



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



E-JUST TICAD8

African Scholarships for STI

150 Scholarship Opportunities (M.Sc. and Ph.D.)
within 3 years from 2023 to 2026

Egypt-Japan University of Science and Technology (E-JUST) invites applicants from African Countries to apply for E-JUST Postgraduate studies (**M.Sc. or Ph.D.**) **under TICAD8 Scholarships for fall 2024** international admission.

E-JUST offers “E-JUST TICAD8 African Scholarships for STI.” (TICAD8 Scholarships) to develop high quality human resources in the field of STI (Science, Technology and Innovation) toward future African STI network and beyond. These scholarships are provided under the cooperation of the Egyptian government and JICA (Japan International Cooperation Agency).

Fully Funded Scholarships:

- Tuition Fees
- Flight Tickets
- Accommodation
- Medical Insurance
- Monthly Stipend

How to apply: Through E-JUST's Online Application System.

Online Application + Attachment of Research Proposal and the Required Documents	Primary Screening Announcement	Online Personal and Academic Interview	Result Announcement	Submission of original certified documents	Semester start date
November 8, 2023 till February 10, 2024	▶ March 14, 2024	▶ March 24 till March 28, 2024	▶ April 30, 2024	▶ May 31, 2024	▶ September 24, 2024

For more details please visit our website
www.ejust.edu.eg



Contact:

Regional and International Affairs (RIA) Office,
Egypt-Japan University of Science and Technology (E-JUST).

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Eligibility Requirements:

Applicants shall be researchers or instructors (or potentially expected to become those) who needs to obtain M.Sc. or Ph.D. degree in the fields of Science or Engineering. For more information about admission and eligibility requirements, please check the international admission guidelines: <https://www.ejust.edu.eg/int-admission>

Applicable Programs for this scholarship

Faculty of Engineering

- Electronics and Communications Engineering
- Computer Science and Engineering
- Mechatronics and Robotics Engineering
- Industrial Engineering and Systems Management
- Materials Science and Engineering
- Energy Resources Engineering
- Environmental Engineering
- Chemical and Petrochemical Engineering
- Electrical Power Engineering

Basic and Applied Sciences Institute

- Nanoscience
- Applied and Computational Mathematics
- Space Environment
- Biotechnology
- Energy Materials

Collaboration with Japan:

Japan has supported E-JUST through JICA by Technical Cooperation and Grant Aid in collaboration with 13 Japanese Cooperative Universities (University of Tsukuba, Waseda University, Tokyo Institute of Technology, Kyoto University, Ritsumeikan University, Hiroshima University, Kyushu University, Ritsumeikan APU, Hokkaido University, Tohoku University, Keio University, Nagoya University and Osaka University)

Students' and Alumni Voice



"It has been an excellent opportunity to study at Egypt Japan university under the TICAD7 scholarship. I've been able to get many new and different experiences that I wasn't able to in my home university, including ultra-modern research equipment and facilities, highly qualified faculty

members and advanced technologies. I had the best times here with a journey of self-discovery and unforgettable memories. I like how the Egyptian people here are friendly to the international students, as they would like to share the culture or customs that we are clueless about it. My time in Egypt, especially EJUST, has changed me in different aspects. I can honestly say that this study journey has empowered me in a way that I have never experienced before, and it has opened up a different side of me that I never knew exist. I genuinely feel like I can overcome or do anything I want in life."

Gelasius Gregory Msemwa,
Tanzania,

M.Sc. graduate - Environmental Engineering
Current Ph.D. TICAD8 Student



"My time as a TICAD7 student at the Egypt-Japan University of Science and Technology (E-JUST) has been nothing short of transformative. It's hard to put into words just how enriching and enlightening this experience has been.

One of the most remarkable aspects of my journey at E-JUST was the mentorship and guidance I received from esteemed professors and experts. Their dedication to nurturing talent and supporting our academic endeavours was truly commendable. My time as a TICAD7 student at E-JUST has been a defining chapter in my academic journey. It has equipped me with the skills, knowledge, and global perspective needed to make a meaningful difference. I am immensely grateful for this opportunity."

Morgan Fiko Ernest,
Ghana,

M.Sc. graduate - Electrical Power Engineering

About E-JUST

In 2009, E-JUST was established in New Borg El Arab City, Alexandria, as scientific and technological research institute with concept of Japanese-style engineering education under a bilateral agreement between the governments of Egypt and Japan. Since 2008, Japan International Cooperation Agency (JICA) has implemented a technical cooperation project to establish the university with cooperation of 13 Japanese universities, Japanese companies and related organizations.

