

Egypt-Japan KOSSEN (EJ-KOSSEN)

Admission Policy and Guidelines

(July 2025)

The Egypt-Japan KOSSEN (EJ-KOSSEN) College, Sultan El Owais is a specialized technical education institution that provides a unique blend of academic knowledge and hands-on practical training. The institution follows the Japanese KOSSEN model, which has been adapted to align with Egyptian educational regulations. The admission policy ensures that only students with strong academic backgrounds, technical aptitude, and a passion for STEM disciplines are selected.

This document outlines the admission policy and guidelines for the admission process, ensuring transparency, fairness, and equal opportunity for all eligible students.

PART I: ADMISSION POLICY

1. The Type of Student We Are Looking For

EJ-KOSSEN seeks to nurture creative, ethical engineers equipped with academic excellence, hands-on skills, and global perspective. We welcome students who:

- Enjoy mathematics and science and aspire to apply them in innovative technologies.
- Are interested in the field of engineering, and practical learning.
- Possess communication, collaboration, and problem-solving skills.
- Have the will to play an active role as an engineer who supports society in the future with an international sense and humanity.

2. Basic Policy for Selecting Students

Admission to EJ-KOSSEN follows a transparent and rigorous process designed to select students who match our desired profile.

2.1. Admission to First-Year Program

Selection is based on:

- **Academic Records:** Minimum 85% overall in Grade 9 (aligning with Advanced Technology Schools standards).
- **Digital Admission Exam:**
 - Covers Mathematics, Science, English, and Logical Thinking (IQ).

- Delivered via a test platform in a secure, proctored environment.

- **Interview:**

- Structured, panel-based, with participation of both Egyptian and Japanese professors.
- Assesses motivation, behavior, and technical aptitude.
- One exam cycle will be conducted each year. However, students who couldn't get the passing score will have only one more chance to retake the exam.

2.2. Progression to Upper Grades and Higher Education:

2.2.1. Progression to 2nd Grade in EJ-KOSSEN:

Students will be distributed to the currently available two tracks/programs (**Robotics and Mechatronics Program & Computer Science and AI Program**) according to their preferences under the following conditions:

- The top 80 students in terms of overall grades will be placed in order of preference.
- For students ranked 81st or below, priority will be given to combined mathematics and science standings, and students will be placed in order of preference.
- If a program reaches capacity, students will be placed in an unfilled program.

2.2.2. Progression to Higher Education Institutions:

Students who successfully complete the **five-year EJ-KOSSEN program** and meet the admission requirements stipulated by the relevant higher education institutions will be eligible to **apply for direct enrollment into the third year** of higher education institutions (not limited to **engineering faculties, computer science, or applied technology colleges**).

3. Graduation and Military Service

- Graduates receive a Higher Diploma in Engineering Technology.
- A proposal exists for reduced military service (1 year) equivalent to university graduates.

4. Policy Review

The policy is subject to regular updates in collaboration with the Ministry of Education and Technical Education (MOETE), the Ministry of Higher Education (MOHE), and the Education Development Fund (EDF).

PART II: ADMISSION GUIDELINES

The KOSSEN model, pioneered in Japan since 1962, is a unique 5-year program designed to equip students with practical engineering and technological skills, targeting students aged 15–20. Its core features include:

- **Early Specialization:** Students enroll after preparatory school (Grade 9) and undergo intensive training in fields like robotics, mechatronics, energy systems, and information technology.
- **Hands-On Learning:** Over 30% of coursework involves laboratories, workshops, and industry-linked projects to cultivate problem-solving skills.
- **Continuous Assessment:** A competency-based evaluation system emphasizing creativity, teamwork, and technical mastery over rote learning.
- **Articulation Pathways:** Graduates may pursue advanced degrees at engineering and technological universities or enter the workforce as associate engineers.

In Egypt, the KOSSEN system has been strategically adapted to address the nation's industrial priorities, including renewable energy and advanced manufacturing, while incorporating Japan's core principles of *monozukuri* (craftsmanship) and *kaizen* (continuous improvement). This model seamlessly integrates specialized coursework with extensive hands-on training, equipping students with advanced technical expertise and problem-solving capabilities. EJ-KOSSEN further enhances this approach through cutting-edge laboratories, strong industry collaborations, and structured internship programs, ensuring graduates are well-prepared to meet the evolving demands of both local and global industries.

The academic year at EJ-KOSSEN College consists of two main semesters: Fall and Spring.

