courses include:

- ENV 502 Principles of Environmental Engineering
- ENV 503 Water Quality and Treatment
- ENV 504: Advanced Water Supply Engineering
- ENV 505: Groundwater Engineering and Management
- ENV 506: Advanced Wastewater Treatment
- ENV 511: Water Resources Management
- ENV 601 Seawater and Brackish Water Desalination
- ENV 608 Industrial Wastewater Treatment
- LRA 306 Natural Resources and Sustainability

3- Transferring the knowledge of “Water, Sanitation, and Hygiene Practices” to the students of Alexandria STEM School at the age of 15. The conducted meetings between faculty members and students have an objective to support and strengthen their participation in finding sustainable practices toward water and sanitation management.



4- On June 2024, Prof. Mona Gamal Eldin – Dean of EECE school and E-JUST coordinator at the Cairo Water Week (CWW), announced the competition titled: The Three-Minute (3MT)[®] that are presented in the technical sessions during the Cairo Water Week 2024 (CWW) organized by the Ministry of Water Resources and Irrigation from 13 to 17 October, 2024 under the theme "Water and Climate: Building Resilient Communities".

The Three Minutes Thesis (3MT) was created by the University of Queensland in 2008. The competition challenges graduate students to deliver a powerful talk to a non-specialist audience in just three minutes on their thesis topic and its significance.

CWW cordially invites graduate research students from water-related fields to share their enthusiasm for their thesis and share their passion for the topic with a multidisciplinary audience.

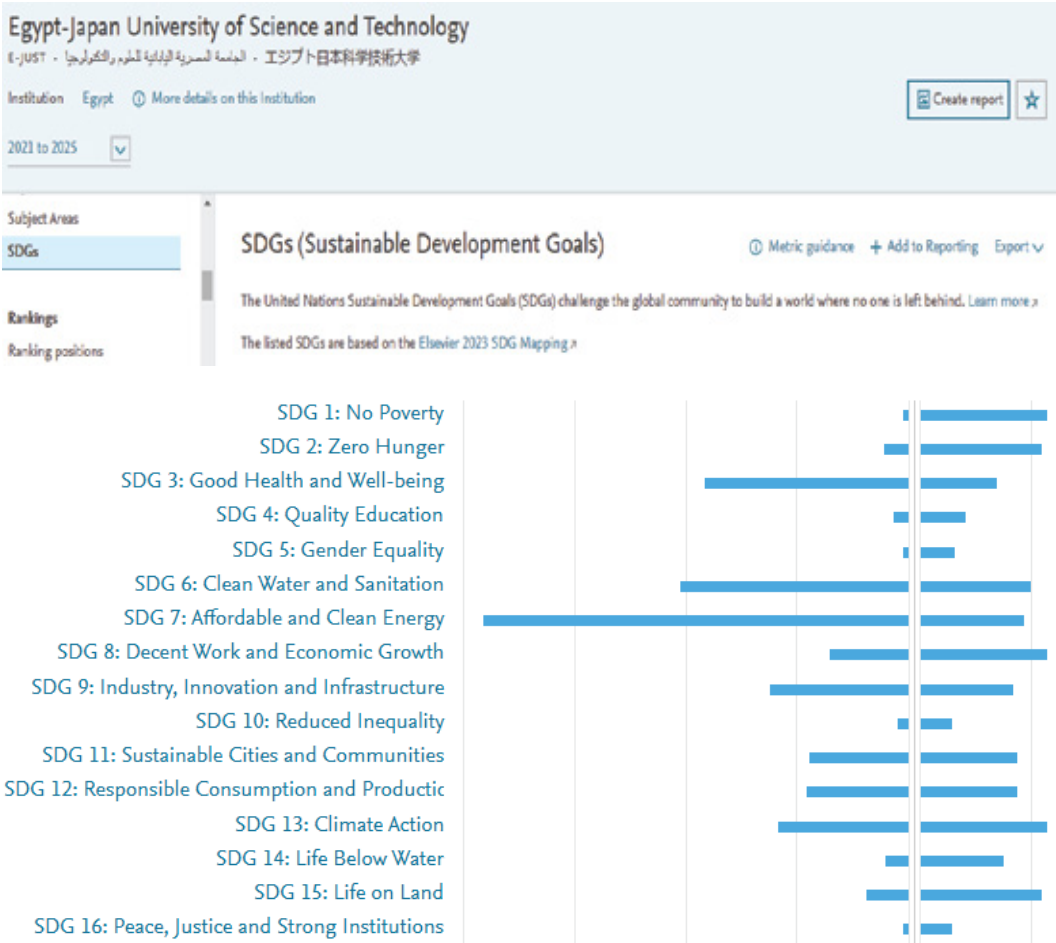
8 PG students participated in the competition from (Environmental Engineering – Chemical and Petrochemical Engineering – Energy Resources – Biotechnology).

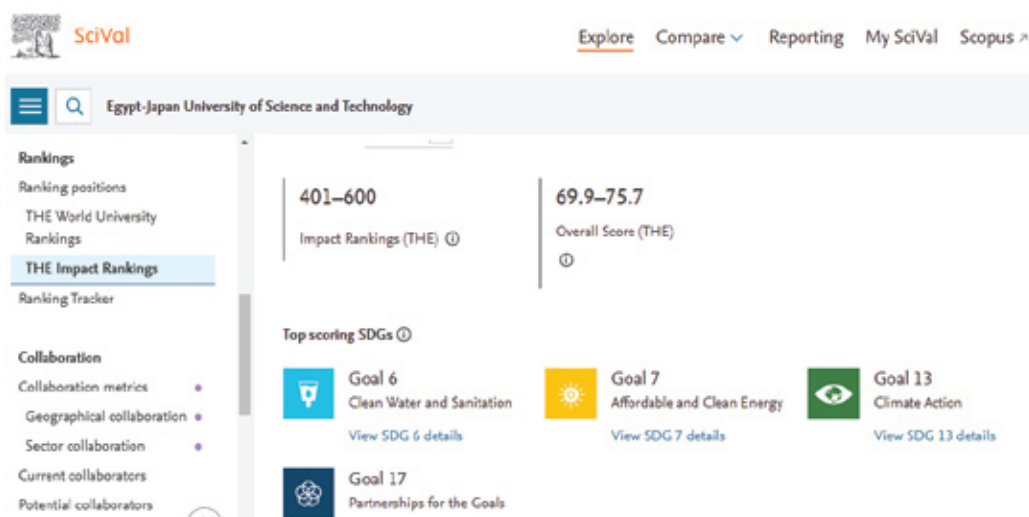
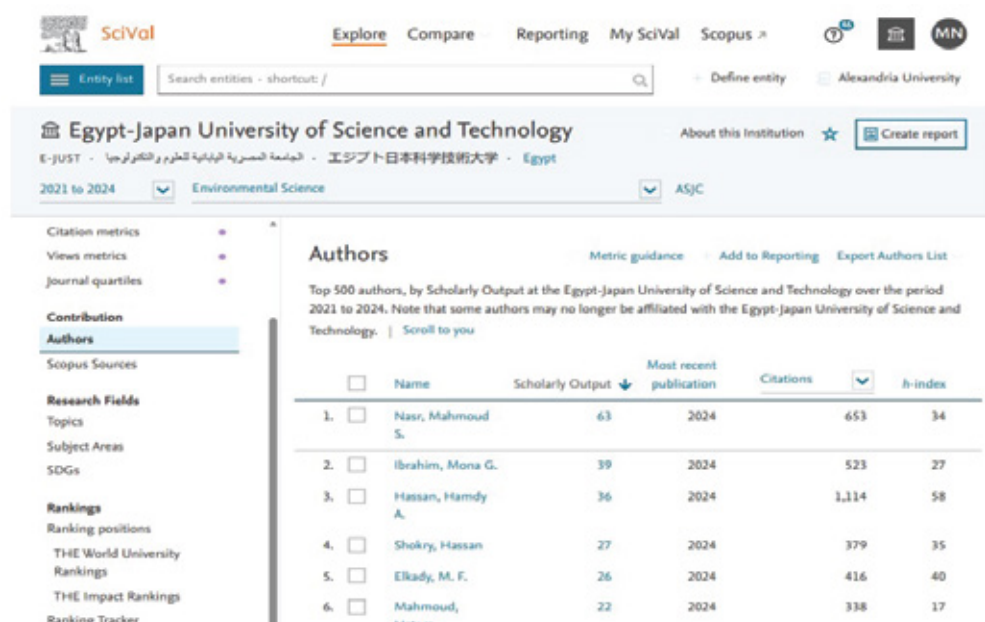
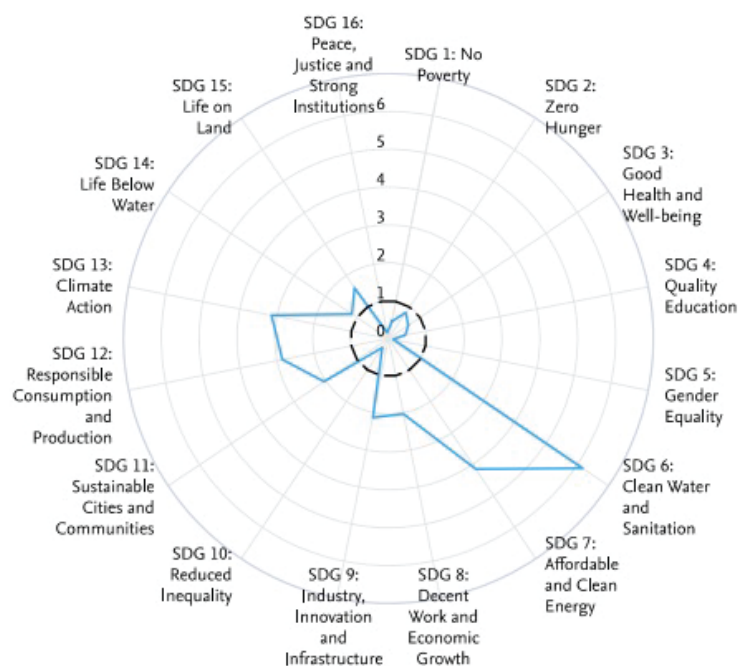
The students are filtered during the competition and the final result shows that Eng. Amira Ragab Mohamed Eissa, M.Sc student in Biotechnology department, Basic and Applied Science won the 2nd rank in the competition held on October 2024.

5- On September 2024, Prof. Mona Gamal Eldin – EECE Dean, managed to offer 160 pieces of smart water filters to be installed at Egypt-Japan University of Science and Technology premises with a cost of 3816 LE. This is a donation by Innerwheel Alexandria East Club. Installing the smart water filters process has been preceded by investigating the water consumption in all the university buildings to select the high consumption buildings. The smart filters save about 50% of water consumption compared to the normal water flow. This is a part of the university plan to save water consumption and also express the collaboration with the other community associations.



6- According to the SCOPUS database, EJUST has the highest relative activity index defined as the share of an institution's scholarly output in SDG6 relative to the worldwide share of scholarly output in SDG6 (<https://www.scival.com/overview/sdg?uri=Institution/714057>)





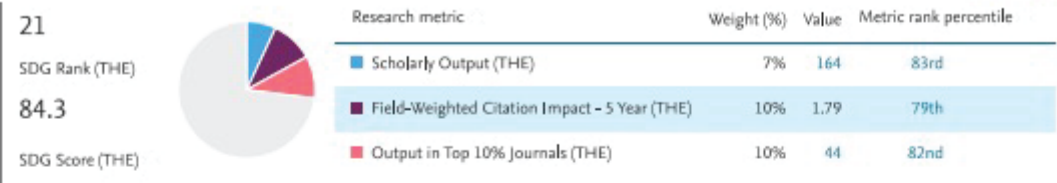
Research metric details for SDG 6: Clean Water and Sanitation



THE Impact Rankings 2024 - Egypt-Japan University of Science and Technology

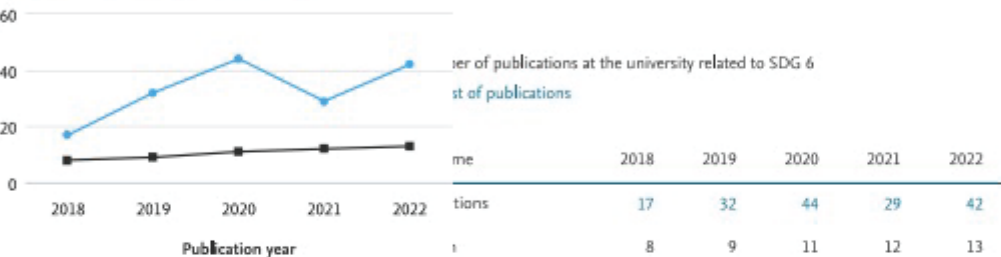
[Metric guidance](#) [Export](#)

[Add to Reporting](#)



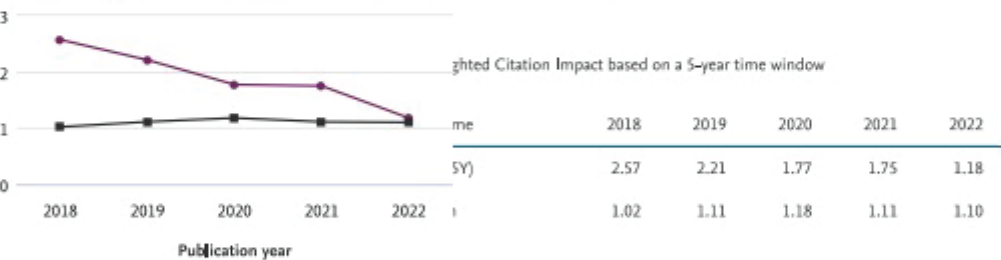
Scholarly Output (THE)

[Add to Reporting](#)



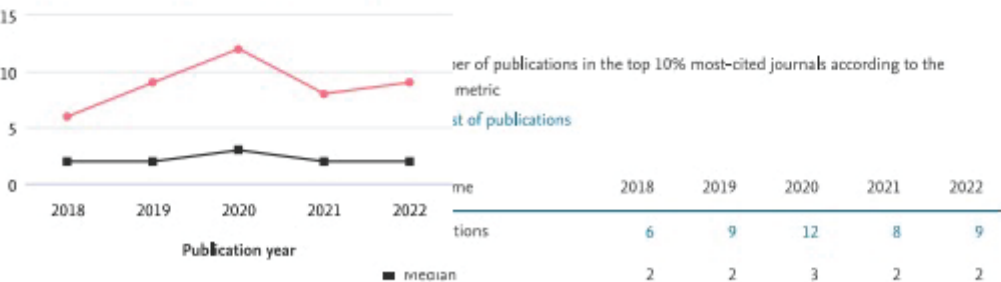
Field-Weighted Citation Impact - 5 Year (THE)

[Add to Reporting](#)



Output in Top 10% Journals (THE)

[Add to Reporting](#)

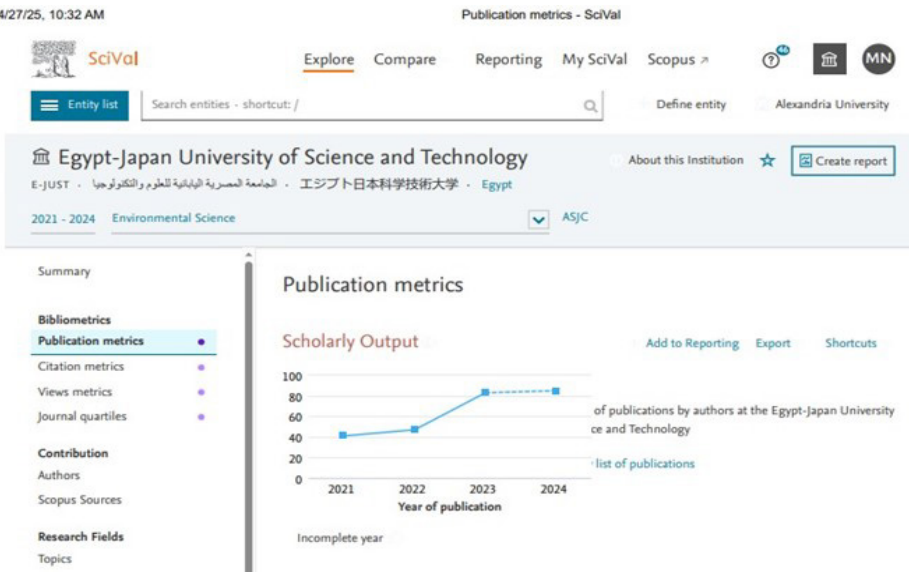


More SDG analysis options in SciVal

[Analyze all of the university's SDG 6 publications >](#) [Analyze the full SDG 6 Research Area in Explore >](#)

<https://www.scival.com/overview/ranking/the/impactRankings?uri=Institution/714057>

The number of published articles related to water and wastewater treatment technologies increased by about %70 in 2024 since 2022.