In September 2017, the "Faculty of Engineering"(FoE) and the "Faculty of International Business and Humanities" (FIBH) were established with unique concept of practical experimental classes in the FoE, "Zemi" style education in the FIBH, Introducing liberal arts education throughout the university, and distinctive educational programs such as Japanese language, Japanese culture, peace studies and other special educational programs. JICA also continued to support the improvement of the quality of education and research and improved the education and research facilities through Grant Aid Project. As a result, E-JUST ranked 601-800th in the world, 1st in Egypt in Times Higher Education University Ranking 2024. In 2019, E-JUST started accepting 150 international students as agreed at TICAD7, and the total number of students, including international students, has exceeded 4,000 throughout the university.



E-JUST History

Mar 2004: 2nd Japan-Arab Dialogue Forum
 Oct 2008: Starting JICA Technical Cooperation Project
 Mar 2009: Signing of bilateral agreement
 Dec 2009: Campus Design International Competition
 Feb 2010: Opening of E-JUST (3 majors in engineering)
 Jul 2014: Appointment of President Ahmed El-Gohary
 Jul 2014: Appointment of First Vice President Suzuki
 Feb 2016: African students' admission was started
 Sep 2017: Launching Undergraduate of FoE / FIBH
 Sep 2020: Opening ceremony by President El-Sisi
 Jul 2022: Appointment of new President Amr Adly

E-JUST' Structure

Faculty of Engineering (FoE)

School of Electronics, Communication and Computer Eng.	School of Innovative Design Eng.	School of Energy Environment and Petrochemical Eng.	Institute of Basic and Applied Science
Computer Science and Eng.	Mechatronics and Robotics Eng.	Chemical and Petrochemical Eng.	Mathematics
Electronics and Communication	Material Science and Eng.	Environmental Eng.	Chemistry
Electrical Power Eng.	Industrial and Management Eng.	Energy Resources Eng.	Biology
			Physics

Faculty of International Business and Humanities (FIBH) /Others

School of International Business and Humanities	Liberal Arts and Culture Center	Other University Special Program	Diploma Program
Accounting and Information Systems	Heritage Science	Pharmacy Doctor	MBA
Human Resource Management		Computer Science and Information Tech	Heritage Science
Investment and Finance		Sustainable Architecture	
Marketing and Int.Business		Art and Design	

Japanese Cooperation Universities

Waseda University, Osaka University, Kyoto University, Kyushu University, University of Tsukuba, Ritsumeikan University, Ritsumeikan Asia Pacific University, Hiroshima University, Hokkaido University, Tohoku University, Keio University, Nagoya University, Tokyo Institute of Technology.

Overview of E-JUST

- No. of students: 3,367 UG, 450 PG
- International students: 101 (2 Ph.D students, 99 M.Sc students)
- No. of PG graduates: 485 (M.Sc 196, Ph.D 289)
- No. of UG graduates: 145 (FoE 94, FIBH 51)
- No. of academic staff: 100 full-time, 6 Japanese language teachers
- No. of staff: 380 (including security, services etc)
- Scholarships (active): 96 TICAD7 scholarships, 4 TICAD8, 1 Toyota Tsusho, 149 MOHE, 1 JICA, 1 Mitsubishi, 2 SNG, 50 E-JUST etc.
- E-JUST University Ranking:
 - Times Higher Education, University World Ranking 2024, 1st in Egypt, 7th in Africa, 601-800 in the world.
 - Times Higher Education, University Impact Rankings 2022 Goal7 (Affordable and Clean Energy): 15th overall
 - SCIMAGO Institutions Ranking 2018 3rd in Japan
 - Egyptian Science, Technology, and Innovation Observatory (ESTIO) 2019 No. 1 in Japan for the number of papers per faculty member.