1. **Fall Semester:** Begins in the last week of September or the first week of October and runs for 15 weeks, excluding the final examination period.
2. **Spring Semester:** Begins in the last week of February and runs for 15 weeks, excluding the final examination period.

Semester registration must be completed during the two weeks preceding each semester, subject to fulfilling all academic and administrative requirements, including tuition fee payment as determined by the Collage Council.

EJ-KOSEN College follows a specialized five-year study system designed to provide students with a comprehensive advanced technological education that integrates theoretical knowledge with hands-on practical training. The program is structured into two main phases: **the first three years** (foundation phase) and **the last two years** (specialization phase).

During the first three years, students receive a strong foundation in mathematics, physics, basic engineering principles, computer science, and language skills. This phase also includes general education courses and introductory engineering subjects to prepare students for advanced specialization. In the final two years, students focus on specialized engineering courses in their chosen field, such as **Robotics and Mechatronics Program & Computer Science and AI Program**. This phase includes intensive laboratory work, industrial training, and project-based learning to develop practical problem-solving skills.

Programs	Quota
Robotics and Mechatronics (RME)	160 (shared across both programs)
Computer Science and Artificial Intelligence (CS&AI)	

The students of the two programs are going to study the same courses in the first two semesters, and they will start applied engineering courses towards their major specialization from the **third semester**.

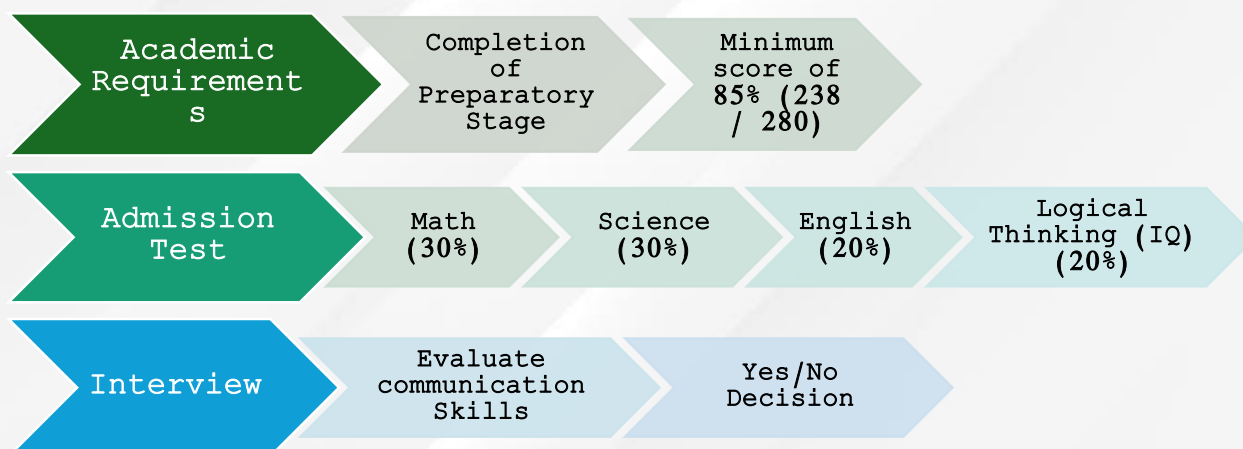
As shown in the table above, for the first cohort at EJ-KOSEN, the total number of enrolled students will be **160 students**, who will be distributed to two main tracks, based on preference and academic performance during the first school year.

1. Admission Criteria

1.1 Eligibility Requirements

Applicants must meet the following criteria:

- **Educational Background:** Must have successfully completed preparatory education (junior high school) in Egypt or an equivalent recognized international qualification.
- **Age Requirement:** Applicants should be no less than **15 years old** at the time of admission.
- **Academic Performance:** A minimum of **85% overall score** in preparatory school, with a strong focus on mathematics, science, and technical subjects.
- **Language Proficiency:** Basic English proficiency is required as all courses will be conducted in English except for national subjects such as Arabic, History, and Religion.
- **Health and Physical Fitness:** Candidates must be in good health to participate in both academic and practical training sessions. **Students with special needs** will have the opportunity to join EJ-KOSEN in the following phases of the project.



2. Application Procedures

2.1 Admission Timeline

Stage	Date
Application Period	21– 31 July
Entrance Examination	4 – 8 August (can be extended to 13 August)
Interviews	18 – 22 August
Final Results	7 September
Enrollment	8 – 21 September

2.2 Submission Process

- Applications must be submitted through the **official EJ-KOSEN online portal**.