7- Putting regulations on the laboratories to minimize the release of hazardous chemicals and materials

Symbol	Class Description	Symbol means that the material:
	Compressed Gas (Class A)	<ul style="list-style-type: none">• poses an explosion danger because the gas is being held in a cylinder under pressure• may cause its container to explode if heated• may cause its container to explode if dropped
	Combustible and Flammable Material (Class B)	<ul style="list-style-type: none">• is one that will burn and is consequently a fire hazard (i.e., is combustible)• may catch fire at relatively low temperatures (i.e., is flammable)• may ignite spontaneously in air or release a flammable gas on contact with water
	Oxidizing Material (Class C)	<ul style="list-style-type: none">• may react violently or cause an explosion when it comes into contact with combustible materials• may burn skin and eyes upon contact
	Poisonous Material: Immediate Toxic Effects (Class D1)	<ul style="list-style-type: none">• is a potentially fatal poisoning substance• may be immediately fatal or cause permanent damage if it is inhaled or swallowed or enters the body through skin contact
	Poisonous Material: Other Toxic Effects (Class D2)	<ul style="list-style-type: none">• is a poisonous substance that is not immediately hazardous to health• may cause death or permanent damage as a result of repeated exposure over time (e.g., cancer, birth defects or sterility)• may be an irritant
	Biohazardous Infectious Material (Class D3)	<ul style="list-style-type: none">• may cause a serious disease resulting in illness or death• may produce a toxin that is harmful to humans
	Corrosive Material (Class E)	<ul style="list-style-type: none">• causes severe eye and skin irritation upon contact• causes severe tissue damage with prolonged contact• may be harmful if inhaled
	Dangerously Reactive Material (Class F)	<ul style="list-style-type: none">• is very unstable• may react with water to release a toxic or flammable gas• may explode as a result of shock, friction, or increase in temperature• may explode if heated in a closed container

HCS Pictograms and Hazards		
Health Hazard	Flame	Exclamation Mark
<ul style="list-style-type: none">• Carcinogen• Mutagenicity• Reproductive Toxicity• Respiratory Sensitizer• Target Organ Toxicity• Aspiration Toxicity	<ul style="list-style-type: none">• Flammables• Pyrophorics• Self-Heating• Emits Flammable Gas• Self-Reactives• Organic Peroxides	<ul style="list-style-type: none">• Irritant (skin and eye)• Skin Sensitizer• Acute Toxicity• Narcotic Effects• Respiratory Tract Irritant• Hazardous to Ozone Layer (Non-Mandatory)
Gas Cylinder	Corrosion	Exploding Bomb
<ul style="list-style-type: none">• Gases Under Pressure	<ul style="list-style-type: none">• Skin Corrosion/Burns• Eye Damage• Corrosive to Metals	<ul style="list-style-type: none">• Explosives• Self-Reactives• Organic Peroxides
Flame Over Circle	Environment (Non-Mandatory)	Skull and Crossbones
<ul style="list-style-type: none">• Oxidizers	<ul style="list-style-type: none">• Aquatic Toxicity	<ul style="list-style-type: none">• Acute Toxicity (fatal or toxic)

8- Creating colourful posters on water use and water saving to raise students' awareness of the importance of water consumption. This includes some statements such as "It's important to use water wisely"; "If not using the tap, turn it off"; "Report leaks to xxx"



9- Increase equitable and free access to safe and affordable drinking water for students.



Water machines are placed on each floor to provide free drinking water



Wall-mounted drinking water fountain available for students

10- Ensure adequate and equitable sanitation and hygiene for students.



hand dryer



hand soap dispenser



Urinals



Toilet with seat cover

11- The campus is equipped with a reverse osmosis (RO) desalination unit with a capacity of 30 m³/day. This unit supplies water for drinking and for washing raw fruits and vegetables. Typically, the influent total dissolved solids (TDS) level is around 500 ppm, which is reduced to 150 ppm after treatment, significantly improving water quality. The treated water is distributed to each floor through separate piping systems.



Reverse osmosis desalination unit at EJUST campus, providing safe and free drinking water.



Schematic diagram of the RO system

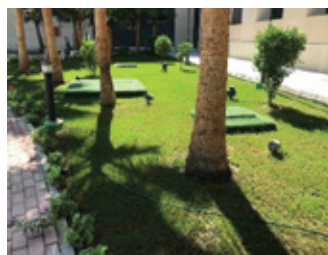


Ultraviolet (UV) unit for disinfection



Automatic control and monitoring of the RO system

12- The irrigation of green areas and landscapes is provided by the drip irrigation system to save water and nutrients. Drip irrigation is done either in the early morning or during the late afternoon and/or evening to mitigate evaporation and ensure that water can be effectively absorbed by plants.



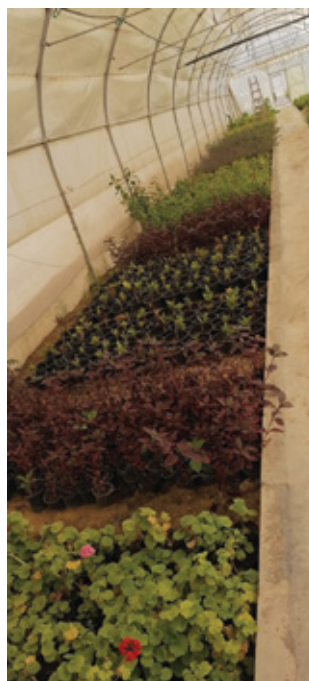
Saving water at the green area

Drip irrigation system to minimize water loss

13- Plants used in the green area (landscape) are drought-tolerant, so they do not need much water at all to survive and thrive. Examples of those plants are Yucca, Furcaria, and Euphorbia.



14- The agricultural greenhouse at E-JUST plays a key role in supporting the university's planting activities. It is used for cultivating essential seeds, producing healthy, disease-free seedlings, and meeting the crop requirements for various campus projects. The greenhouse also supports landscaping and cultivation efforts across designated areas of the university. Structurally, it is a metal frame covered with transparent or mesh membranes, designed to create an optimal environment for plant growth. By retaining heat and increasing humidity levels, the greenhouse enables the cultivation of plants during seasons that may not be suitable for outdoor farming.





Goal. 7

Affordable and Clean Energy

- **Aim**

Goal 7 aim is to raise the use of clean and renewable energy, reduce energy consumption, reduce indoor air pollution, and lessen using pollutant fuels.

- **Actions**

- **Eco-friendly campus**

The E-JUST Permanent Headquarters (main campus) spans 200 acres, with buildings occupying only %17 of the total area, preserving green space and promoting environmental harmony. The campus is designed with a strong emphasis on sustainability and is equipped with state-of-the-art technologies. Natural ventilation techniques have been implemented to reduce electricity consumption related to air conditioning systems. Additionally, the central air conditioning system utilizes absorption chillers powered by thermal energy, replacing traditional electric chillers and significantly enhancing energy efficiency. To further support sustainable transportation, electric vehicles are used for internal mobility across campus. A solar water heating system supplies hot water in residential buildings, while photovoltaic (PV) systems installed on the university's main building generate renewable electricity, reinforcing E-JUST's commitment to clean and efficient energy solutions.



EJUST main campus

Different actions were taken in the university for clean energy use inside and reducing energy consumption within the university which include:

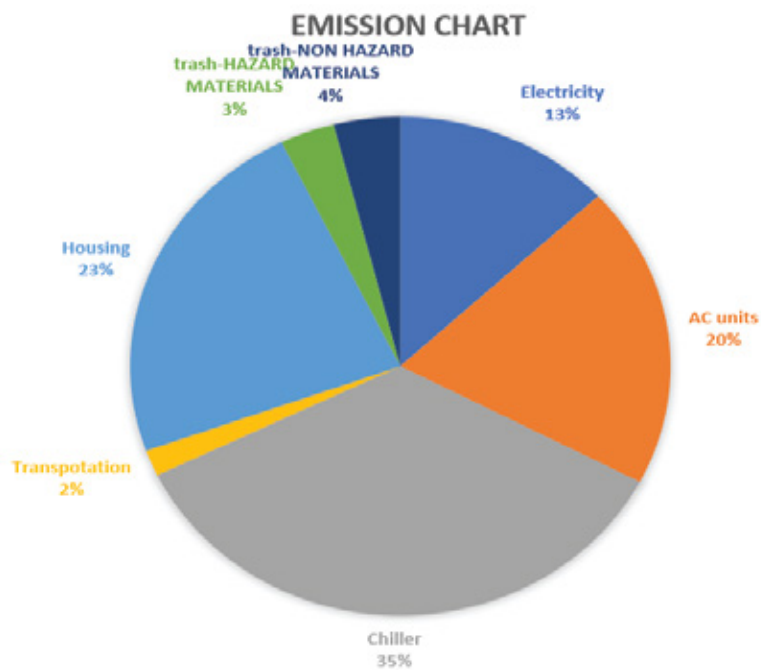
- **Power generation and Solar energy water heating**

- PV system energy generation**

E-JUST uses solar energy as a clean source for electricity generation. With the collaboration of Japanese partners, a 0.56 MW PV system has been installed in the secondary campus.



The secondary campus installed PV system



Wind energy power generation at EJUST

- **Solar energy water heating**

In the housing building, an evacuated tube solar collectors are used for solar water heating.



Solar water heating in housing buildings

- **Clean energy transportation**

E-JUST adopts a comprehensive policy aimed at reducing carbon emissions through various environmentally conscious practices. These include maintaining expansive green spaces, limiting building coverage to a small percentage of the total campus area, utilizing renewable energy sources such as photovoltaic (PV) systems, and promoting eco-friendly modes of transportation. Electric vehicles are used exclusively for internal transportation within the campus, while the use of fuel-powered vehicles is restricted. Engine-powered cars are only permitted to move and park through the designated underground tunnels and parking facilities, thereby minimizing their environmental impact on the campus atmosphere.



EJUST electric cars



EJUST bicycles

- **Ventilation and air conditioning systems**

E-JUST campus relies extensively on renewable and clean energy sources to support power generation, building ventilation, electric transportation, and other operations. Natural ventilation techniques are utilized throughout the main campus to significantly reduce electricity consumption typically required by conventional air conditioning systems. Additionally, the university employs a thermal absorption cooling system powered by natural gas in place of traditional electric refrigeration systems, further enhancing energy efficiency and minimizing the university's overall environmental footprint.



EJUST ventilation system

• Education

E-JUST offers both undergraduate and postgraduate programs in Energy Resources Engineering through the Department of Energy Resources Engineering. These programs focus on a wide range of renewable energy sources, including solar and wind power, emphasizing their role as clean and sustainable energy solutions. The curriculum covers key topics such as energy conservation, renewable energy systems, energy storage, and energy management. In addition to theoretical instruction, the department supports various research initiatives and practical projects related to energy auditing, clean energy production, and efficient energy management.

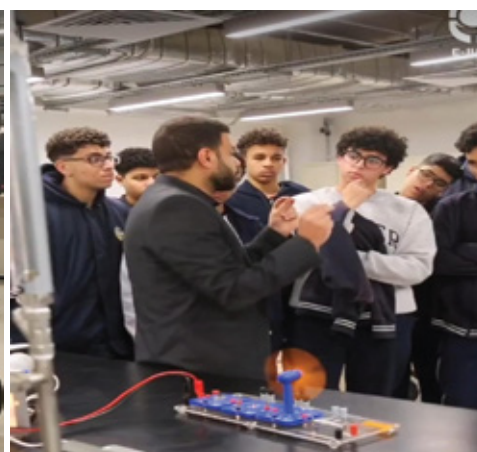
The department is also equipped with specialized laboratories, such as the Renewable and Sustainable Energy Laboratory and the Energy Management Laboratory, which are dedicated to advancing the study and application of clean energy technologies. These facilities play a critical role in guiding students toward innovative and sustainable energy solutions. Furthermore, many student graduation projects are centered on clean and renewable energy applications, such as solar-powered building ventilation systems and renewable energy-based street lighting.



Street lighting using Solar wind energy students' graduation project



Building Ventilation using solar chimney new design in students' graduation project



Children in energy activities in the ERE Department

• Research

E-JUST students and researchers are actively engaged in extensive research across various fields of clean and alternative energy. Their work spans areas such as green cooling through solar-powered sorption systems, solar-driven multigeneration systems, photovoltaics, geothermal energy, wind energy, as well as energy auditing and management. Numerous studies have been published in top-tier, high-impact journals, including Applied Energy, Renewable Energy, and Solar Energy. Additionally, E-JUST has supported and granted a wide range of theses focused on clean energy topics, including hydrogen production, renewable energy applications in buildings, desalination technologies, and other sustainable energy solutions.



Discussing the ERE PG Students research proposals with the attendance of Prof. Hamdy Abo Ali, Prof. Hidetoshi Sekiguchi, and Prof. Shinichi Ookawara

• Energy funded projects

E-JUST has secured a variety of projects funded by national and international agencies, including the European Union, Newton-Mosharafa Fund, Science and Technology Development Fund (STDF), Japan International Cooperation Agency (JICA), and the Academy of Scientific Research and Technology (ASRT). These projects focus on the utilization of renewable energy, clean energy production, and energy efficiency. Key areas of research include hydrogen production, photovoltaic energy generation, and energy-saving initiatives in buildings located in Borg El Arab, among others. Examples of such projects include:

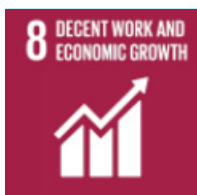
- Geothermal Energy Capacity Building in Egypt-Joint Project (Erasmus- European Union, Euros)2024-2022.
- Green Integrated Solar Fuel Production System: Two steps and Direct FT Synthesis Routs, (ASRT Share: 7,970,800 L.E)2025-2021.
- Reduction of the energy consumption of the company's hydraulic pressings (El Masrya Company, Fund100,000)2024-2023.
- Utilization of ammonia for mobility decarbonization (Egypt-China, STDF, ID46447, Fund 2,496,660 LE pounds) 2025-2023.
- Clean Energy Generation for Street Lighting and Remote Rural Electrification via a novel hybrid PV/Wind Turbine System Design”, (STDF ID46079, Fund2900500 LE)2025-2022

- **Research outcomes**

EJUST research outcomes related to energy conservation and clean energy usage have been published in high-impact journals, including Energy Conversion and Management, Renewable Energy, Energy, Renewable & Sustainable Energy Reviews, and others. Additionally, several scholars from the Energy Resources Engineering department, specializing in renewable energy, were ranked among the top %2 of the world's most cited scientists in 2024, according to Stanford University, USA.

- **Services**

The university offers various services to the industry. These services include consultations, energy-saving plans, energy audits and management strategies, installation of renewable energy projects, and more.



Goal. 8 Decent Work and Economic Growth

• Aim

To achieve a productive and rich work environment for both genders through:

- Higher levels of productivity and technological innovation.
- Encouraging entrepreneurship and job creation.
- Developing a new performance appraisal system that guarantees fair evaluation metrics.
- Encouraging the staff members to improve themselves through continuous education.

• Actions:

Number of Academic Staff (as of 30th September 2024)

Rank	Full-time	Part-time	Total
Top Management	4	0	4
Professor	42	13	55
Associate professor	34	10	44
Assistant professor	29	23	52
Total	109	46	155

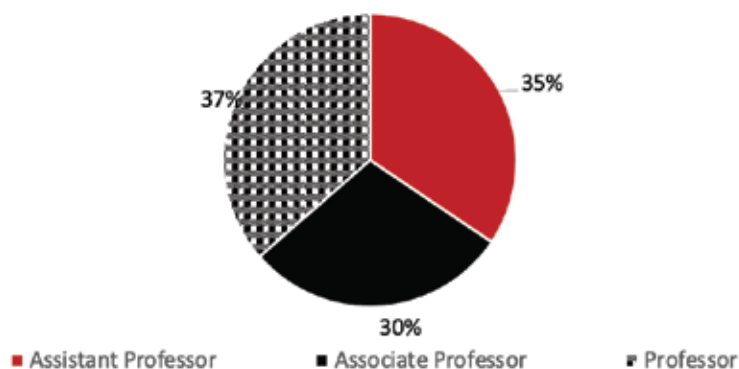
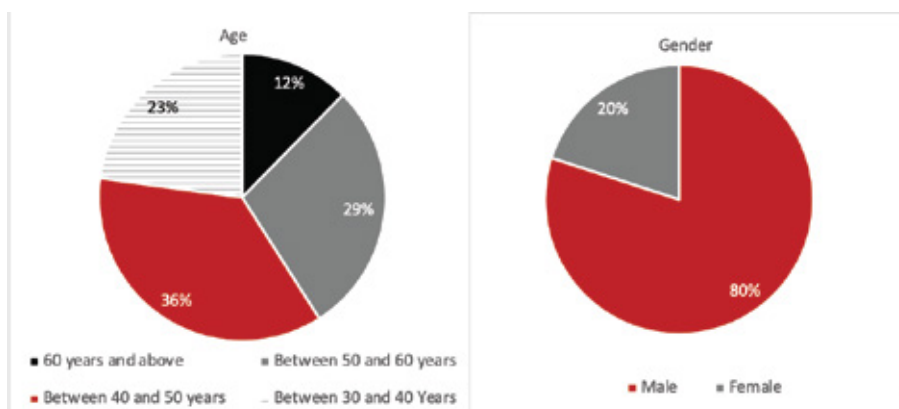


Figure 38: Ratio of Academic Staff in each Rank

Statistics of Full-time Academic Staff “Age & Gender “



Statistics of Full-time Academic Staff “Age & Gender “

Numbers do not include the university’s president and 3 vice presidents.