Table 1. No. of Enrolled Students

	School	Ph.D	M.Sc	Bachelor
FoE	School of ECCE	24	37	1,258
	School of IDE	22	31	
	School of EECE	40	38	
	School of BAS	45	53	90
FIBH	Int.Business	5	10	491
	Humanities	-	-	
Others	CSIT	-	-	726
	Pharma D	-	-	631
	Sust-Architecture	-	-	61
	Arts and Design	-	-	110
	Total	136	169	3,367

Table 2. No. of graduated students

Faculty	Ph.D	M.Sc	Bachelor
FoE/BAS	278	175	145
FIBH	1	1	51

E-JUST International Cooperation

- MOU: 58 universities (21 agreements with Japanese universities. In addition to JCU, there are Akita International Univ, Nagoya Univ. of Commerce, Saitama Univ, Hosei Univ, Sophia Univ, Chiba Institute of Technology, Tokyo City Univ, Tokyo Metropolitan Univ)
- International students from: Uganda 17, Ghana 18, Nigeria 20, Kenya 12, South Sudan 10, Zimbabwe 5, Malawi 8, Cameroon 3, etc.
- Students studying abroad: 26 EJEP scholarships (Nagoya Univ. of Commerce 4, Ritsumeikan APU 17, Kyushu Univ 5), STI scholarships 4 (Waseda Univ2, Kyushu Univ2)
- No. of short-term Ph.D students in Japan: Total 205(73 from Tokyo Institute of Technology, 45 from Kyushu Univ, 23 from Waseda Univ, 14 from Osaka Univ, 15 from Kyoto Univ, etc)
- Acceptance of international students: Sophia Univ 1 (2020), Osaka Univ 1 (2022, 2023), Ritsumeikan Univ 1 (2022)
- ABE Initiative (study abroad program for staff): 12 people in total (Waseda Univ, International Christian Univ, Nagoya Univ. of Commerce, Kansai Gakuin Univ, Kansai Univ, etc.)

E-JUST Research and Industry Collaboration

Overview of research activities

	2019	2020	2021	2022	2023
Published Journal	173	200	190	218	204
Journal/Faculty	4	3.8	3.8	3.4	2.8
JCU co-authorship Rate	28%	25%	24%	40%	41%
Patent Applications	8	11	17	19	8
External funds acquired	16	38	25	19	11

Journals in 2023 is for Jan-Sep

- Joint/Commissioned Research: 14 companies (Unilever, Trend Micro, Ezz Steel, NEC, Pharco, Blink Company, etc.)
- MoU/NDA: 29 companies (including 3 Japanese companies: DMG Mori, Yokogawa Denki, DAIKIN)
- E-JUST Millionaire Club (grant winners of 1 million EGP or more): 9 (2021), 12 (2022)
- Internships: 95 people from 20 companies (Rubex, Damietta Port, Birla Carbon, YKK etc)
- Entrepreneurship (Incubator): Established an incubation center in September 2020, 12 companies commercialized.

Facilities/Campus

■ Campus

The E-JUST campus design was developed by Japanese architect Arata Isozaki. The master plan was completed in 2017, started construction in 2018. The Phase 1 was completed in 2021, consisting of an office building, five academic buildings, and a library. The Government of Egypt allocated an additional 12 billion EGP (Approx. 83 billion yen) for the construction of Phase 2 (Zone 1: 14 Academic Building, Zone 2: Industry Park, Zone 3: Stadium, etc., Zone 4: Student dormitories and faculty and staff housing).



■ Laboratory facilities

Advanced equipment has been introduced in E-JUST with cooperation of JICA. Common laboratories such as Microscope, Analysis, and Manufacturing Center have been launched in early stage of E-JUST. Since 2017, educational equipment has been also provided through Grant Aid Project.



Governance

■ Board of Trustees (BoT)

BoT is the highest decision-making body of E-JUST consisting of representatives from both countries. The BoT has the right to appoint the president, the budget, and the establishment of new departments. The 26th board meeting will be held in June 2023. The current composition of the committee is as follows.

Chairperson: Faiza Abou El-Naga (Presidential Security Advisor, former Minister of International Cooperation and Planning)

Vice Chair: Sachiko Imoto (JICA Vice President)

Japanese members (10 members): Prof. Masu (President, Tokyo Institute of Technology), Prof. Nakatani (President, Ritsumeikan Univ), Prof. Ochi (Hiroshima Univ), Prof. Shirai (Former President of Waseda Univ), Prof. Ishibashi (President, Kyushu Univ), Prof. Nagata (President, Univ of Tsukuba), Mr. Watanabe (Director-General for International Affairs, MEXT), Mr. Karube (Chairman, Toyota Tsusho), Ambassador Oka (Ministry of Foreign Affairs).

Egyptian members (10 members): Dr. Serag ElDin (Director of Library of Alexandria), Eng. El-Araby (El-Araby Group), Dr. Hassan (Pharco Co.), Prof. Sakr (Academy of Scientific Research and Technology), Prof. Mustafa (MOHE), Prof. Helal (Former Minister of MOHE), D. Abu Bakr (MOIC), Prof. Konsowa (Alexandria Univ, Ambassador Omar (MOFA)).