- The application process is complete **only after** all required documents have been submitted within the specified period and the **examination fees (as determined by the institution)** has been paid.
- Application **deadlines and procedures** will be announced annually on the KOSEN website.
- All required documents should be submitted electronically via the registration form available on the EDF website before the deadline. (**In-person submissions are not accepted**).

2.3 Required Application Documents

Applicants must submit the following documents:

1. **Recent Photo** – A recent passport-sized photo (taken within the last three months), uploaded to the web application system.
2. **Academic Records (Transcripts)** – Official preparatory school transcript issued by the Ministry of Education.
3. **National ID/Birth Certificate** – A copy of the applicant's official identification.
4. A **Medical Report** from any hospital proving the applicant's **physical and health fitness**.
5. **Additional Documents** – Any other materials requested by the admissions office.

3. Selection Process

3.1 Evaluation Criteria

Selection will be based on a comprehensive review of the following factors:

- **Academic Performance** (School transcripts and preparatory education results). The minimum score to be eligible for the EJ-Kosen is **85%**.
- **Entrance Examination Scores** (Math, Science, English, and IQ test). To qualify to the interview stage, the applicant must achieve a minimum score of **50% in the four exam fields**.
- **Interview Performance** (Assessment of motivation, technical aptitude, and problem-solving skills). The qualified students will have an interview, which will last for **12-15 minutes**.
- **The final decision** depends on an accumulation of the scores of each student in the three stages.

3.2 Entrance Examination

- **Exam Format:** The test is **computerized and conducted online**.
- **Test Areas:** Mathematics, Science, English, and Logical Thinking (IQ).

- **Structure:** The exam consists of **two sessions, each lasting 90 minutes**.
- **Questions:** Each subject includes **60 multiple-choice questions (MCQs)**.
- **Weight Distribution:**

- Mathematics: **30%**
- Science: **30%**
- English: **20%**
- Logical Thinking (IQ): **20%**

***The exam score** will appear on each applicant's screen once he/she submits his/her answers.

- **Test Centers:**
 - For first cohort, tests will be held in two venues: (**PVTD at 10th of Ramadan city & EDF premises at 6th of October city**); these two venues might be increased to meet the increasing demand in the upcoming years.
 - Students will have the ability to choose the nearest or most reachable test center during the process of registration.
 - Centers will have:
 - Secure devices
 - Stable internet
 - Emergency protocols and technical support

3.3 Interview

- **Purpose:** Evaluates the student's motivation, technical aptitude and behavior.
- **Weightage:** The interview result will be a **Yes/No decision**. The decision depends on the evaluation of the Egyptian and Japanese experts taking part in the panel.
- **Format:** Structured panel interviews conducted in-person in two Venues (PVTD at 10th of Ramadan & EDF at 6th of October).

4. Enrollment Procedures

4.1 Date, Time, and Place

- Enrollment for successful candidates will take place at the **designated KOSEN admission office**.
- Applicants who pass the **main admission selection** must complete their enrollment on the specified date.

4.2 Required Enrollment Steps

- Submission of **final academic records and identification documents**.
- Payment of the **tuition fees, which are 15.000 Egyptian Pounds**.
- Receipt of the **official admission permit**.
- Orientation and course registration.
- If a student is unable to complete the enrollment procedures due to special circumstances, they must contact **the Academic and Student Affairs Department** in advance.

4.3 Transfers:

The transfer policy for EJ-KOSEN students is defined as follows:

- **Transfer from Public or Technical Schools to EJ-KOSEN:**

At present, **NO transfer** from other public or technical schools into EJ-KOSEN will be permitted. Admission to EJ-KOSEN is only through the official entrance examination process.

- **Transfer from EJ-KOSEN to Public Schools:**

- Students who are enrolled in EJ-KOSEN and wish to transfer to public schools will be allowed to transfer only to **public secondary schools**.
- In case the student **passed the first year** of EJ-KOSEN, he/she would be able to transfer to the second year of a public secondary school, but he/she will need to take a summer course to cover the uncovered learning outcomes in the first year.
- In case the student **passed the second year** of EJ-KOSEN, he/she would not be able to transfer to the third year of a public secondary school due to the difference in curricula. In addition, the newly launched Egyptian Baccalaureate will not allow students to transfer to the third year of secondary school. Therefore, the student would be able to transfer to the second year of public secondary school after taking a summer course to cover all learning outcomes required by the MOETE (If needed).
- In case the student failed the first year of EJ-KOSEN twice, it would be obligatory for him/her to transfer to the first year of a public secondary school.

