

# Egypt-Japan KOSEN (EJ-KOSEN)

## Admission Policy and Guidelines

### (Academic Year 2026/2027)

## PART I: ADMISSION POLICY

The Egypt-Japan KOSEN (EJ-KOSEN) 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 KOSEN 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.

### 1. The KOSEN Model in Egypt

The KOSEN 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 KOSEN 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-KOSEN 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.

### 2. Desired / Required Student Profile

EJ-KOSEN 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.

### **3. Basic Policy for Selecting Students**

Admission to EJ-KOSEN follows a transparent and rigorous process designed to select students who match our desired profile. Applicants must meet a minimum academic standard defined annually.

### **4. Governance and Policy Review**

- All personal data is handled under Egyptian Data Protection Laws and used solely for academic and guidance purposes.
- The policy is subject to regular updates in collaboration with the Education Development Fund (EDF), the Ministry of Higher Education (MOHE), and the Ministry of Education and Technical Education (MOETE).

## PART II: ADMISSION GUIDELINES for AY 2026-2027

### 1. Admission Schedule (2026 Cycle)

As a general rule, one entrance examination cycle is conducted annually.

Stage	Start Date	End Date
Application Period	14 June	1 July
Entrance Examination	18 July	22 July
Interviews	9 August	13 August

### 2. Eligibility Requirements

Applicants must meet the following eligibility requirements to apply for admission to EJ-KOSEN.

- **Academic Background:** Must have completed the Egyptian Preparatory Education (Grade 9) or its equivalent, in accordance with national education regulations.
- **Academic Performance:** Must have achieved a minimum overall score of 85% in the preparatory school
- **Language Requirement:** Proficiency in English (as it is the language of instruction for all subjects, except Arabic, History, ).
- **Health:** Must be physically fit for practical training.
- **Nationality:** Must have Egyptian nationality.

### 3. Required Application Documents and How to Apply

#### 3.1. Required 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.

#### 3.2. How to Apply

Application is through EJ-KOSEN official website (URL to be added)

### 4. Screening Process

#### 4.1. Document Screening

- Document screening is conducted to verify that applicants meet the eligibility requirements and have submitted all required application documents.

- Only applicants who successfully pass the document screening stage will be invited to proceed to the entrance examination.

#### **4.2. Computer-based Entrance Examination (Academic and Aptitude Assessment)**

##### **<Exam Language>**

Exam language is only English)

##### **<Subjects>**

Mathematics, Science, English, and Logical Thinking (IQ).

##### **<Subject Weighting>**

Mathematics (30%), Science (30%), English (20%), and Logical Thinking (20%)

##### **<Exam Structure>**

**Structure:** The examination consists of two sessions of 90 minutes each.

**Session 1:** Mathematics and English

**Session 2:** Science and Logical Thinking (IQ)

In each session, applicants take two subjects. A break is provided between the sessions.

**Format:** Multiple Choice Questions (MCQs)

##### **<Testing Canters>**

- PVTD – 10th of Ramadan

Only applicants who successfully pass the entrance examination stage will be invited to proceed to the interview.

#### **4.3. Panel Interview (Personality and Attitude Assessment)**

- An in-person interview conducted by a panel of Egyptian and Japanese experts.
- It assesses the student's motivation, behavioural traits, and commitment for practical learning.

Final admission decisions are made through a multi-stage selection process. Applicants who pass each stage proceed to the next, and the final decision is based on an overall evaluation of performance across all stages.

### **5. Exam Retakes**

Applicants may be granted the opportunity to retake the entrance examination once, subject to approval by the Examination Committee.

### **6. Notification of Final Result**

Final admission decisions will be announced through the official portal and by email after completion of all selection stages.

### **7. Application Fee and Payment Method**

**Application Fee:** 250 EGP

**How to pay:** Through EJ-KOSEN website during application process

## **8. Enrolment Procedures**

Enrolment for successful candidates will be conducted at a designated location specified by the EJ-KOSEN. Candidates who pass the admission selection must complete the enrolment procedures on the specified date.

### **<Required Enrolment Steps>**

- Submission of final academic records and identification documents.
- Payment of tuition fees.
- Receipt of the official acceptance email.
- Participation in orientation.

If a candidate is unable to complete the enrolment procedures due to special circumstances, they must contact the Academic and Student Affairs Department in advance.

## **Part III: Additional Important Information**

The following information is provided to help applicants and parents understand the overall academic structure after admission. Detailed rules and procedures regarding progression, track allocation, and transfer are governed by separate academic regulations and may be updated as the institution develops.

### **1. Tuition**

<Annual Tuition> 20,000EGP

<Payment Plan> Fees may be paid in two equal instalments throughout the academic year.

### **2. Academic Calendar**

- The academic year consists of two 15-week semesters.
- Fall Semester: Begins late September/early October.
- Spring Semester: Begins in February.
- Registration must be completed during the two weeks preceding each semester.

### **3. Progression into Upper Grades**

- EJ-KOSEN offers two distinct tracks: Smart Robotics and Mechatronics and Computer Science and Electronics. These tracks are further specialized through four targeted programs designed to align with industry needs. Specifically, students within the Smart Robotics and Mechatronics program can choose between the Mechatronics and Robotics program or the Green Energy program. Meanwhile, students in the Computer Science and Electronics track can specialize in either Computer Science and Artificial Intelligence program or Microelectronics program.
- The selection process follows a two-tiered approach: students first choose their specific track in Year 2, followed by a specialized program selection in Year 4. Under the Smart Robotics and Mechatronics track, students can choose between the Mechatronics and Robotics or Green Energy programs. For those in Computer Science and Electronics, the available programs are Computer Science and Artificial Intelligence or Microelectronics. Enrolment in both tracks and programs depends on student grades and program capacity.

### **4. Transfer Policy**

#### **<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.
- The student who passed the first year of EJ-KOSEN would be able to transfer to the second year of a public secondary school according to the regulation of Ministry of

Education, but he/she will need to take a summer course to cover the uncovered learning outcomes in the first year.

- The student who passed the second year of EJ-KOSEN would not be able to transfer to the third year of a public secondary school due to the difference in curricula. Instead, the student would be able to transfer to the second year of public secondary school according to the regulation of Ministry of Education, 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. Academic Credential**

Graduates are awarded an Advanced Diploma of Technological Education.

## **6. Higher Education**

Graduates completing the 5-year program may apply for direct enrolment into the 3rd year of relevant higher education institutions (Faculties of Engineering, Computer Science, or Applied Technology). Their acceptance in these universities depends on the universities' requirements and passing any required entrance examination and according to the regulation of Ministry of Higher Education.

## **7. Military Service**

A proposal is currently under review for a reduced military service duration (1 year), equivalent to university graduates.