■ University Council (UC)

UC is the highest decision-making body within the university composed of the President, Vice-President, Secretary-General, Deans and JICA. Under the UC, there are four councils: The Education Council, the Research Council, The International and Regional Affairs Council and the Support Service Council.

■ Japan Supporting Committee

Japan supporting committee consisting of representatives from 13 universities has been established as an advisory board for JICA projects. Prof. Shuji Shimizu (Deputy Director, Kyushu Univ) serves as the chairperson. MoFA, MEXT, JCCME and The Japan Chamber of Commerce and Industry attend the meeting to support E-JUST as all Japan.



E-JUST support configuration diagram

JICA Support

■ Technical Cooperation Project Phase 3

JICA supported the establishment of E-JUST since the preparatory stages through the "E-JUST Project (Oct 2008-Jan 2014)" and contributed to the establishment of the engineering graduate school. "E-JUST Project Phase 2 (Feb 2014 to Jan 2019)" was started for strengthening the foundation of engineering graduate schools as well as supported the establishment of the FoE and the FIBH which were successfully launched in Sep 2017. In addition, "E-JUST Project Phase 3 (Feb 2019-Jan 2025)" has started for 1) improving the quality of research and education, 2) implementing liberal arts education, 3) strengthening networks with academic institutions and industry inside and outside Egypt, 4) strengthening university management capacity, and 5) accepting international students.

■ Grant Aid

E-JUST Education/Research Equipment Procurement Plan: Provision of education/research equipment for FoE. The 1st plan (2016-2023) mainly provides equipment for 1st and 2nd year students, and the 2nd plan (2017-2022) mainly provides equipment for 3rd and 4th year students. The total value for both plans is 2.99 billion yen.

Plan to Introduce Clean Energy and Utilizing Solar Energy: Plan to install solar panels (grid-connected solar power generation facility (420 kW)) on E-JUST's secondary campus. The budget scale is 970 million yen. The installation has already been completed. E-JUST is currently considering the development of research activities using this facility.

■ **Dispatch of Japan Overseas Cooperation Volunteers:** From 2021, Mr. Homma, Japan Overseas Cooperation Volunteers (JOCV), is engaged in promotion of students' extracurricular activities such as sports and culture. In July 2023, one Japanese language teacher is planned to be dispatched.

■ Egypt Japan Education Partnership (EJEP)

When President El-Sisi visited Japan in February 2016, he held a summit meeting with Prime Minister Abe, where the Egypt-Japan Education Partnership (EJEP) was launched. The document is set as "A joint partnership on education aimed at empowering Egyptian youth as an important pillar of their efforts to combat terrorism and extremism and promote peace, stability, development". Based on the EJEP, the Japanese government has implemented the "Project for Improving the Quality of Preschool Education and

Childcare" in preschool education, the "Project for Improving the Environment for Improving the Quality of Learning" focusing on special activities in primary education, and the "Technical education improvement project" and "Human resource development project (Egyptian-Japan educational partnership)" for studying and short-term training in Japan. E-JUST is also included as a part of EJEP stating that the two governments will cooperate in establishing engineering faculties and international business/humanities graduate schools/faculties.

E-JUST Information Resources

■ Web Site

www.ejust.edu.eg

www.jica.go.jp/project/egypt/010/index.html

■ Books

Takasei Okano (2022), Establish the University of Science and Technology in Egypt, Saiki Communications Publishing.

■ Published Paper

Satoshi Goto, Hany Helal, Yousry El Gamal, Ahmed El Gohary et al. (2021), Global Chemical Society Series Egypt Edition, The Institute of Electronics, Information and Communication Engineers. 104(4)

Shinichi Okawara (2020), E-JUST Practice of Japanese-style engineering education and research in the Middle East and Africa, Pedrotech. 43(9) pp.45-49
Setoguchi, N. (2016), Current state of engineering education and degree conferment at Egypt-Japan University of Science and Technology, University evaluation and degree research. 17, pp.53-63

Contacts

■ E-JUST Main Campus

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Phone: 16448 Fax: 03-4600004

■ E-JUST Cairo Center

Address: Concordia Building, B2111, Smart Village, Cairo Alex Road, Postal Code 12577, Giza

Phone: +2 35371712/35371713

■ E-JUST Hotel Borg El Arab

https://www.booking.com/hotel/eg/e-just-borg-al-arab.ja.html?auth_success=1

■ CINTEC Contacts

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