5. Handling of Personal Information

In accordance with Egyptian data protection laws, the **EJ-KOSEN** will handle all personal information with strict confidentiality and security. The institution follows these principles:

1. Personal information will only be collected when necessary for legally mandated academic and administrative purposes.
2. The purpose of collecting personal information will be clearly communicated to applicants.
3. All personal information will be securely stored and managed to prevent unauthorized access or disclosure.
4. Personal information will not be used for any purpose other than its stated use, nor will it be shared with third parties except when required by law.

Personal information collected during the application and selection process (such as exam scores and interview evaluations) may also be used for:

- **Educational support and student guidance after enrollment.**
- **Processing applications for tuition fee waivers and financial aid.**
- **Evaluating scholarship applications.**
- **Research and analysis to improve the institution's educational and selection processes.**

6. Notification of Results

6.1 Announcement of Results:

- Admission results will be announced **through the official EJ-KOSEN online portal / via emails.**

6.2 Content of Notification:

The notification will include:

- **Pass/Fail decision.**
- **Detailed score report** in each subject area (Mathematics, Science, English, Logical Thinking/IQ) for each applicant.

6.3 Access to Results:

- All applicants will automatically be able to view their own individual scores **at the time of the result announcement**, without the need for a separate disclosure request.

6.4 Confidentiality:

- Individual scores will be disclosed only to the applicant. **Rankings or comparative standings will not be disclosed** to maintain privacy and fairness.

6.5 Appeals and Inquiries:

- EJ-KOSEN does not accept appeals regarding the evaluation of entrance examination results. However, inquiries about technical issues related to accessing the results can be submitted to the Admissions Office within **one week** after the results announcement.

7. Tuition Fees, Grants & Scholarships

7.1. Tuition Fees:

- The tuition fees for the **first cohort** are fixed at **15,000 Egyptian Pounds per year** for the entire **five-year program**.
- The enrolled students don't have to pay the total amount at the beginning of the school year. The fees can be paid in four equal installments throughout the academic year.

7.2. Grants & Scholarships:

EJ-KOSEN, in cooperation with other donors, is committed to supporting access to high-quality technical education for deserving students through a structured scholarship program. For the 2025 intake, **100 students** will be eligible for **50% funded scholarships** covering tuition fees and key educational expenses.

7.2.1. Distribution of Scholarships, Decision Making & Gender Equality

A. Distribution of Scholarships

Scholarships will be **equitably distributed** across the following two categories:

i. Academic Excellence

A portion of the scholarships will be awarded to students who have demonstrated outstanding academic performance in preparatory education (e.g., scoring **95% or higher** in Grade 9).

ii. Socioeconomic Need

Another portion will be reserved for students from **low-income backgrounds**, based on valid documentation and financial assessment.

The **distribution ratio** between these two categories will be reviewed annually and proposed by the **EJ-KOSEN Scholarship Committee**, in consultation with donor organizations. A suggested initial split is **50% academic excellence** and **50% socioeconomic need**, but this can be adjusted based on the applicant pool and funding agreements.

B. Gender Equity Consideration

As part of EJ-KOSEN's commitment to **gender equity**, the scholarship process will actively support the inclusion of **female students**, particularly in STEM fields where women are underrepresented.

This will be operationalized by:

- Prioritizing equally qualified female applicants in cases where candidates are otherwise tied in evaluation.
- Setting a **minimum gender target** within scholarship recipients where applicable.
- Engaging in outreach and awareness to encourage more girls to apply and benefit from the scholarship program.

7.2.2. Eligibility Criteria

To be considered for a scholarship, applicants must meet the following **general eligibility requirements** (specific allocations may have additional conditions):

- **Be officially admitted** to EJ-KOSEN through the standard admission process (including passing the entrance exam and interview).
- **Submit a complete scholarship application** during the admission process, indicating interest in the program.
- **Provide all supporting documents** required for the relevant category, such as:
 - Official Grade 9 transcript (for academic excellence)
 - Valid income verification documents (for financial need)

7.2.3 Scholarship Continuation and Annual Evaluation

Scholarships awarded to students are subject to annual review to ensure continued eligibility and to encourage sustained academic and behavioral excellence.

8. Compliance and Review

This admission policy is subject to periodic review and updates to align with advancements in education, industry needs, and national policies.

This document serves as the official admission policy for the E-J KOSEN College. Any updates or changes will be communicated through official channels.