Academic Staff Statistics

School	Dept.	Full Time				Part-time	Supporting Staff			Overall Total
		Professor	Associate Professor	Assistant Professor	Total	Academic	TAs	Language Instructors	Lab Specialists	
E-JUST Top Management (President and 3 VPs)		4	0	0	4	0	0	0	0	4
School of Electronics, Communication and Computer Engineering	ECE	4	2	2	8	1	5	0	2	16
	CSE	1	1	3	5	4	1	0	1	11
	EPE	2	1	0	3	1	1	0	2	7
School of Innovative Design Engineering	MTR	2	3	0	5	1	5	0	4	15
	IME	3	6	2	11	3	5	0	8	27
	Aerospace	1	0	0	1	0	0	0	0	1
School of Energy Resources, Environmental, and Chemical & Petrochemical Engineering	ERE	1	2	0	3	0	2	0	2	7
	ENV	2	2	1	5	0	0	0	2	7
	CPE	2	1	0	3	1	4	0	2	10
School of Basic and Applied Sciences - BAS		11	5	0	16	5	18	0	4	43
Faculty of International Business and Humanities		2	1	12	15	6	10	0	0	31
Liberal Arts and Culture Center		6	2	4	12	3	0	16	0	31
PharmD Program		2	3	0	5	13	16	0	3	37
Sustainable Architecture		1	1	2	4	0	5	0	0	9
Computer Science and Information Technology		2	2	1	5	5	20	0	1	31
Art and Design Programs		0	2	2	4	2	4	0	0	10
ICSC		0	0	0	0	1	0	0	7	8
Total		46	34	29	109	46	96	16	38	305

E-JUST Academic Capacity

Academic staff headcount over years

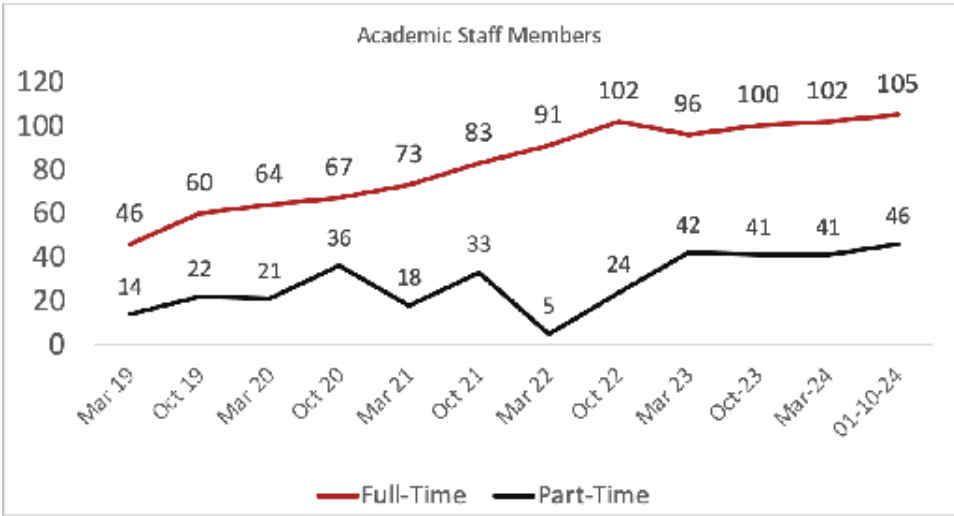
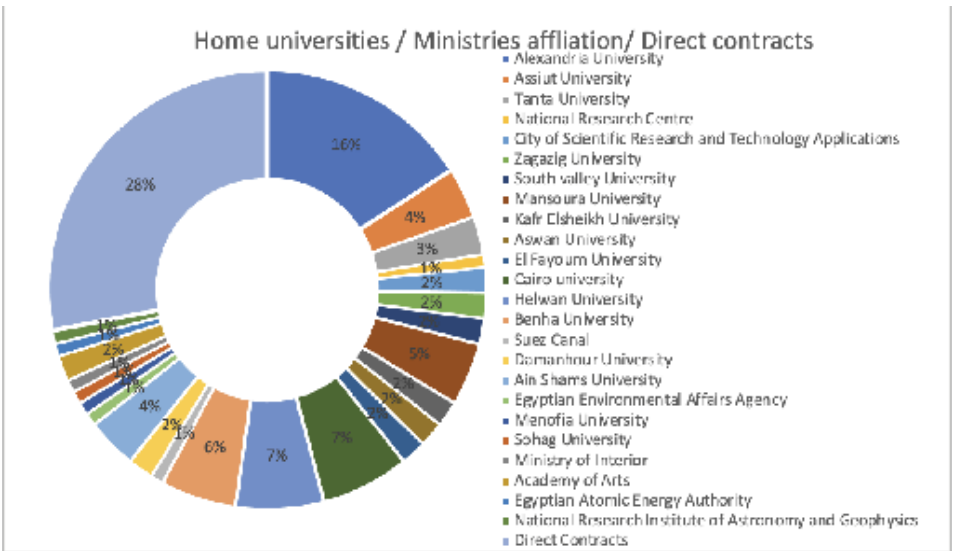


Figure 40: Academic Staff Headcount Over the Years.

Academic staff headcount over years

*The “Japanese” vice presidents are not included in the above figure.



Academic Staff's Home universities / Ministries affiliation/ Direct contracts.

The “Japanese” vice presidents are not included in the above figure.

Administrative Staff Statistics

Administrative Staff Headcount Over the Years

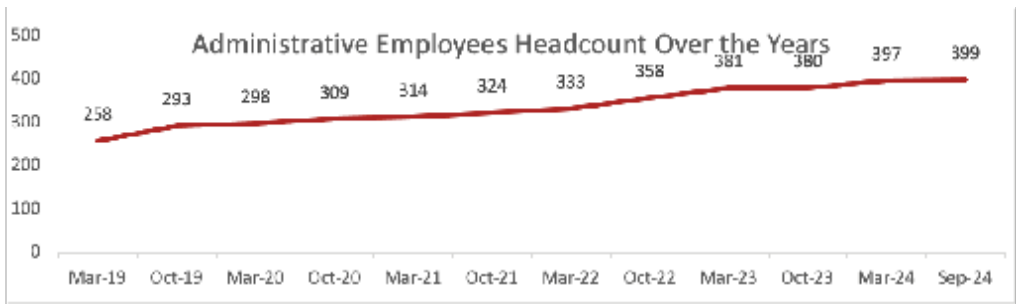
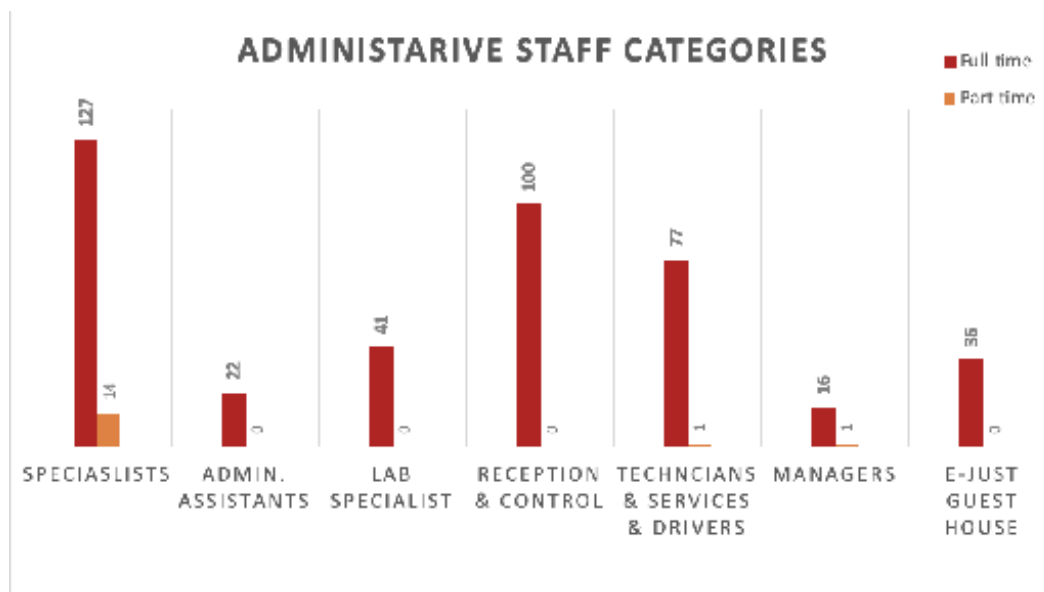


Figure 42: Administrative Staff Headcount Over the Years

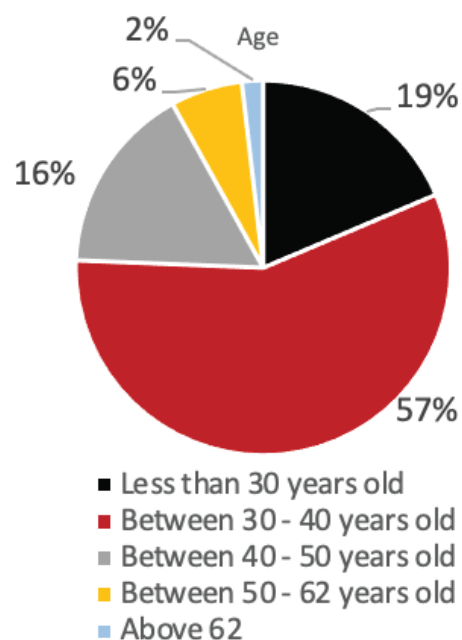
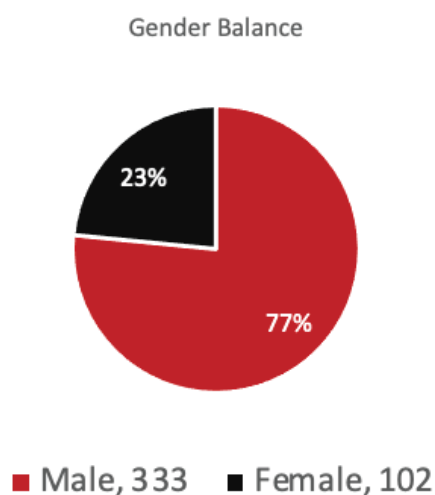
• Statistics of E-JUST Current Administrative Staff Categories (as of 30th Sept. 2024)



Administrative Staff Categories and Total Number per Category

The above figure shows the total number of Administrative Staff till Sept. 30, 2024, is 435.

Statistics of Administrative Staff “Age & Gender “



Learning & Development Section

Administrative staff Performance appraisal system Progress 2024 (Achieved – In progress)

The process for the Performance appraisal system starts with the "PAS 23 analysis result", which leads to the announcement of the "PAS 23 results". This is followed by "PAS 23 Disputes requests & Meetings", leading to the "PAS 24 Preparations" and "PAS 24 categories revisit".

The next steps involve "Open registration for training database for staff to add", "Announce the modifications to the staff", and "Update and develop PAS digitalized system with ITC", in addition to "Modify 'Services', 'R&C' rating criteria & rating guide" and "Creating a new category for language teachers. The final step in the process is to "Start PAS 24 in Dec". This systematic workflow outlines the various stages, from analyzing previous results to updating the PAS system and modifying rating criteria, all leading up to the launch of the new PAS 24 program in December.

*** Language teachers' new category:** As per the PAS 23 analysis and LACC evaluators' recommendations, the new category was developed in cooperation with LACC academic evaluators and the Director.

**** Modify “Services” and “R&C” rating criteria & rating guide:** The rating is changed from 5~ 1 to 3 ~ 1 due to the nature of their work.

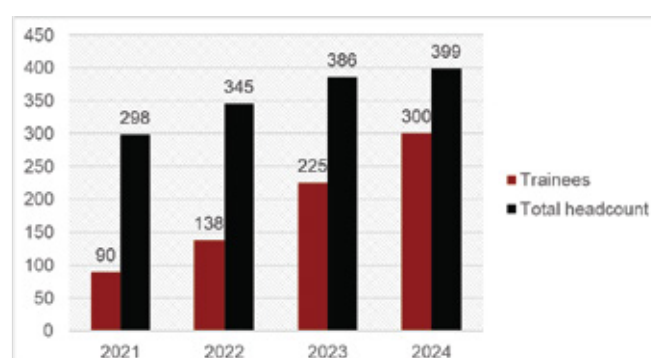
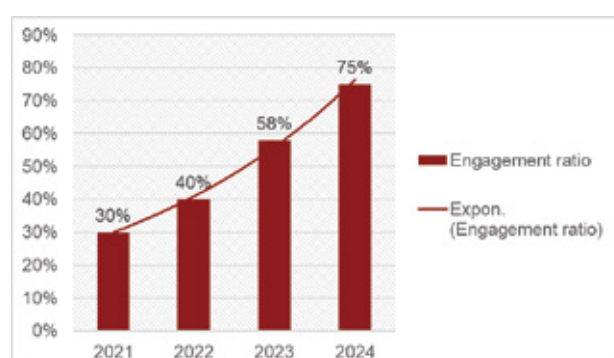


The Capacity Building Plan categories for 2024 are structured into several key categories designed to enhance employee skills and organizational effectiveness. It includes “**Orientation Sessions**” ensuring that all employees receive foundational knowledge and support as they begin their roles. The “**Development Training**” category encompasses a range of offerings tailored to specific needs. Additionally, “**Leadership Training**” focuses on essential equipping leadership roles with the tools necessary to lead effectively.

This comprehensive approach aims to foster a culture of continuous improvement and professional growth.

From 2021 to 2024, Employee engagement in the training programs at the university showed an increase. In 2021, engagement was relatively low at %30, but through consistent efforts to improve the quality and relevance of training sessions, it rose to %40 in 2022. This upward trend continued into 2023, reaching %58. With further enhancements to the training framework and employee participation, engagement in 2024 is expected to climb significantly to %75, reflecting growing interest and involvement in professional development initiatives due to EJUST management support to the capacity-building programs and staff career development.

EJUST management supported the training plan this year with a budget of around 485,000 LE.



Administrative Staff Training Plan Implementation 2024

The training plan for 2024 was developed based on a thorough analysis of the performance appraisal system (PAS) 2023 and the identified training needs across different offices.

The process begins with the PAS 23 analysis result, which provides valuable insights into the strengths and areas for improvement among employees. This data-driven approach helped us understand the specific training requirements of its workforce.

By integrating the findings from the PAS analysis with the training database and staff input, we were able to create a training plan that addresses both individual and office development needs. This collaborative approach ensures that the training offerings are tailored to the unique requirements of each office, enabling the organization to invest resources effectively and enhance the overall competence of its employees

	Training	Emp No.	Cost / LE	Offices	PAS	
					Specialized	General
1	English courses (General - Business English)	190	Free	All staff		✓
2	Presentation skills for beginners	51	Free	All staff		✓
3	Business writing	48	Free	All staff		✓
4	Fundamentals of Excel spreadsheets	46	Free	All staff		✓
5	Microsoft Word processing	45	Free	All staff		✓
6	Warehouse course	36	Funded by EJUST	Warehouse - Finance - Accounting - Guest house - Legal affairs	✓	
7	HR Management training	2	Invitation	HR	✓	
8	Office Goals Setting based on EJUST Strategic Plan 2024	64	Project	Seniors , Supervisors, Section heads and managers	✓	
9	Data Analysis	48	Funded by EJUST	Library- HR-Contracting-Student affairs-General affairs- ITU-ITC-Guest House	✓	
10	Legal aspects in suspending Employees	8	Free	HR - Legal affairs	✓	
11	First Aid	50	Funded by EJUST	R&C - Housing	✓	
12	The University Network Program of Engineering Education Development	2	JICA	CINTECH - Research promotion office	✓	
13	Enhancement Of Management and Leadership for EJUST Administration Training	5	JICA	HR - PR - Maintenance - Library - Warehouse	✓	
14	Organizing Marketing campaign	7	Funded by EJUST	PR	✓	
15	Financial and administrative audit to ensure the safety of financial and administrative performance	8		Accounting Unit	✓	
16	Program budgeting and performance and its practical applications	2		Budget Office	✓	
17	Report Writing , correspondences and presentations	22		Admin Assistants	✓	
18	Integrated skills in public relations, protocol, protocol and etiquette	13		President office sector	✓	
19	International Financial Reporting Standards (IFRS)	11		Finance Office	✓	
20	Project Management Professional (PMP)	30	Funded by EJUST	Managers - Supervision role - CINTECH - International Affairs - ITC - PMU - Maintenance	✓	
21	Foundation Certificate in Translation and Interpreting	11	Funded by EJUST		✓	
22	New Hires orientation sessions	#	Free	All staff		



Goal. 9

Industry, Innovation and Infrastructure

• Aim

Promote inclusive and sustainable industrialization and foster innovation

• Actions

Filed patents:

- 9 patents were filed in 2024.
- Total number of filed Patents from 2014 till now is 110 (National Patents: 107, US Patents: 3).
- E-JUST got its first granted patent in January 2019 with issuing number 28928.
- E-JUST got its second granted patent in January 2021 .

Grants (2024)

- The total number of grants in 2024 is 8 (4 Activated, and 3 Accepted projects and 1 closed).
- The Total budget of the 4 active projects is (4,858,782 EGP).
- The total budget of 3 accepted projects is (inside projects: 10,087,500 Yen/ outside projects: 160,000 USD)
- The total number of the Millionaire Club members:1

Millionaire Club (MC) members 2024

Project Title	Researcher Name
High Concentration Photovoltaics and Metal-Organic Framework Membranes for Zero Energy Desalination	Prof. Ahmed El-Shazly

Filed patents: 9 patents

Applicant	Patent Name	Inventor	Dept. /Program	Filing No.	Filing date	Filing Place
1 E-JUST	Synthesized biocompatible remdesivir-loaded liposomal aerosol against lung cancer	1. Hadeer Magdy Soudan 2. Prof. Mahmoud Eid Soliman 3. Prof. Ahmed Rashad FatahEl-Bab 4. Prof. Mohamed Abdel-Hady Ghazy 5. Prof. Sherif Fouad Hammad	PharmD.	EG/P/2024/49	EG/P/2024/49	EG
2 E-JUST	Slow-released remdesivir-loaded biocompatible liposomes against lung adenocarcinoma	1. Hadeer Magdy Soudan 2. Prof. Mahmoud Eid Soliman 3. Prof. Ahmed Rashad FatahEl-Bab	PharmD.	08/01/2024	08/01/2024	EG

			4. Prof. Mohamed <u>AbdEl-Hady Ghazy</u> 5. Prof. Sherif Fouad Hammad				
3	E-JUST	Fabrication of <u>high quality</u> electronic Diode	1. Prof. Mohamed El-Sayed El-Khouly 2. Prof. Mohsen A. Ghali	BAS	EG/P/2024/90	14/01/2024	EG
4	E-JUST	Novel Lightweight Eutectic High-Entropy Alloy (EHEA) as Phase Change Materials for Enhanced Energy Storage	1. Mohamed Abdel-Hady <u>Gepreel</u> 2. Godson <u>Nyaforkpa</u>	MSE/IME	EG/P/2024/212	12/02/2024	EG
Applicant		Patent Name	Inventor	Dept. /Program	Filing No.	Filing date	Filing Place
5	E-JUST	Innovative Magnetic Gear Design Incorporating Electromagnetic Coils for Variable Gear Ratios	1.Dr. Tamer Megahed 2.Prof Daaa Eldin Mansour 3.Dr. Mohamed Galal Nassef 4.Dr. Omar Abdul Rahim 5. Eng. Moataz Ahmed (Lab Eng.)	EPE EPE IME EPE EPE	EG/P/2024/577	30/04/2024	EG
6	1. E-JUST 2. Saraya Middle East for Industrial Investment J.S.C	Jojoba Oil <u>Nanoemulsion</u> for Treatment of Tinea Corporis Infection	1. Prof. Mahmoud Eid Soliman 2. Assoc. Prof. <u>Enas Elmowafy</u> 3. Assoc. Prof. Maha Hussien Ragai 4. Assoc. Prof. Sherif Fouad Hammad	Pharm D	EG/P/2024/860	26/06/2024	EG
7	1. E-JUST 2. Saraya Middle East for Industrial Investment J.S.C	Smart, economical, sustainable <u>biolubricant</u> production from jojoba oil and glycerol recycling	1. Prof. Marwa El Kady 2. Dr. Rehab Hassan 3. Dr. Ahmed El Wardany 4. Eng. Alaa Mostafa	CPE	EG/P/2024/1006	31.07.2024	EG
8	E-JUST	Warm white light emitting diode from a plant and method of making	1. Prof. Mohsen Abdelfattah Ghali 2. Fatma Saeed 3. Prof. Hassan Talaat	BAS	EG/P/2024/1345	14/10/2024	EG
9	E-JUST	Hybrid <u>Darrieus-Savonius</u> Vertical axis wind turbine equipped with building water storage tank	1. Mahmoud Hamdy <u>Abdelrazak Abdelghany</u> 2. Dr. Mohamed Emam 3. Prof. Hamdy <u>AboAli Hassan</u>	ERE	EG/P/2024/1419	27/10/2024	EG

Industry Relations (2024)

1- Consultations (1 January 2024 till 31 December 2024):

	Date	Name of Company	Title	Classification	Research Team (PI)	Dpt.	Price	Status
1	07.02.2024	Alex-Form	The Off-Grid Single-Axis Solar Tracker Project)	Industry Research Contract (R&D)	Dr. Mohamed Emam	ERE	<u>110,000 EGP</u>	Concluded
2	March 2024	Techno-Lab	Production of reference sample	Consultation	Prof. Mohamed Gebrsel	IME	20,000 EGP	Concluded
3	April	MASAR	Optimizing Operational Efficiency	Industry Research Contract (R&D)	Dr. Islam Ali	IME	50,000 EGP	First installment received
4	April	ORIENT	Develop a new design for production line of date paste	Industry Research Contract (R&D)	Dr. Wael Mahmoud	IME	80,000 EGP	Ongoing
5	01/04/2024	Raheeq	Detecting (Methoglyoxal) –MGO in Egyptian Honey and Innovate a mechanism for extracting it	Industry Research Contract (R&D)	Prof. Sherif Hammad	Pharm D	31,359 EGP	Contracts Signed, first installment received and Ongoing
6	01/04/2024	HappyCo	Valorizing Crawfish waste and rationalizing energy and waste uses	Industry Research Contract (R&D)	Prof. Sherif Hammad	Pharm D	94,096.80 EGP	Ongoing
7	01/04/2024	Engineering Company	Optimizing Operational Efficiency For Masar Company in Alexandria	Industry Research Contract (R&D)	Dr. Islam Ali	IME	<u>995,352.00 EGP</u>	Contracts Signed and Ongoing
8	01/04/2024		Develop a new design for production line of date paste	Industry Research Contract (R&D)	Dr. Wael Mahmoud	IME		Contracts Signed and Ongoing
	Date	Name of Company	Title	Classification	Research Team (PI)	Dpt.	Price	Status
			for Orient Company					
9	01/04/2024		Detecting (Methoglyoxal) –MGO in Egyptian Honey and Innovate a mechanism for extracting it for Raheeq company	Industry Research Contract (R&D)	Prof. Sherif Hammad	Pharm D		Contracts Signed and Ongoing
10	01/04/2024		Valorizing Crawfish waste and rationalizing energy and waste uses for HappyCo	Industry Research Contract (R&D)	Prof. Sherif Hammad	Pharm D		Ongoing

01.08.2024	Al Amryaa for Glass	"Efficiency of the rapid cooling process during thermal processing of glass"	Consultation	Prof. Mohamed Genril	IME	60500 EGP (including Tax)	On going: First installment has been transferred 30,250 <u>LE</u>
08.08.2024	SIDPEC	Measuring the electromagnetic waves in SIPDEC	Consultation	Dr. Tamer Megahed Prof Diaa Mansour	EPE	15,000 EGP	Proposal sent and accepted by the company
21.08.2024	E-LAB	Assessment of the Lightning Protection System	Consultation	Dr. Tamer Megahed Prof Diaa Mansour	EPE	25,000 EGP	Proposal sent and accepted by the company
2024	Testing and Analysis	Different E-JUST Labs				108,751 EGP	Concluded

List of incubated Start-Ups at E-JUST

The E-JUST Incubator has a total of 11 companies, 4 created in 2024 as follows:

- 1- AXIS brake.
- 2- LogicGym Limited.
- 3- Trophy
- 4- AAA TECH
- 5- Mvision
- 6- Micro -Fluidics Ware
- 7- Cubex
- 8- Quant.Tech
- 9- Code crafters Solutions
- 10- Axis Brake systems
- 11- Blue Light

Startups created in 2024:

No	Company name	Date
1	AAA Technology	3/1/2024
2	Code crafters Solutions	29/9/2024
3	Axis Brake systems	25/3/2024
4	Blue Light	12/3/2024

Industry Training Unit Activities (January 2024 – December 2024)

Training Courses:

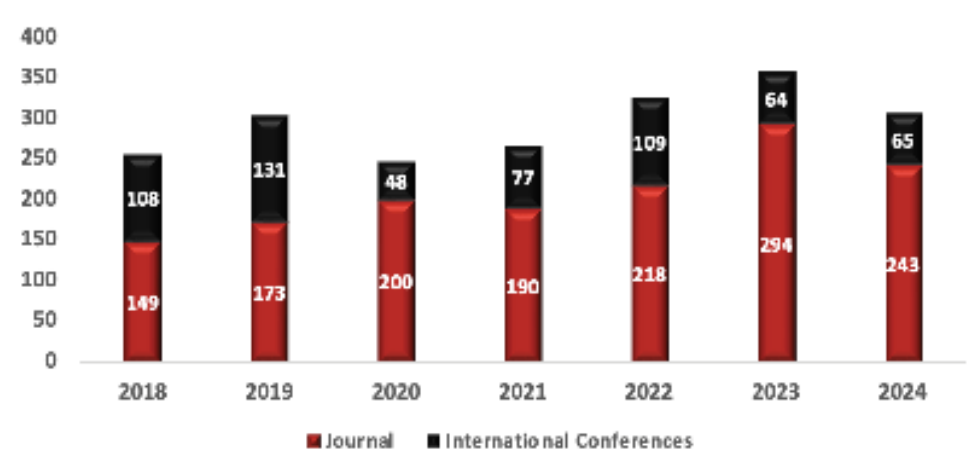
Date	Company	Course Name	Revenue (EGP)
March	Ezz Steel	Metallurgy for <u>Non-Metallurgists</u>	50,000
April	Elaraby Group	Process Mapping and Time Study	150,000
September	Online	AI and CAT Tools	19,500

Research

As a research-focused university, E-JUST is committed to offering a world-class, research-driven educational environment. This commitment is evident in the number of publications produced by E-JUST faculty members and students, as detailed below:

Paper Publication

Journal & International Conferences:



Number of E-JUST's Publications in Journals and International Conferences per Year

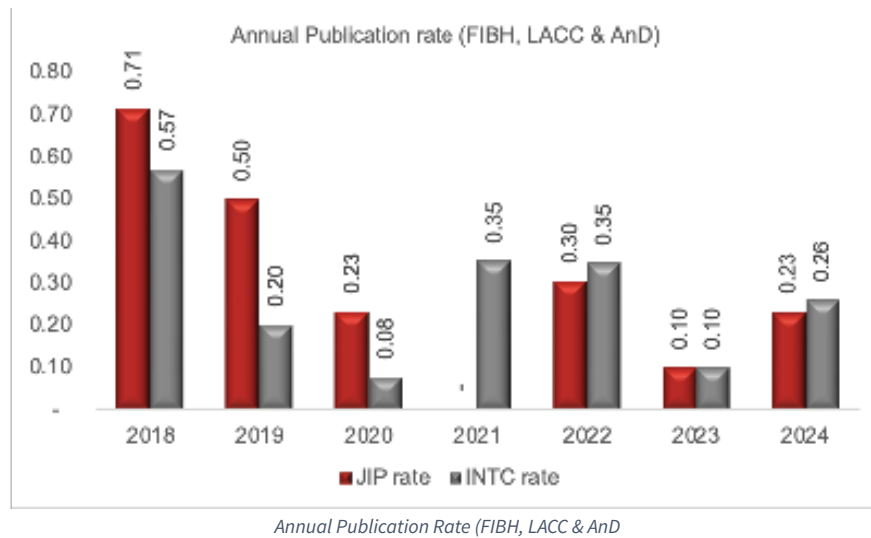
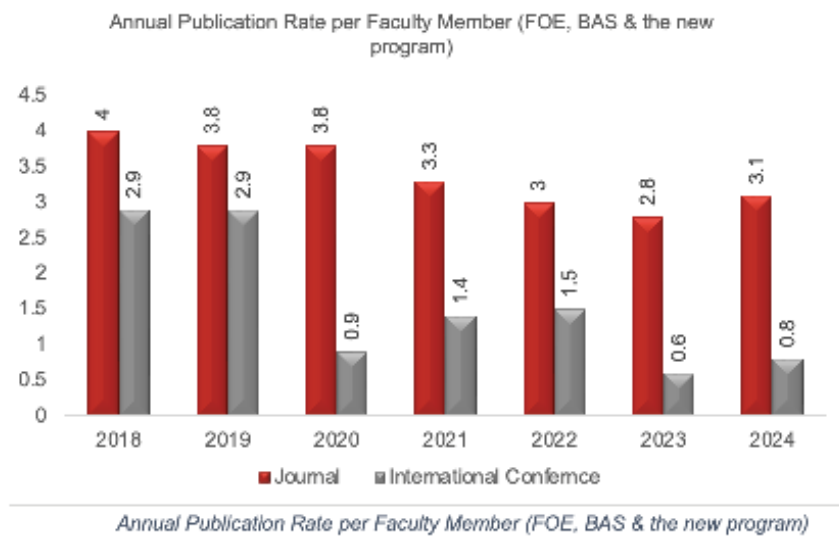
- The chart shows data until September 2024
- Only impacted Journals and International Conferences are included.
- Total number of International Conferences
- Rank S or A = 45 in (% 70) 2024
- Total number of Impacted Journal Q1 or Q2 = 2 in (%87) 2024
- Papers of the other programs are included - 4 Impacted Journal - PharmD during 2024

Journal (Q1 & Q2) and International Conferences (S & A):



Number of E-JUST's Publications in (Q1 & Q2) Journals and (S & A) International Conferences per Year

- The chart shows data until **September 2024**.



Journal Publications per School / Department:

Table 2 Journal Publications per School / Department

Year	IDE				ECCE			EECE			BAS	FIBH	LACC	Other Programs	Total
	MTR	IEM	MSE	ASE	ECE	CSE	EPE	ERE	ENV	CPE					
2018	10	12	26		14	17		27	15	13	15	5	0		154
2019	20	8	23		21	6		35	23	15	22	4	1		178
2020	14	9	30		25	7	5	39	26	33	33	3	0		300
2021	10	13	29		21	4	4	34	15	7	53	0	0		190
2022	12	8	14		16	4	15	27	33	20	54	3	4	15	225
2023	21	36			14	1	21	43	33	12	69	3	0	12	397
2024	12	11	10	2	13	4	21	31	36	9	71	9	1	21	253
Total	99	99	122	2	124	43	66	236	183	99	346	27	5	48	1500

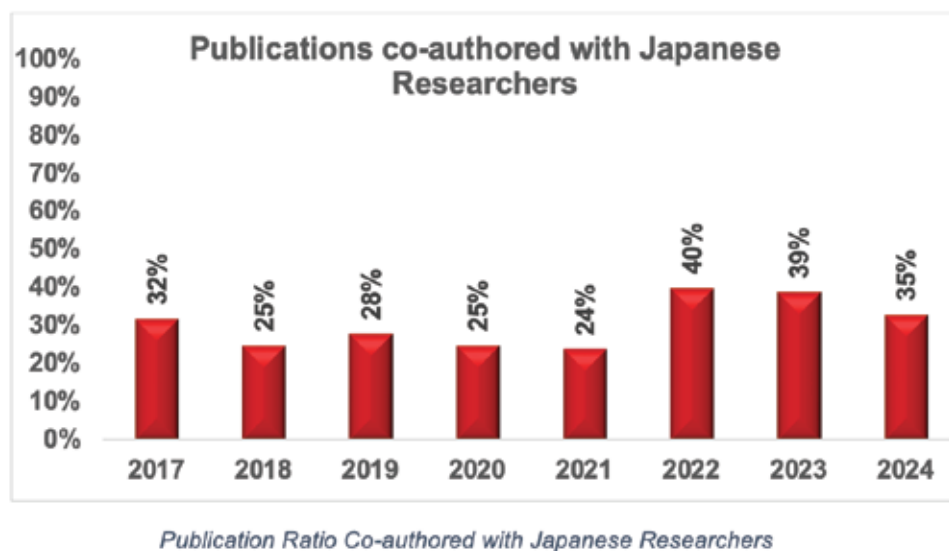
- The above table shows data until **September 2024**.

International Conference Publications per Department:

International Conference Publications per Department

Year	IDE				ECCE			EECE			BAS	FIBH	LACC	Other Programs	Total
	MTR	IEM	MSE	ASE	ECE	CSE	EPE	ERE	ENV	CPE					
2018	14	7	7		14	15		9	12	5	5	4			112

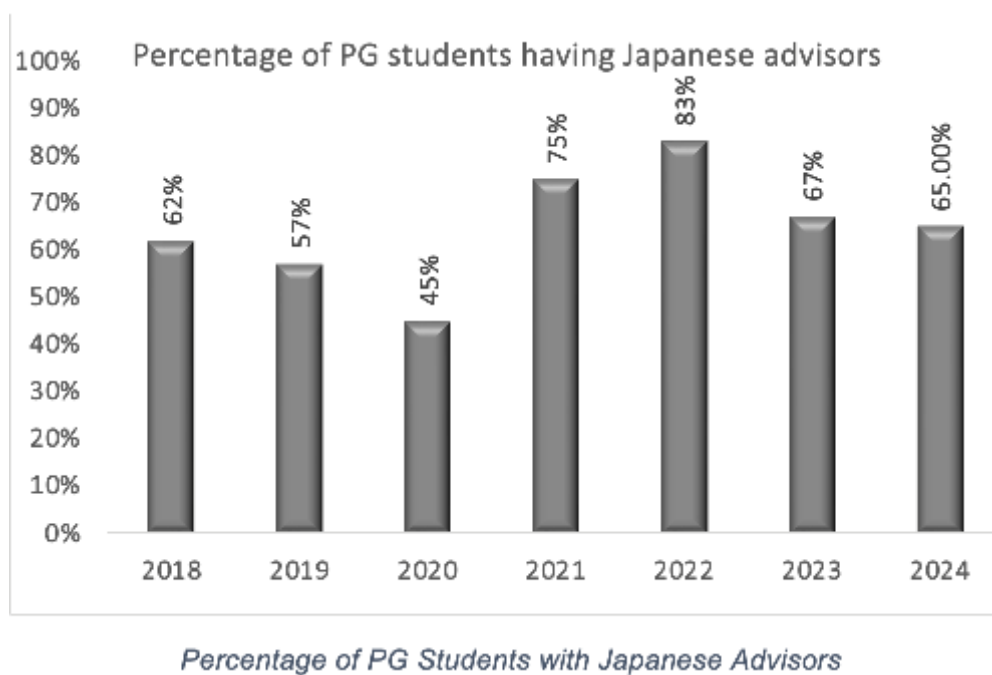
2019	19	13	8		17	7		28	15	12	12	2			133
2020	6	1	2		2	2	4	11	4	12	4	1			48
2021	1	8	10		13	2	3	11	13	3	13	3	3		80
2022	11	6	7		17	1	11	24	12	6	15	7	1	4	117
2023	10	9			3	3	13	1	11	5	5	2	0	4	66
2024	6	0	4	1	17	0	4	10	2	0	15	6	2	4	73
Total	69	44	38	1	98	31	35	93	69	43	69	28	6	17	633



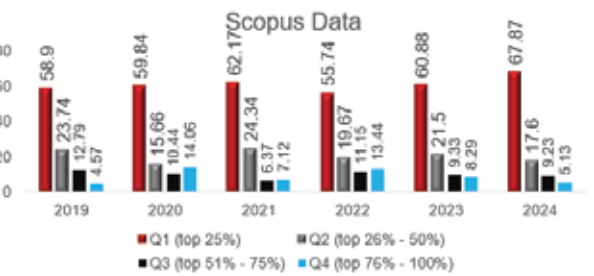
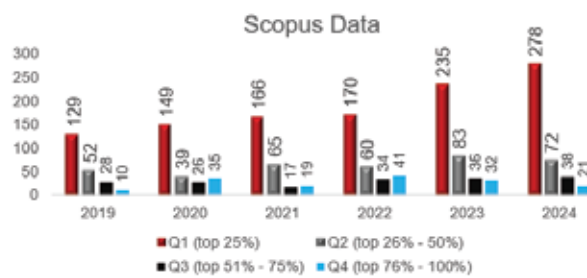
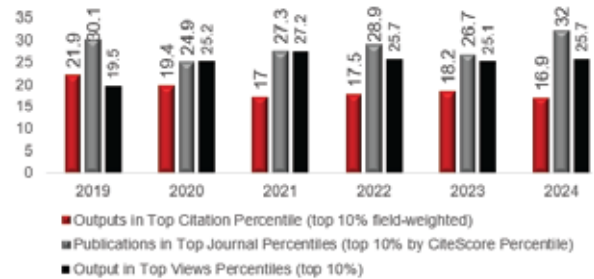
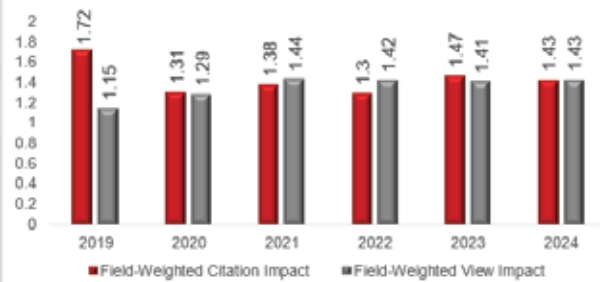
- The chart shows publication rate co-authored with JCU members from 2018 to September 2024.
- Both Journals & International Conferences are included.

PG Student Advisors from JCU Members

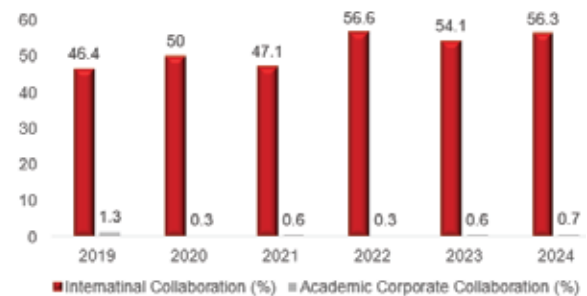
JCU members serve as advisors to PG students to help with research and give advice when needed.



SciVal Clarivate Indicators



SciVal Clarivate Indicators





Goal. 10 Reduced Inequalities

• Aim

One of the main goals of E-JUST is reducing inequalities and ensuring that no one is left behind, which is an integrated aspect of achieving Sustainable Development Goals. Minimizing inequalities in income, access to services, and opportunities based on age, gender, religious or social background.

• Actions

Current Number of E-JUST International Students

The following table shows the current number of E-JUST international postgraduate students, mainly 44 TICAD7 scholarship students, 6 from the TICAD8 scholarship, and 1 student of the Toyota Tsusho Scholarship. The following tables show the number of international students in each department and the numbers of each nationality.

Faculty of Engineering and Applied Sciences	34
1- Electronics and Communications Engineering	6
3- Mechatronics and Robotics Engineering	2
4- Industrial Engineering and Systems	1
5- Materials Science and Engineering	5
6- Energy Resources Engineering	5
7- Environmental Engineering	8
8- Chemicals and Petrochemicals Engineering	2
9- Electrical Power Engineering	5
Institute of Basic and Applied Sciences (BAS)	16
1- Nanoscience	3
2- Biotechnology	2
3- Energy Materials	5
4- Space Environment	6
Faculty of International Business and Management (FIBH)	1
Management & Organizational Behavior	1
Total (FOE+BAS+FIBH)	51

Number of Current International Students

No.	Nationality	No. Students
1	Uganda	12
2	Ghana	10
3	Nigeria	10
4	Kenya	6
5	South Sudan	4
6	Malawi	3
7	Tanzania	2
8	Rwanda	2
9	Liberia	1
10	Sierra Leone	1
Grand Total		51

Nationality of Current International Students

The following tables present the status of E-JUST international postgraduate students who have successfully graduated and earned their degrees. This reflects the fulfillment of TICAD7 objectives and mandate. With the continuation of TICAD8 scholarships, E-JUST remains committed to enhancing its admission criteria and procedures for Ph.D. applicants, while also advancing the overall monitoring and support system for all international students and alumni.

FoE		BAS	
1- ECE	13	1- NAN	3
2- CSE	6	2- BIO	9
3- MTR	12	3- ACM	2
4- IME	4	4- EME	2
5-MSE	17	5- SEN	4
6- ERE	10		
7- ENV	15		
8- CPE	11		
9- EPE	4		
Grand Total (FOE+BAS) → 112			

Nationality	No.
Ghana	26
Uganda	22
Nigeria	21
Kenya	15
Zimbabwe	7
South Sudan	6
Malawi	6
Tanzania	3
Cameroon	3
Rwanda	2
Zambia	1
Grand Total	112

International Graduates and Nationalities

AUF South-South Mobility Program for Doctoral and Post-Doctoral Research in the field of the Artificial Intelligence

As part of the 3rd edition of the South-South Mobility Program, aimed at doctoral and post-doctoral students from Southern countries across various disciplines, the AUF offers financial support to post-doctoral students and researchers for a period of 2 to 3 months during their stay at an AUF host institution. For 2024, E-JUST received a call for mobility on the topic of "Artificial Intelligence," with five applications submitted to the Computer Science and Engineering Department and CSIT for screening and evaluation. The process was led by Dr. Rami Zewail, Chairperson of Computer Science Engineering, who served as the assigned coordinator.

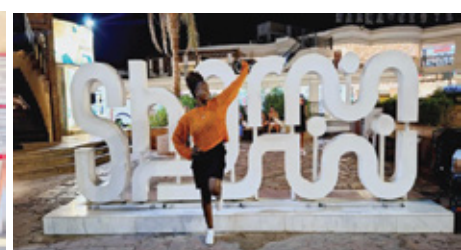
The selected applicants who passed the interview and were accepted at E-JUST for the mobility are as follows;

Applicant Name	Gender	Nationality	Degree	Duration
Mamadou Jean Baptiste Niassy	Male	Senegal	PhD student	Oct – Dec 2024
Kameni Homte Jaurès Styve	Male	Cameroon	Postdoc	Jan – March 2025

applicants who passed the interview and accepted at E-JUST for the mobility

E-JUST organized a Summer Trip for International Students to Sharm Elsheikh

As part of E-JUST's commitment to enhancing the social experience of its international students alongside their academic life, the university organized a subsidized summer trip to Sharm El Sheikh for 4 days and 3 nights (full-board, soft all-inclusive). Thanks to the support of E-JUST's top management, %80 of the trip's cost was covered per student, with only %20 required from the students themselves. This initiative saw strong participation, with 55 international students joining the trip. Following its successful conclusion, the ISA sent an appreciation email to the RIA office and E-JUST's leadership, recognizing the trip's success and impact.



Triangular Study Abroad Program

Participation in Activities under the Triangular Study Abroad Program for Reciprocal Partnership with North and Sub-Saharan Africa by Hiroshima University (HU)

As part of E-JUST's participation in the Inter-University Program with Hiroshima University (HU), RIA received invitations from the [e-START Program] for E-JUST's national and international undergraduate and postgraduate students to apply for and be nominated to attend HU's online courses.

Since the courses are part of an international student exchange program between the partner universities in Africa and HU, one course-attendee has a chance to participate in a student exchange opportunity at Hiroshima University (1 student to be selected by E-JUST).

HU offered three different online courses to E-JUST (UG&PG) students:

Course Title	Date	No. of E-JUST Participants
Peace and SDGs	05 August – 03 September 2024	5 students (UG/PG)
Introduction to International Cooperation	13 February – 05 March 2024	8 students (UG/PG)
Disaster Resilience and Community Health: Learning from Multiple Countries' - Experience and	20 February – 29 March 2024	8 students (UG/PG)

Table 21 E-JUST Received Online Courses

In addition, one UG CSIT student was accepted as a special auditing student at Hiroshima University (Student Exchange) for 6 months from October 2024 till March 2025. Hence, participating in the offered online courses is considered a valuable opportunity for students to broaden their knowledge and enhance their academic experience beyond their studies at E-JUST.



Yokogawa Electric Middle East and Africa Intensive Online Training Course and Internship in Bahrain

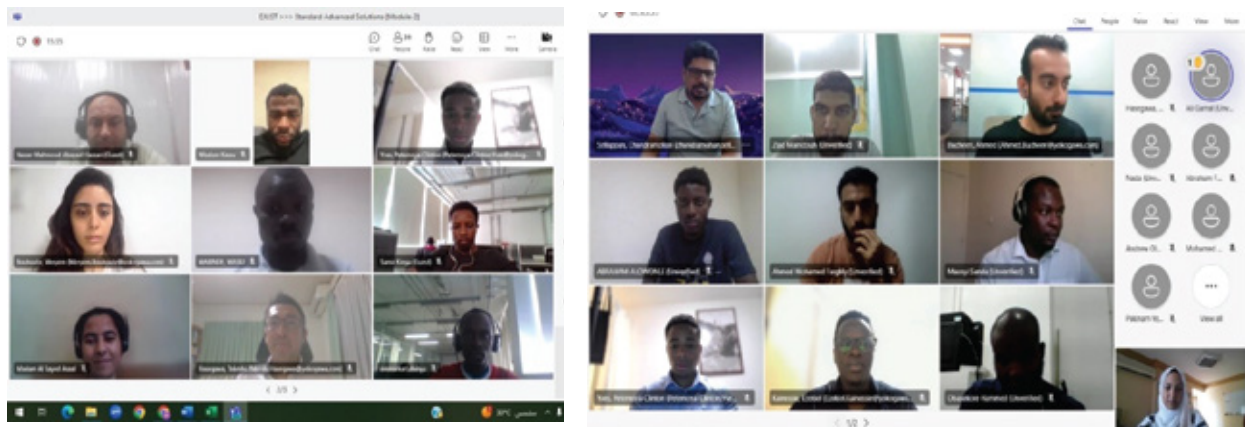
In accordance with the cooperation agreement between E-JUST and Yokogawa Middle East & Africa, an intensive online 3-day training course was conducted by Yokogawa from July 9 to July 2024 ,11. In addition, participants who attended this course were eligible for potential selection to undergo a 4-month physical training program at Yokogawa in Bahrain. The courses were offered for E-JUST students; specifically, for E-JUST's:

- 4th and 5th year FOE undergraduates
- 4th-year CSIT undergraduates
- FOE & BAS master's students and alumni

Thus, a total of 35 students attended the training course and received digital completion. As for the internship opportunity, the successful candidates who were able to pass the interview and get accepted for the physical internship opportunity in Bahrain are as follows;

Student Name	Program - Major	Status	Nationality
Yomna Emad Abdelkarim	Mechatronics Engineering -	Undergraduate Alumni	Egyptian
Brayan Ricky Ambuli Etemesi	Electrical Power Engineering -	M.Sc. International	Kenyan
Duku Simon Sebit Augustine by Disasters	Environmental Engineering - FOE	M.Sc. International Alumni	South Sudan

Table 22 Yokogawa Internship





Goal. 11

Sustainable cities and Communities

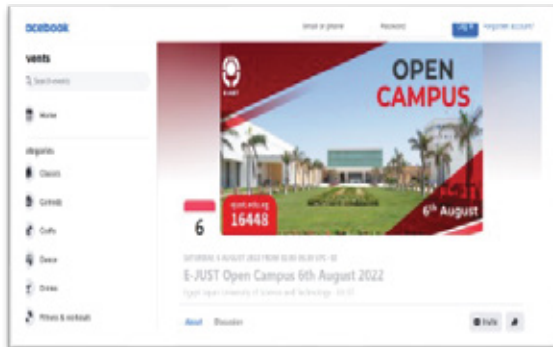
• Aim

Make Cities and Human Settlements inclusive, Safe, Resilient and Sustainable

This report aims to outline the progress made in the year 2024 toward achieving Sustainable Development Goal 11 (SDG 11): Sustainable Cities and Communities, specifically focusing on the development of Egypt-Japan University of Science and Technology (EJUST). The university has implemented sustainability initiatives, including the adoption of green building standards, increased reliance on renewable energy sources, and advanced water conservation techniques to promote long-term ecological balance.

• Actions

- *Public Access to the ancient Egyptian obelisk replica landscape on the secondary campus* With reference to the vast



E-JUST organizes “open Campus” days for the public to explore the campus facilities.

<https://www.facebook.com/events/egypt-japan-university-of-science-and-technology-ejust/e-just-open-campus-6th-august-2022/816988136351405/>

<https://www.youtube.com/watch?v=uRoYsFV-8JU&t=114s>

-*Public access to the green landscape on the main campus*

In 2024, EJUST focused on the development and maintenance of gardens by:

- 1-incorporating native plant species in the gardens to support local biodiversity and ecosystem services.
- 2-Implementing Water-efficient irrigation systems to minimize water wastage in the gardens.



EJUST Gardens

-Enhancing the expansion of buildings within the main campus.



- Projects to preserve culture

Egypt Japan University recognizes the significance of preserving and promoting cultural heritage as an integral part of its educational mission. In line with this commitment, the university has embarked on various projects aimed at safeguarding and celebrating the rich cultural traditions of both Egypt and Japan.



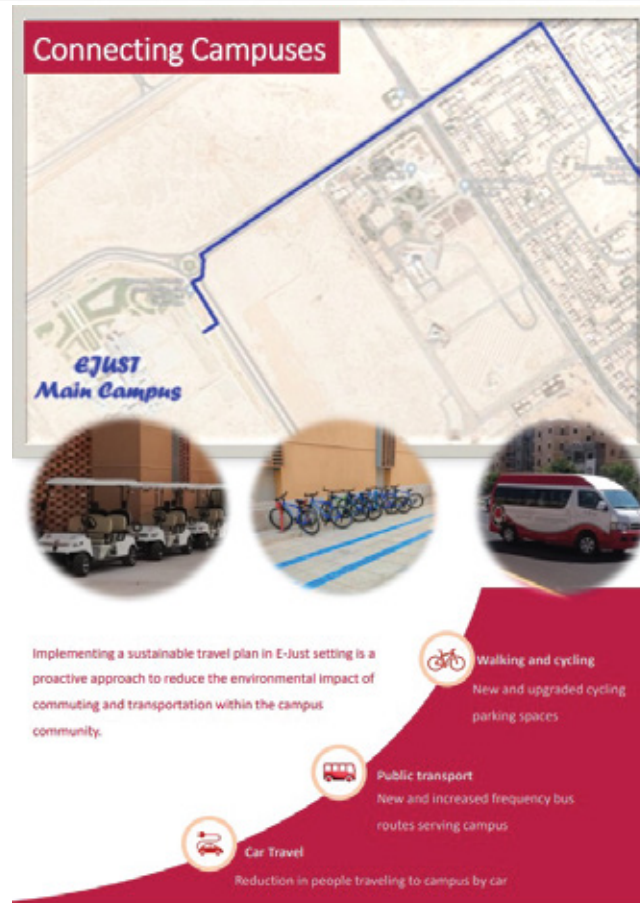
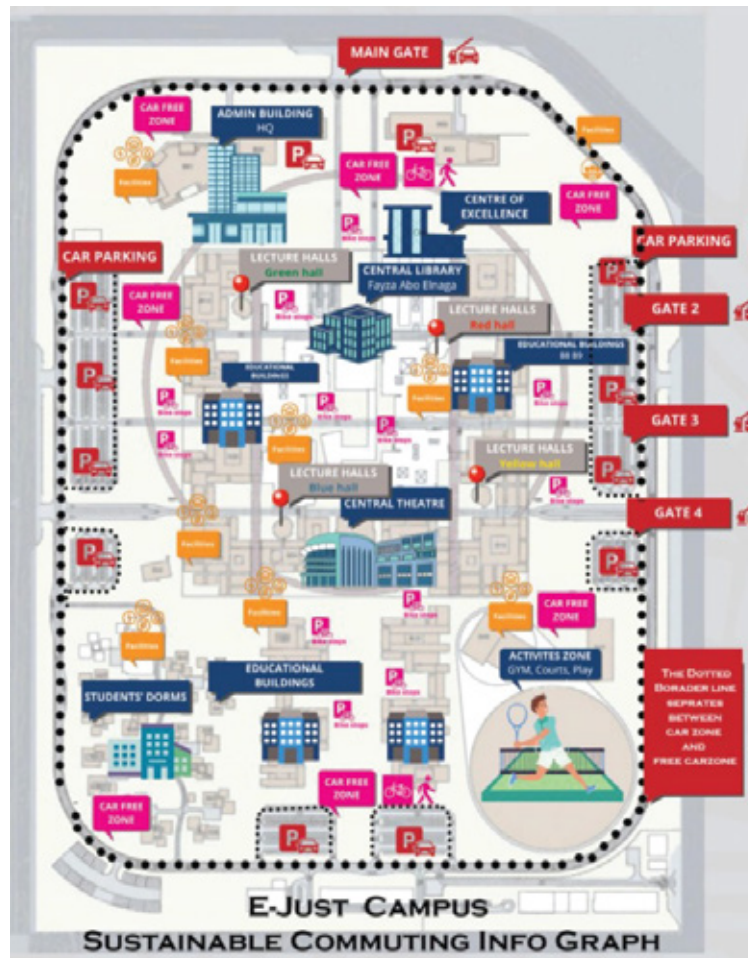
- Product Design Exhibition “Japanese Design Today 100”

Dr. Ahmed Romouzy and Dr Amal Refaat were invited by the Japan Foundation to attend the “Japanese Design Today 100” exhibition at AUC Tahrir Campus. Through the exhibition, there were approximately 100 outstanding products in the area of product design, from among the new Japanese design products created since 2000. In addition to designs that reflect people's lifestyles, tastes, and designs for systems and services which have been attracting attention in recent years, to show the latest trends and characteristics of Japanese design

Link: <https://lacc.ejust.edu.eg/>



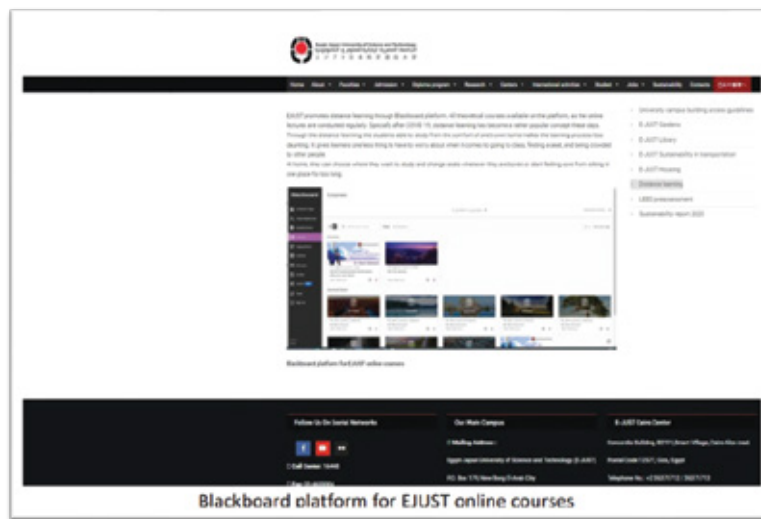
-EJUST sets targets for more sustainable commuting (walking, cycling, electric cars) by dedicating bike lanes all over the campus and between secondary and main campuses and preparing a guidance info graph for the campus





Electric cars for more sustainable commuting

-Blackboard platform for EJUST online courses



Affordable housing for E-JUST EMPLOYEES as the university is going to establish a new housing compound in the main campus. The new housing will accommodate about 1700 employees and students. The new dorm was designed based on the sustainability vision (energy efficiency building, clean mobility, %75 green areas)



Site plan



Old Dorms

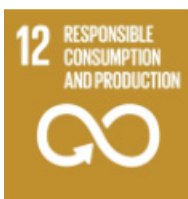


New Dorms

- *To improve the thermal comfort in outdoor spaces which reduces heat stress and supports public activities, shades were added to multiple spaces in the main campus*



Shaded areas in the main campus



Goal.12

Responsible Consumption and Production

• Aim

Ensure sustainable consumption and production patterns

• Actions

On 2024-7-7, Prof. Mona Gamal Eldin has been invited as a speaker in a workshop titled “Circular Economy: Agricultural Waste Management” during the Arab Forum for Circular Economy and Green Growth held in Bibliotheca Alexandrina.

Providing courses related to solid waste management and technologies to both undergraduate and graduate students

No	Course name	Course code	SDG 12 relevance
1	Fundamentals of Environmental Engineering	ENV 312	Materials and Energy conservation
2	Municipal solid waste	ENV 316	Municipal solid waste recycling, and energy recovery
3	Urban Development and Environmental Planning	ENV 323	Infrastructure planning, waste and recycling,
4	Sustainable design and technologies in buildings	ENV 412	Energy saving strategies and building environmental design
5	Clean production Technologies	ENV 421	Student tries to identify options to minimize waste and emissions out of industrial processes through source reduction strategies
6	Natural Resources and Sustainability	LRA 306	Achieve the environmentally sound management of chemicals and all wastes throughout their life cycle, in accordance with agreed international frameworks, and significantly reduce their release to air, water and soil in order to minimize their adverse impacts on human health and the environment

Research metric details for SDG 12: Responsible Consumption and Production

3/11/25, 9:04 AM

Times Higher Education (THE) Impact Rankings - SciVal

Research metric details for SDG 12: Responsible Consumption and Production ✕

THE Impact Rankings 2024 · Egypt-Japan University of Science and Technology

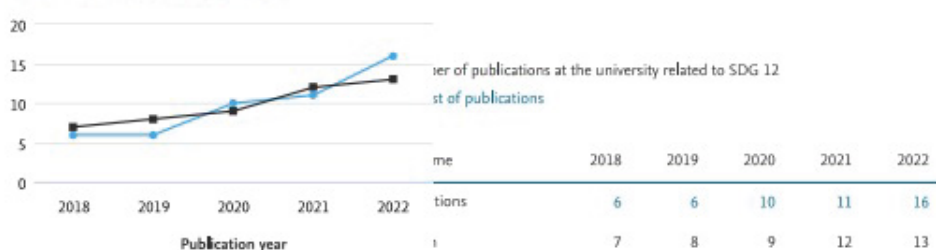
[Metric guidance](#) [Export](#)

[Add to Reporting](#)



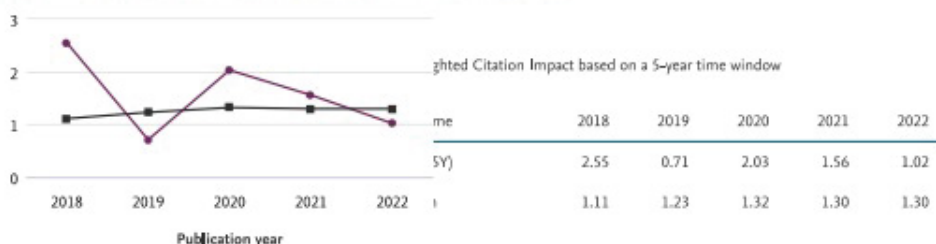
Scholarly Output (THE)

[Add to Reporting](#)



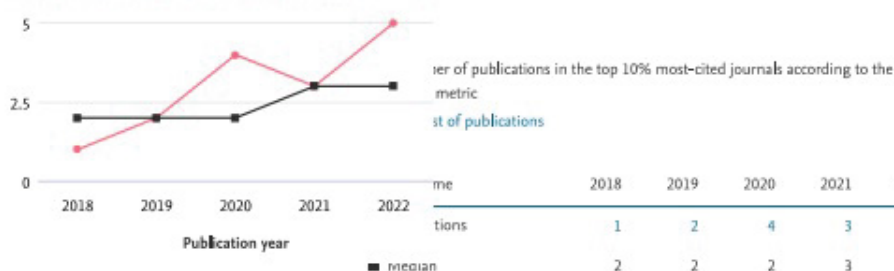
Field-Weighted Citation Impact - 5 Year (THE)

[Add to Reporting](#)



Output in Top 10% Journals (THE)

[Add to Reporting](#)



More SDG analysis options in SciVal

[Analyze all of the university's SDG 12 publications >](#)

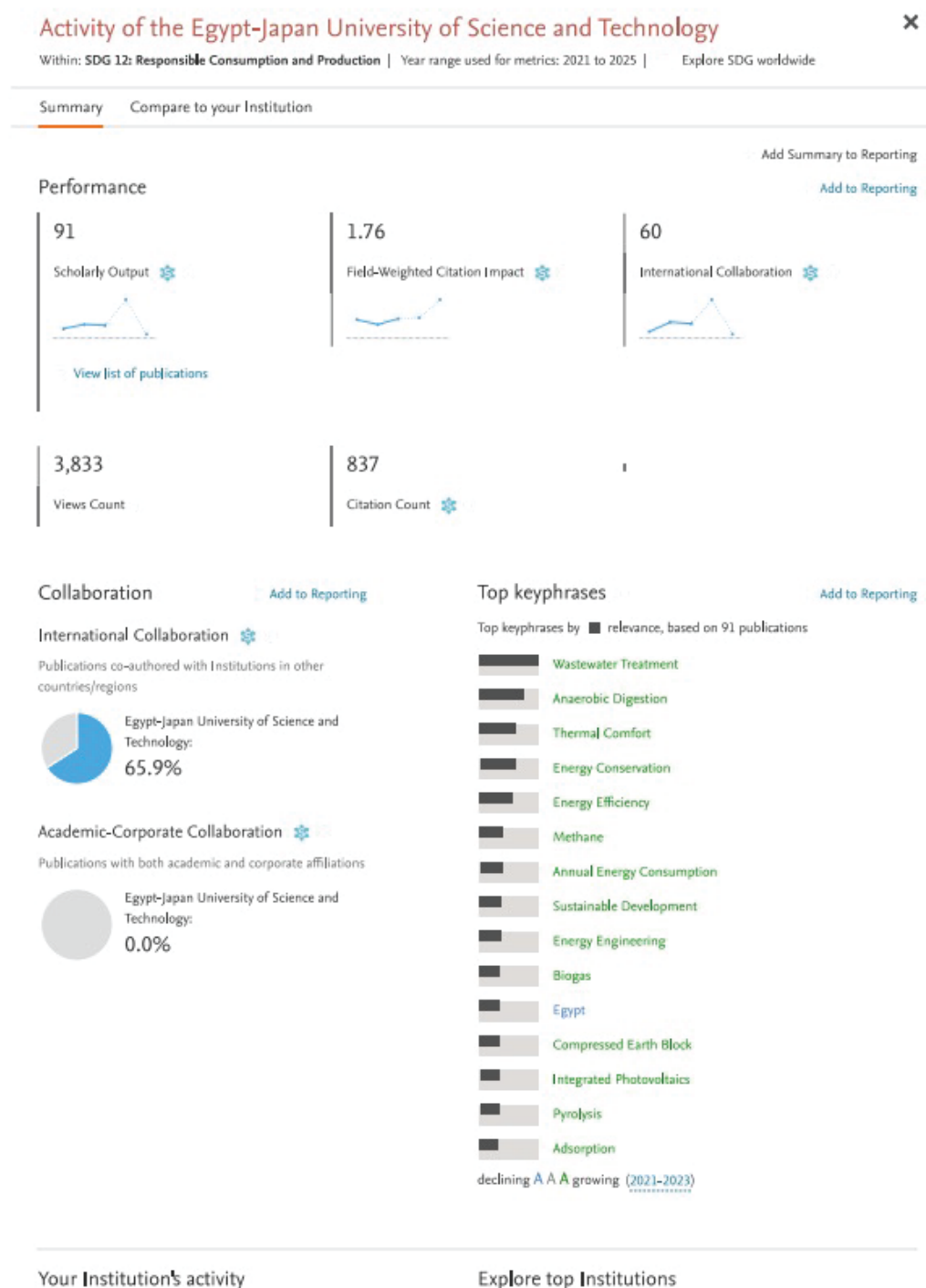
[Analyze the full SDG 12 Research Area in Explore >](#)

<https://www.scival.com/overview/ranking/the/impactRankings?uri=Institution/714057>

The activity of Egypt-Japan University of Science and Technology Within SDG 12: Responsible Consumption and Production:

3/11/25, 9:09 AM

SDGs - SciVal



<https://www.scival.com/overview/sdg?uri=Institution/714057>



Goal.13 Climate Action

• Aim

No country has been able to escape the negative impacts of climate change, all of which have led to detrimental consequences. Over the past 30 years, greenhouse gas emissions have risen significantly, and global warming is causing lasting changes to our climate system, posing the threat of irreversible damage if we do not take decisive action. Therefore, the university's goal is to reduce greenhouse gas emissions by utilizing clean energy resources and avoiding technologies that rely on harmful emissions.

• Actions

Climate change is advancing more rapidly than our response. In recognition of this, E-JUST has identified the urgent need for a sustainable development plan to address the challenges posed by global climate change. The plan primarily focuses on four key pillars: Operation, Research, Education, and Consultancy.

• Operation

In collaboration with the Ministry of Environment, EJUST has installed an environmental pollutants monitoring station. Additionally, the university has implemented several initiatives to reduce the impact of greenhouse gas emissions, global warming, and carbon emissions. For instance, EJUST uses electric cars on campus to minimize the use of conventional engine vehicles. The university also promotes cycling by installing dedicated bike lanes on the main campus and offering loans to students for purchasing bicycles. Furthermore, the introduction of clean energy has been supported through the installation of a solar electricity generation system, following a grant agreement signed on February 11th, 2010. This system generates 560 kW of solar energy, with JICA providing a grant of 970 million Japanese Yen to the Egyptian government for the project.

EJUST's main campus features expansive green spaces, covering over %50 of the area, with approximately 27 acres currently dedicated to greenery. These areas serve as important spaces for relaxation and contribute to the surrounding environment. The northern gardens are open to the public daily until 5:00 PM.



EJUST Planet for emissions measurements



The green areas in E-JUST



Roads for bicycles



Electric cars



Bicycles in E-JUST

- **Education**

As part of its ongoing environmental initiatives to raise awareness among children about climate change and ecological footprints, Prof. Mona Gamal El-Din Ibrahim, Dean of the EECE, hosted a workshop titled “Ecological Footprint.” The workshop aimed to teach children, in a simple way, how to calculate their carbon footprint—their individual contribution to CO2 emissions and its impact on the environment and climate change.

The workshop was part of E-JUST's involvement in the annual Children's University activities, organized in collaboration with the Academy of Scientific Research and Technology (ASRT). During the session, children engaged in various activities to learn how to reduce their carbon footprint by managing their consumption of energy, water, and food.

Over 50 children participated, working in seven groups. They calculated their individual carbon footprints based on their daily activities and proposed recommendations for reducing their impact. The children also discussed how they would share this knowledge with their families and friends and spread the message throughout their communities. The participants expressed their excitement about the workshop and the valuable information they gained.



Prof. Mona Gamal Eldin has been invited as a speaker and gave a session on "Climate and Sustainability" in the Governance, Risk, Compliance GRC Summit Egypt 2024 held from 13 to 17 February 2024 in Sharm Elsheikh, Egypt.

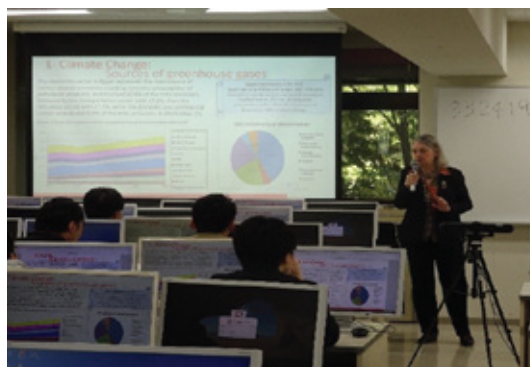


A Visit to Ritsumeikan University”

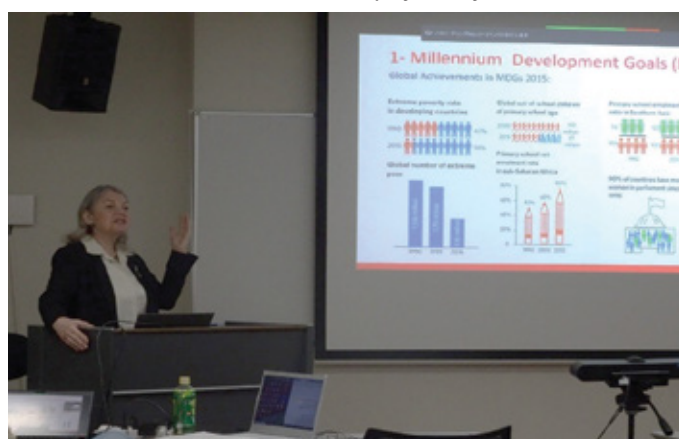
Prof. Mona Gamal Eldin - Dean of the school of Energy Resources, Environmental, and chemical and Petrochemical Engineering (EECE) has been invited by the Prof. Yashio Naakatani, Ritsumeikan University President, to visit Ritsumeikan University in Japan as a visiting professor at the Faculty of Letters. From 15 to 2024-4-22.

Visit Overview:

- On Wednesday 2024-4-17 at 9:00 AM, Prof. Mona Gamal Eldin gave a lecture titled “Combating Climate Change: Everyone Can”, at Ritsumeikan University Kinugasa Campus with the attendance of about 50 students (physically and online).



- On Friday 2024-4-19 at 4:30 PM, Prof. Mona Gamal Eldin gave a lecture titled “Egypt’s Efforts towards Achieving UN SDGs”, in the Institute of Disaster Mitigation for Urban Cultural Heritage at Ritsumeikan University Kinugasa Campus with the attendance of about 30 academics and students (physically and online).



EJUST offers a variety of programs that include environmental education, such as the Environmental Department for both undergraduate and postgraduate studies. The university also offers a professional diploma in climate change. Additionally, many master’s and PhD theses, particularly within the Environmental Department, focus on environmental issues and climate action.



Graduation of master student at ENV department

• Research

E-JUST is dedicated to research as a key component of its mission. The university has explored a variety of research tracks, including solar systems, climate observation, meteorology, and both ground-based and spaceborne instrumentation. E-JUST emphasizes teaching students through problem-solving and critical thinking techniques, adopting a project-based approach in collaboration with governmental bodies and NGOs to equip students with the necessary skills for their future research careers. Recently, E-JUST established the Space Environment Research Lab (SERL), a distinguished laboratory that ranks among the top in its field, conducting advanced research on satellite and ground station data monitoring.



• Consultancy

The university works locally and regionally to raise awareness of and address the impacts of climate change, in collaboration with the Ministry of Environment. It has a joint agreement with the Egyptian Meteorological Authority (EMA), focusing on educational and research initiatives related to climate change. The EMA, a governmental body, is responsible for monitoring meteorological conditions and climate change. In addition, E-JUST collaborates with NGOs on climate adaptation efforts. Notably, the university has partnered with the International Development, Environment, and Culture Association (IDECA), the Alexandria Business Association (ABA), and the Inner Wheel Alexandria East on climate adaptation initiatives.



Goal.16

Peace and Justice and Strong Institutions

• Aim

Achieving success in Peace, Justice, and Strong Institutions requires Egypt-Japan University of Science and Technology to actively engage in related topics and advancements while fostering strong collaboration with both national and international institutions.

• Actions

◦ PEACE

Grand Mufti Visits E-JUST and emphasizes the Importance of Renewing Religious Discourse to Build Youth Awareness.

Egypt-Japan University of Science and Technology (E-JUST) organized an educational seminar yesterday titled "Renewing Religious Discourse and Building Youth Awareness." The event was held under the auspices and in the presence of the university's president, Prof. Amr Adly, and featured a lecture by Grand Mufti Prof. Shawki Allam, who is also the President of the General Secretariat for Fatwa Authorities Worldwide. The seminar was attended by the university's vice presidents, deans, and a large number of students from various faculties. Prof. Adly explained that the seminar is part of the university's commitment to educating students and safeguarding their minds through organizing informative events that focus on human development, awareness building, and instilling values of loyalty and belonging. During the seminar, Grand Mufti Prof. Shawki Allam emphasized that renewing religious discourse has become a vital necessity and a cultural imperative in this era. He warned that the lack of awareness is a dangerous weapon used by the enemies of religion to spread extremism and terrorism, targeting youth and manipulating their minds. The Mufti also noted that Islamic Teachings are not in conflict with scientific research and experimentation, provided they do not contradict the principles of Sharia. The seminar concluded with an open dialogue between the Mufti and the students, during which he answered their questions. Prof. Adly presented a university shield to the Grand Mufti as a token of appreciation, and commemorative photos were taken with the attendees.



Source: <https://www.ejust.edu.eg/admin/view/news/100%20%E2%80%A2>

Tokyo Metropolitan Government – Board of Education Visits E-JUST for Cultural Exchange Program

Egypt-Japan University of Science and Technology (E-JUST) welcomed a delegation from the Tokyo Metropolitan Government – Board of Education as part of a cultural exchange program for Tokyo Metropolitan high school students. The delegation included 24 students, 6 teachers, and 3 staff members from the Tokyo Metropolitan Government Board of Education. The program aims to foster future global human resources by enabling students to adapt to multicultural societies, develop cooperative attitudes toward solving global issues, and understand the benefits of internationalization. Participants also had the opportunity to experience the diversity and rich traditions of Egyptian culture. E-JUST contributed to this program by motivating Japanese students to explore international

opportunities, raising awareness about multicultural societies, and showcasing the university's role in internationalization and its impact. The event also strengthened ties between participants and Egyptian society through E-JUST facilitation. The visit began with a welcome speech by Prof. Amr Adly, President of E-JUST, and Prof. Shuji Hashimoto, First Vice President for Regional and International Affairs. The event was organized and handled internally by E-JUST's International Affairs Office, in collaboration with Mr. Go Sai, Supervisor of the Global Talent Cultivation Division, and International Education Exchange Section of the Tokyo Metropolitan Government Board of Education. This visit reflects E-JUST's commitment to promoting cultural exchange and fostering global understanding.



Source: <https://www.ejust.edu.eg/admin/view/news/130>

◦ *Justice*

The African Development Bank and the Government of Japan Offer Three Master's Scholarships to E-JUST Students

Prof. Amr Adly, President of Egypt-Japan University of Science and Technology (E-JUST), and Mr. Abdoul Rahmane Diaw, Regional Director of the African Development Bank, signed an agreement to grant scholarships under the "Japan Africa Dream Scholarship" (JADS) program. The agreement includes three scholarships for E-JUST students to pursue master's degrees in engineering disciplines (two scholarships for Egyptian students and one for an African student). Mr. Abdoul Rahmane Diaw stated: "E-JUST is the first university in Egypt to be selected by the African Development Bank to offer scholarships under the JADS program. There is a high demand for these scholarships from all African countries, and we are proud that Egypt has been awarded some of them. We hope that more Egyptian universities will receive such scholarships in the coming years." The JADS program, launched in 2017 by the African Development Bank and the Government of Japan, aims to provide scholarships to outstanding African students for postgraduate studies. The program's fifth phase seeks to offer opportunities for young Africans to study at Japanese and African universities, ensuring a successful transition from education to employment and enhancing their contributions to achieving the national and regional development goals of Africa's Agenda 2063.



Source: <https://www.ejust.edu.eg/admin/view/news/114>

◦ **STRONG INSTITUTIONS**

H.E. Ministry of Higher Education and Supreme Council of University Members Visit to E-JUST

E-JUST was honored to welcome H.E. Prof. Ayman Ashour, Minister of Higher Education and Scientific Research, yesterday at the Main Campus. The visit coincided with the hosting of the Supreme Council of Universities meeting at E-JUST, in the presence of Prof. Hany Helal, the E-JUST BOT Chairman. During the visit, H.E. Prof. Ayman Ashour, accompanied by Prof. Hany Helal, Prof. Amr Adly (E-JUST President), and Prof. Mostafa Refaat (Secretary General of the Supreme Council of Universities), toured the university campus and visited H.E. Fayza Abouelnaga's main library, the graphene laboratory at Prof. Ahmed El Gohary's Center of Excellence for Research, and the Red Hall. The Minister commended the university's achievements in academic and research fields, expressing admiration for the modern facilities available at the University.



Source: <https://www.ejust.edu.eg/admin/view/news/98>

E-JUST Recognized as Runner-Up for Outstanding Contribution to Entrepreneurship by Times Higher Education

Egypt-Japan University of Science and Technology (E-JUST) is honored to have been “Highly Commended” as the runner-up for the “Outstanding Contribution to Entrepreneurship” Award at the 2024 Times Higher Education Arab University Awards. This recognition places E-JUST next to the award winner, among all shortlisted universities. This achievement highlights E-JUST’s dedication to fostering innovation and entrepreneurship. With over 110 filed patents, start-ups emerging from E-JUST’s incubator, and extensive entrepreneurship courses and camps offered to its students, the university continues to build a strong foundation for future leaders and innovators. As a research-oriented university established just 14 years ago, E-JUST remains committed to being a beacon of quality education and industry support in Egypt, the Middle East, and Africa. This milestone was made possible thanks to the invaluable Japanese partnership, the unwavering support of the Board of Trustees, and the exceptional efforts of E-JUST faculty, students, and administrative staff. Congratulations to everyone at E-JUST for this remarkable achievement!



Source.

<https://www.ejust.edu.eg/admin/view/news/128>



E-JUST Achieves Top Rankings in the 2024 Times Higher Education Arab University Ranking

We are proud to announce that Egypt-Japan University of Science and Technology (E-JUST) has secured a position in the #60-51 bracket among all Arab universities in the prestigious 2024 Times Higher Education Arab University Ranking. Additionally, E-JUST has been ranked #8 in Egypt, reflecting its growing impact and excellence in higher education and research. This significant achievement is a testament to the strong Japanese partnership and the exceptional efforts of our esteemed faculty members, talented students, dedicated administrative staff, and the invaluable support of the Board of Trustees (BOT). We extend our heartfelt appreciation to the E-JUST Ranking Committee for their diligent work in achieving this milestone. Congratulations to everyone at E-JUST! Together, we will continue to strive for excellence and further accomplishments.

Source: <https://www.ejust.edu.eg/admin/view/news/128>

E-JUST Achieves Prestigious Ranking in the 2025 Times Higher Education World University Rankings

It is with great pride that we announce E-JUST's impressive performance in the 2025 Times Higher Education (THE) World University Rankings. E-JUST has secured a ranking in the 600-501 category among the world's top universities, marking a significant leap of 200-100 positions compared to last year's ranking. This achievement distinguishes E-JUST from the other 35 ranked Egyptian universities. This milestone reflects the commitment of E-JUST's leadership, backed by the joint efforts of the Japanese-Egyptian Board of Trustees, governmental support, and the university's strategic focus on research excellence and high-quality education. Special thanks are extended to Egyptian and Japanese researchers, administrators, and the dedicated Ranking Committee for their diligent efforts in providing essential data for this ranking process. We extend our deepest gratitude to every member of the E-JUST community for their outstanding contributions to this remarkable success.



Source: <https://www.ejust.edu.eg/admin/view/news/121>

E-JUST Students Achieve Second Place with "The White Beast" Submersible Drone in Go Dive Derby

"The White Beast"; A Submersible Drone Successfully Designed, Manufactured, and Programmed.

Prof. Amr Adly, President of Egypt-Japan University of Science and Technology, announced that a team of students from the university's Robotics Club won second place in the Go Dive Derby competition, which was organized for the first time in Egypt and hosted by the British University in Egypt in collaboration with organizations like Discovery and the Innovative STEAM Foundation, in addition to many sponsors including the Academy of Scientific Research and Technology. The university's student team successfully designed, manufactured, programmed, and tested the submersible drone "Shiro Kaijin - The White Beast," relying on the resources provided by the university. The drone competed against other submersibles specifically designed for the competition from various universities. Prof. Amr Adly congratulated the winning student team, which includes Mechatronics Engineering students Mahmoud Morsi Khamis, Hamdy El-Nahas, Ahmed Loay Al-Ata, Basmla Ehab, Ammar Adel; Computer Engineering and Science students Abdulaziz Sarour, Ahmed Yasser Gamal, Karim Yasser Ahmed, Ahmed Mohamed Ahmed Hassan, Menna Abdelmoty Nasir, Mostafa Ahmed Atef, Amr Abdelkhaleq Moshirif, Abdulrahman Ahmed Shaheen, Nadine El-Sayed, Anas Badr; Electronics Engineering students Ahmed Yasser Hefz, Maryam Mohamed Mahmoud Gad Allah; and Industrial Engineering student Omar Hussein. Prof. Adly pointed out that Egypt-Japan University places great importance on encouraging its students to participate in various local and international competitions related to their fields of study, providing technical and financial support to achieve the university's mission and Egypt's Sustainable Development Strategy 2030 goals. The university provides its students with all the necessary facilities in its labs, which are equipped with the latest devices and equipment provided by Japan to support the higher education and scientific research system in Egypt.



Source: <https://www.ejust.edu.eg/admin/view/news/107>

E-JUST Secures Second Place in the 8th International Military Technical College Drone Challenge

We proudly announce that E-JUST team, led by Dr. Haitham El-Husseiny, secured second place in the 8th International Military Technical College (ICMTC) Drone Challenge held in Cairo, Egypt. Competing against international teams from China, India, and Turkey, the team excelled in a series of demanding tasks, including drone assembly, testing, and a final presentation that showcased advanced machine learning and computer vision techniques. The team was made up of a mix of faculty members and students, including Ziad Shuaib (Teaching Assistant) and Abdullah Al-Amir (Teaching Lecturer). The students were Ahmed Louay, Ahmed Mostafa Attia, Karim Ahmed Abu Al-Mohsen, Ahmed Anwar Mazhar, Ahmed Mohamed Hassan, Mohamed Al-Siyagi Ali, Abdelrahman Amr Al-Sayed, and Mohamed Ashraf. Their achievement reflects E-JUST's dedication to fostering innovation and technical excellence, as well as the strength of its academic programs and research facilities. This win also underscores the importance of teamwork and determination in achieving success on the international stage. We extend our congratulations to the entire team for their hard work and dedication, which brought great honor to E-JUST, and we look forward to their continued success in future competitions.



Source: <https://www.ejust.edu.eg/admin/view/news/113>

E-JUST Team Excels in SAS Curiosity Cup 2024

E-JUST celebrates a significant triumph as its UG Computer Science and Information Technology team achieves the 15th highest score out of 110 global competitors in the esteemed SAS Curiosity Cup 2024. Presenting a pioneering paper titled "Optimizing Energy Forecasting and Resource Allocation: A Comprehensive Analysis of UK Electricity Consumption from 2024-2009" using SAS Viya, the team exemplifies E-JUST's commitment to excellence. Led by Dr. Waleed Ead, the team comprised: Hazem Mohamed, Mohamed Eldagla, Mohamed Ashraf, and Abdallah Zaky.



◦ *Building Bridges*

Participation of Prof. Amr Adly in the Fourth Summit of Japanese and North African Universities

Prof. Amr Adly, President of Egypt-Japan University of Science and Technology, participated in the fourth summit of Japanese and North African universities. The event was organized by the University of Tsukuba in collaboration with the University of Tunis El Manar in Tunisia. The summit saw the attendance of numerous university presidents from Egypt, Tunisia, and several African countries, along with the Japanese Ambassador to Tunisia. The Role of the Japanese Universities Summit Prof. Amr Adly stated that the summit of Japanese universities in Tunisia and North Africa plays a crucial role in enhancing cooperation among academics and researchers from participating universities in the fields of science and technology, supporting sustainable development. Enhancing cooperation among universities on the sidelines of the conference, Prof. Amr Adly, accompanied by a delegation from the JICA project at the university, met with Prof. Moez Chakroun, President of the University of Tunis El Manar. They discussed ways to strengthen cooperation between the two universities across various scientific disciplines.



Source: <https://www.ejust.edu.eg/admin/view/news/108>

E-JUST Celebrates Students' Success in the 2024 Japanese Language Proficiency Test (JLPT)

Prof. Amr Adly, President of Egypt-Japan University of Science and Technology (E-JUST) celebrated the success of E-JUST students in the 2024 Japanese Language Proficiency Test (JLPT), which was held for the first time at the university's campus. This year's exam saw remarkable participation from E-JUST students, with a %100 success rate among all test-takers, reflecting their advanced language skills and growing interest in Japanese language and culture. Prof. Amr Adly emphasized that hosting the JLPT at E-JUST marks a significant step in strengthening international ties between Egypt and Japan. He also highlighted that success in the JLPT opens new career opportunities for E-JUST graduates in Japan, enhances academic engagement, and deepens students' connection with Japanese culture. Furthermore, he announced that E-JUST will continue hosting JLPT sessions this year, ensuring the continuity of this initiative to provide exceptional learning opportunities for students. In addition, the university organizes intensive summer programs for Japanese language learning, offering students valuable prospects to join the international job market. These efforts align with E-JUST's strategic plan to introduce students to Japanese culture, customs, and traditions, empowering them to compete for global career opportunities.



Source: <https://www.ejust.edu.eg/admin/view/news/149>

Japan-Africa Conference on Electronics, Communications, and Computing (JAC-ECC) at E-JUST

Egypt-Japan University of Science and Technology (E-JUST) successfully hosted the 12th Japan-Africa Conference on Electronics, Communications, and Computing at its main campus in New Borg El-Arab City, Alexandria. The event was held under the patronage of Prof. Amr Adly, President of E-JUST, in collaboration with Kyushu University in Japan and Egypt Informatics University. Prof. Amr Adly stated that the conference focused on the latest research trends in electronics, communications, the Internet of Things (IoT), and artificial intelligence (AI). He highlighted the participation of renowned scholars from universities in Canada, Malaysia, Vietnam, Kenya, and South Africa, in addition to several Japanese and Egyptian universities. As part of the conference, a workshop titled “6th Generation Networks” was held, and engineering graduation projects from various Egyptian universities were showcased. Prof. Mohamed Sharaf, Dean of the School of Electronics, Communications, and Computing and the conference chair, noted that 100 research papers were submitted from different countries, out of which 62 were selected for presentations during the event.



Source. <https://www.ejust.edu.eg/admin/view/news/133>

E-JUST and the Grand Egyptian Museum Sign Cooperation Agreement

A cooperation agreement was signed between Egypt-Japan University of Science and Technology (E-JUST) and the Grand Egyptian Museum (GEM). The agreement was signed by Prof. Ahmed Ghoneim, CEO of the Grand Egyptian Museum, and Prof. Amr Adly, President of E-JUST. The signing ceremony was attended by Ms. Sachiko Imoto, Vice President of the Japan International Cooperation Agency (JICA), Dr. Jin Kato, Head of JICA's Cairo Office, as well as senior representatives from JICA headquarters in Japan and Cairo. Also present were leaders from the Grand Egyptian Museum and Egyptian and Japanese faculty members involved in E-JUST's Heritage Science Program. The agreement focuses on collaboration in heritage management and conservation, leveraging advanced technology and Japanese expertise. It also includes training programs for GEM staff and postgraduate students enrolled in E-JUST's heritage conservation programs, developed through a partnership between Egyptian and Japanese experts. Prospects for further collaboration between the museum and the university were also discussed. After the ceremony, representatives from JICA and E-JUST, at the invitation of Prof. Ahmed Ghoneim, toured the Grand Egyptian Museum. The attendees expressed their pride in this iconic institution, which symbolizes the strong collaboration between the governments of Egypt and Japan, reflecting the fruitful partnership between E-JUST and GEM.



Source . <https://www.ejust.edu.eg/admin/view/news/129>

E-JUST Hosts Industry Day (E-JUST Connect) to Showcase Support for the Industrial Sector

In early October 2024, Egypt-Japan University of Science and Technology (E-JUST) held its annual Industry Day (E-JUST Connect), aimed at introducing the industrial community to the range of services the university offers. These services include engineering consultations, research and development, testing and analysis, as well as specialized training programs. Prof. Amr Adly, President of E-JUST, highlighted the university's pivotal role in supporting the industry sector and introduced the university's Industry Support Group, established in line with E-JUST's strategic plan and Egypt's Vision 2030 for economic growth and sustainable development. Three companies shared their success stories with E-JUST. Mr. Mohamed Abdel Gawad El-Araby, Head of Manufacturing Operations at El-Araby Group, discussed the long-standing collaboration with the university, particularly in using simulation to redesign production processes and improve efficiency in their new factory. A representative from Ezz Steel outlined the company's cooperation with E-JUST in areas such as the metals and materials forming program, with the company providing scholarships and hiring E-JUST graduates due to their unique qualifications. The collaboration also extends to joint research and development efforts. The Egyptian Composite Materials Company presented multiple areas of collaboration, including redesigning manhole covers using computer-aided design to enhance strength and efficiency, optimizing production processes, and replacing synthetic fibers with natural ones to create more sustainable products. The event saw the participation of 119 attendees from 60 companies across various industrial sectors, including food, petrochemicals, engineering, beauty, plastics, and cleaning products, as well as members from the Alexandria Business Association. E-JUST offers robust industrial support capabilities, including outstanding researchers, a high international ranking, state-of-the-art laboratories, a Center for Innovative Technology (CINTECH) focused on technology development, a Technology Management Department (TMD) that prepares professionals for technology management roles, an Industrial Training Unit (ITU) that provides practical training and hands-on experience, and an incubator that supports startups with resources and mentorship.



Source. <https://www.ejust.edu.eg/admin/view/news/122>

E-JUST Hosts Dell Technologies Event “AI Empower Egypt: Hack for Impact”

Egypt-Japan University of Science and Technology (E-JUST) had the privilege of hosting the “AI Empower Egypt: Hack for Impact” event organized by Dell Technologies on Tuesday, October 2024, 1. This event, conducted in collaboration with the Ministry of Communications and Information Technology, brought together industry experts, academics, and students to explore the transformative potential of artificial intelligence (AI) in advancing Egypt's technological landscape. The event focused on practical AI applications across various fields, shedding light on how AI is shaping the future of Egypt's key sectors. Throughout the event, Dell Technologies experts presented a range of cutting-edge AI developments and their practical implications. The discussions highlighted how AI is being applied in five major areas: smart transportation systems aimed at creating safer cities, the strategic use of AI to drive economic growth, AI's revolutionary role in healthcare, the enhancement of government services through AI, and the use of AI in agriculture to manage plant diseases and improve productivity. These applications underscored the significant role AI is playing in transforming multiple industries, with a particular focus on its potential to drive innovation and economic growth in Egypt. The event served as a platform for engaging E-JUST's students, especially fourth-year students from the Faculties of Engineering, Computer Science & Information Technology (CSIT), and International

Business & Humanities (FIBH). Students were encouraged to explore AI's real-world applications by participating in projects, startups, and hands-on initiatives. Dell Technologies provided valuable insights into how AI can be integrated into graduation projects and entrepreneurial ventures, offering students a unique opportunity to be at the forefront of technological innovation. In addition to the presentations, the event featured interactive sessions, where students and academics engaged in discussions with Dell experts. The agenda included an in-depth program overview, followed by a series of talks on the objectives and deliverables of the AI Empower Egypt initiative. A detailed exploration of real-world AI use cases was presented, allowing attendees to gain a deeper understanding of the next steps in AI integration and the various opportunities available for collaboration and innovation. This event was a remarkable opportunity for students to gain exposure to the rapidly evolving world of AI, while also strengthening the university's ties with leading technology companies. It reflects E-JUST's ongoing commitment to fostering a learning environment that promotes technological advancement and prepares students to contribute to Egypt's growing digital economy.



Source: <https://www.ejust.edu.eg/admin/view/news/118>

Elevating Global Education: E-JUST Partners with ASToJ

Bridging Cultures: E-JUST and ASToJ join forces in a groundbreaking collaboration, opening doors to global opportunities for students. With immersive internships in Japan and specialized language training, students are equipped for success in the international arena. Professor Amr Adly's vision for global citizenship takes flight as E-JUST prepares students to thrive in diverse environments.





Goal.17

Partnerships for the Goals

• Aim

Strengthening the means of implementing a successful sustainable development agenda requires Egypt-Japan University of Science and Technology to actively engage in relevant scientific advancements, contribute to research and technological innovation, and establish strong collaborations with regional, national, and international institutions.

• Actions

E-JUST Science Café 2024

On February 2024 ,24, E-JUST proudly hosted the latest Science Café, bringing together curious minds to explore groundbreaking scientific topics in an interactive setting. A total number of 260 students with their supervisors (Around 15) from 7 schools attended the event. Several High Schools were invited to take part in the event including Alexandria Language School, Alexandria American School, Alexandria International School, Brilliance, Sidi Gaber for Boys, Sidi Gaber for Girls, and Sidi Gaber Eldary.

This exciting event was supported by the Embassy of Japan in Egypt, reinforcing the strong collaboration between Egypt and Japan in education and research. The event is coordinated by Prof. Mona Gamal Eldin – Dean of the school of Energy Resources, Environmental, and Chemical and Petrochemical Engineering (EECE).



الجامعة المصرية اليابانية للعلوم والتكنولوجيا
E-JUST
مصر - جمهورية مصر العربية
Egypt-Japan University of Science and Technology

جامعة مصر اليابانية للعلوم والتكنولوجيا
E-JUST
مصر - جمهورية مصر العربية
Egypt-Japan University of Science and Technology

Draft Agenda of Science Café 2024

Saturday, February 24th, 2024

Time		Activities		Venue			
10:00	11:00	Welcoming Reception		Red Hall			
		Opening Ceremony		Red Hall			
11:00	11:05	Egyptian & Japanese Anthem					
11:05	11:10	Welcome Speech by Prof. Amr Adly, E-JUST President					
11:10	11:15	Welcome Speech by H.E. Amb. Oka Hiroshi, Japanese Ambassador in Cairo					
11:15	11:30	E-JUST Introduction by Dr. Mostar Abdellwahab					
		Lectures		Red Hall			
11:30	12:00	"Living with Robots" by Prof. SHUJI Hashimoto, E-JUST First Vice President for Regional and International Affairs					
12:00	12:30	"Japanese Traditional Culture and Legend" by Ms. Yashara Katohara, JICA Volunteer					
Exhibition & Science Activities							
		Group 1	Group 2	Group 3	Group 4	Group 5	Group 6
12:30	12:50	Student Affairs (CoE)	Japanese Culture activities Library-Cafeteria	Energy Activity (8th-F1-15)	Water Activity (8th-F1-15)	Arts (CoE)	Prototypes (CoE)
12:50	13:10	Prototypes (CoE)	Student Affairs (CoE)	Japanese Culture activities Library-Cafeteria	Energy Activity (8th-F1-15)	Water Activity (8th-F1-15)	Arts (CoE)
13:10	13:30	Arts (CoE)	Prototypes (CoE)	Student Affairs (CoE)	Japanese Culture activities Library-Cafeteria	Energy Activity (8th-F1-15)	Water Activity (8th-F1-15)
13:30	13:50	Water Activity (8th-F1-15)	Arts (CoE)	Prototypes (CoE)	Student Affairs (CoE)	Japanese Culture activities Library-Cafeteria	Energy Activity (8th-F1-15)
13:50	14:10	Energy Activity (8th-F1-15)	Water Activity (8th-F1-15)	Arts (CoE)	Prototypes (CoE)	Student Affairs (CoE)	Japanese Culture activities Library-Cafeteria
14:10	14:30	Japanese Culture activities Library-Cafeteria	Energy Activity (8th-F1-15)	Water Activity (8th-F1-15)	Arts (CoE)	Prototypes (CoE)	Student Affairs (CoE)
14:30	15:30	LUNCH					

Person in Charge

Mr. Marwan Farrag	Prof. Mona Gamal El-Din
Prof. Hamdy Abo Ali	Prof. Hamdy Abo Ali
Prof. Hassan Shokry	
Mr. Ahmed Romany	Ms. Mai Ismail

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E-JUST Hosts International Workshop on “Towards Future Collaboration”

Egypt-Japan University of Science and Technology (E-JUST) successfully hosted a workshop titled "Towards Future Collaboration" from December 15 to December 2024, 17, at E-JUST's main campus. The workshop, supported by JICA, brought together representatives from Vietnam Japan University, Stellenbosch University, and Jomo Kenyatta University of Agriculture and Technology to explore opportunities for collaboration. The participants were warmly welcomed by Prof. Amr Adly, President of E-JUST, Prof. Shuji Hashimoto, First Vice President for Regional and International Affairs; Prof. Toshio Fukuda, Vice President for Research and Prof. Sameh Nada, Vice President for Education and Academic Affairs. The workshop aimed to enhance partnerships in research and education among the participating universities. Discussions focused on potential collaborative research themes addressing cross-cutting topics that contribute to African socio-economic development, with the inclusion of social sciences faculty as part of the approach. The participants emphasized the importance of accelerating joint activities through online discussions leading up to future workshops. They also agreed on the involvement of other African universities with existing partnerships to expand collaboration. The workshop concluded with a mutual understanding of fostering joint research, securing external grants to support future projects, and showcasing collaborative outcomes on international platforms. This event reflects E-JUST's commitment to driving international cooperation and advancing research initiatives for sustainable development in Africa and beyond.



Czech Ambassador's Visit to Discuss Cooperation at E-JUST

Prof. Amr Adly, President of Egypt-Japan University of Science and Technology (E-JUST), received H.E. Ivan Juki, Ambassador of the Czech Republic to Cairo, and Mrs. Daniela Juklova during an official visit to the university. They were accompanied by Prof. HASHIMOTO Shuji, First Vice President of Regional and International Affairs, Prof. Sameh Nada, Vice President of Education and Academic Affairs, as well as a number of deans and other academics. During the visit, Ambassador Juki and Mrs. Juklova engaged in discussions with the deans and academic leaders about the educational style adopted at E-JUST and explored opportunities for academic and research collaboration between the university and the Czech Republic. They also took a tour of the university campus to learn more about its advanced facilities and distinguished programs. Both sides expressed their mutual interest in strengthening academic and research relations, paving the way for fruitful cooperation in the future.



E-JUST Celebrates Second Japanese Culture Day and Cultural Festivities

Egypt-Japan University of Science and Technology (E-JUST) celebrated its Second Japanese Culture Day, highlighting the deep cultural ties between Egypt and Japan. The event was graced by the presence of H.E. Oka Hiroshi, the Ambassador of Japan to Egypt, and Mrs. Oka who were warmly welcomed by Prof. Hany Helal, Chairman of the Board of Trustees (BOT) of E-JUST, and Prof. Amr Adly, President of E-JUST. Participants had the chance to engage in a range of traditional Japanese activities, including kimono wearing, the Japanese tea ceremony, flower arranging (Ikebana), and traditional Japanese games. These Japanese activities are designed to introduce and spread Japanese culture and rituals to students and participants. From tea ceremonies to calligraphy, martial arts displays, and cultural exhibitions, attendees had the opportunity to engage with Japan's rich heritage. Prof. HASHIMOTO Shuji, First Vice President of Regional and International Affairs, and Prof. Sameh Nada, Vice President of Education and Academic Affairs, also attended the celebration. The event underscored the strong collaboration between Egypt and Japan, fostering a deeper appreciation for Japanese traditions and customs. The success of the event reflected E-JUST's commitment to promoting cultural exchange and enhancing ties between the two nations.



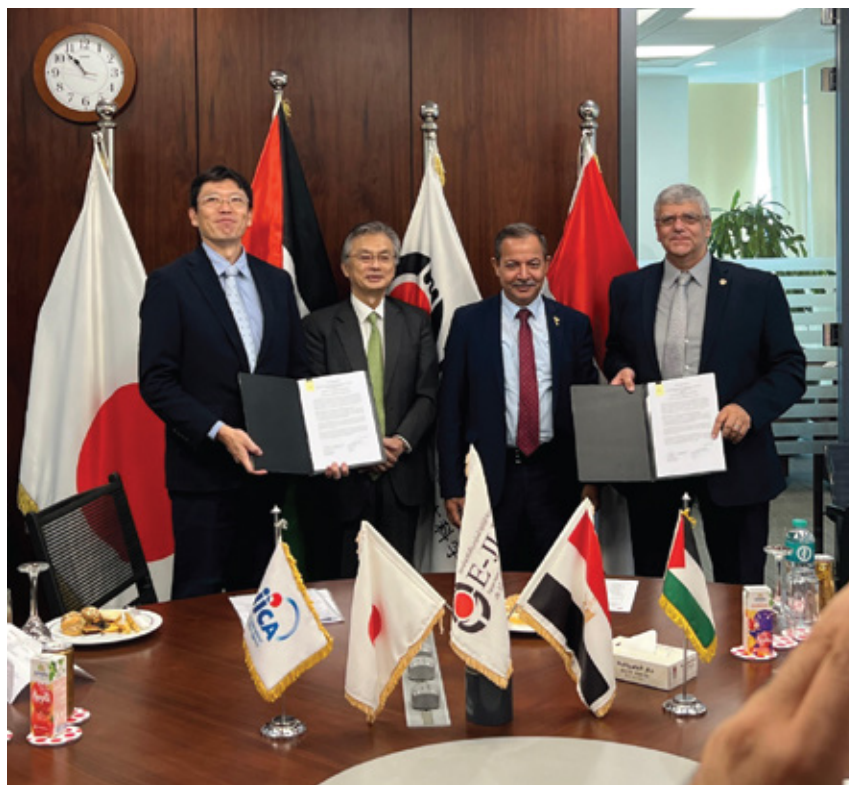
E-JUST welcomed Kyushu University Delegation to Strengthen Academic collaboration

Prof. Amr Adly, President of Egypt-Japan University of Science and Technology (E-JUST), warmly welcomed a distinguished delegation from Kyushu University, one of Japan's leading academic institutions yesterday. The visit highlights the strong partnership between the two universities, with a focus on deepening academic cooperation and fostering ongoing exchange Programs. The Kyushu University delegation included notable figures such as Prof. AKASHI Koichi, Dean and Senior Vice President of the Faculty of Medical Sciences; Prof. JIMI Eijiro from the Faculty of Dental Science; Prof. INOUE Koji, Dean and Senior Vice President of the Faculty of Engineering; and Dr. Tamer Mohamed Nasr Hefni from Helwan University and Kyushu University Cairo Office, alongside several other esteemed professors and staff. Representatives from the Japan International Cooperation Agency (JICA). During their visit, the delegation engaged in fruitful discussions with E-JUST leadership.



E-JUST Palestine Scholarship MoU Signed to Foster Palestinian Human Resource Development in Collaboration with JICA

As part of the ongoing efforts by the governments of Egypt and Japan to promote peace through the development of educational capacities and scientific exchange, a Memorandum of Understanding (MoU) was signed on October 2024 ,3, to launch the E-JUST-Palestine Scholarship for Human Resource Development. The MoU was signed between Egypt-Japan University of Science and Technology (E-JUST), represented by its President, Prof. Amr Adly, and the Japan International Cooperation Agency (JICA), represented by Mr. Kato Ken, Chief Representative of JICA Egypt Office. The signing ceremony was attended by His Excellency Ambassador Oka Hiroshi, Japan's Ambassador to Egypt, and Dr. Ambassador Wafiq Abu Sidu, Consul General of the State of Palestine in Alexandria, along with a high-level delegation from the Palestinian Embassy. This cooperation aims to provide exceptional educational opportunities for Palestinian students and researchers, particularly those affected by the current situation in Gaza, by offering fully funded scholarships for undergraduate or master's studies at E-JUST. This program is part of the partnership between the governments of Egypt and Japan and strengthens the university's role as a regional center of excellence in higher education and scientific research in the Arab and African regions.



"Collaboration with Ritsumeikan University in Japan."

- On Wednesday 2024-4-17 at 11:00 PM, Prof. Mona Gamal Eldin had a meeting with Prof. Yoshio Nakatani - Ritsumeikan University president, Prof. Tokuda Akio - Ritsumeikan University vice president for research, and Ms. Natsuko Kawamura - Manager of Ritsumeikan Advanced Research Academy (RARA Office), at Suzaku Campus. The meeting discussed increasing the collaboration between E-JUST and Ritsumeikan University in the fields of Research and Double Degrees.



"Towards Sustainable Future Initiative "

Under the auspices of Professor. Amr Adly, E-JUST President, and the supervision of Prof. Mona Gamal Eldin Ibrahim, EECE Dean, the School of Energy Resources, Environmental, Chemical and Petrochemical Engineering (EECE), launched the competition titled "Towards Sustainable Future" for the Fourth year aiming at enhancing innovation at EECE Undergraduate and M.Sc. students in the field of sustainability through research articles to save the environment and the natural resources.

The competition comes within the framework of cooperation between Egypt- Japan University of Science and Technology (E-JUST) and Birla Carbon Egypt Company. It involves participating students presenting their graduation or research projects related to the field of sustainability, which are evaluated by a committee comprising professors from E-JUST, Alexandria University, and Pharos University. The evaluation criteria include the following elements:

Environmental impacts and ecosystems - Impact on society - Possibility of implementing the project - Project economics.

A number of 26 Undergraduate and postgraduate students from the Energy Resources Engineering Department, Environmental Engineering, and Chemical and Petrochemical Engineering Department participated in the competition presenting 14 research articles covering sustainable development issues.

Prizes are offered by Birla Carbon Company as follows:

The First Prize: 17000 LE.

The Second Prize: 12000 LE.

The Third Prize: 7000 LE.

The final ceremony was held on the 9th of December, 2024 at E-JUST HQ theater with the presence of Prof. Sameh Nada- Vice president for Education and Academic Affairs, where the candidates presented their research articles and received the prizes provided by Birla Carbon Egypt as follows:

The first prize: Eng. Brian Senyonyi shared with Ms. Sara Eid, Mr. Ahmed Nasr, and Mr. Hesham Yousry.

The second prize: Eng. Gideon Mensah Sackey shared with Ms. Retag Ismail and Mr. Ahmed Ayman.

The third prize: Eng. Tumanyisibwe Albert shared with Mr. Abdallah Nageh and Ms. Salma Essam El-Din.

The School of Energy Resources, Environmental, and Chemical and Petrochemical Engineering (EECE) is committed to offering applied topics that empower students to contribute to the achievement of the Sustainable Development Goals and Egypt Vision 2030.



150 Scholarships for African Students for Graduate Studies at the Egypt-Japan University

Prof. Amr Adly, President of Egypt-Japan University of Science and Technology, confirmed that the Japanese government, in collaboration with the Egyptian government, has offered 150 new TICAD scholarships for African students to pursue master's and doctoral degrees at Egypt-Japan University in the fields of engineering and basic and applied sciences. He noted that the scholarships cover tuition fees, living expenses, and travel costs.

Concluding Remarks

By including and addressing the Sustainable Development Goals (SDGs) which lie within the scope of our university, this report consolidates E-JUST's commitment to global sustainability efforts.

It demonstrates that progress is being made in some critical areas and that some favorable trends are evident.

Consequently, it reinforces a more comprehensive understanding of which areas of sustainable development are being addressed by E-JUST efforts, as well as which areas need further consideration or action.

The figures and data highlighted in this report bring with them varying challenges to build on current success and transform our ideas into reality. It is abundantly clear that much faster and more ambitious progress is necessary to unleash the social and economic transformation needed to accomplish our goals in accordance with SDGs.

Evidently, the report has highlighted areas that can drive progress across different SDGs: climate change, clean energy, healthy sanitation, more effective education, gender equality, revitalizing global partnerships, and much more.

We look forward to working hard toward achieving more advances for the University, Egypt, Middle East, and Africa.

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