

I. Vacancy: Assistant/Associate Professor in Embedded Systems and Robotics Engineering

Category: Faculty Positions, Faculty of Engineering.

Type: Full-Time.

Location: Université Française d'Égypte, Shorouk City, Cairo.

About Université Française d'Egypte

Université Française d'Égypte (UFE) is a national (Ahleya), non-profit university offering multidisciplinary education and research under the joint supervision of the Egyptian and French Ministries of Higher Education. Established in 2002 and strengthened by an intergovernmental agreement in 2019, UFE provides English-taught and French-taught programs, blending French academic excellence with global standards.

As part of our continuous expansion, we are seeking exceptional faculty members to join our team in the Faculty of Engineering to support our Artificial Intelligence and Data Science Engineering program.

Position Overview

We invite applications for Assistant Professor rank in Embedded Systems and Robotics. Successful candidates will contribute to the university's mission by delivering high-quality teaching, conducting impactful research directly related to the worldwide sustainable development goals, and fostering industry partnerships.

Key Responsibilities

- Teach undergraduate and graduate courses in Embedded Systems, Robotics, Microcontroller Programming, Real-Time Systems, IoT, and related fields.
- Deliver courses in Physics for Engineering as part of the general education curriculum.
- Engage in innovative research, publish in reputable academic journals and participate in international specialized conferences.
- Secure research funding and develop industry partnerships for collaborative projects.
- Contribute to curriculum development and program accreditation.
- Supervise undergraduate and graduate students in research projects.
- Mentor and lead students in student activities, projects, thesis work, entrepreneurship initiatives, hackathons and competitions.
- Participate in research seminars, workshops, community outreach and university service activities.

Required Qualifications

- Ph.D. in Embedded Systems, Robotics, or a closely related discipline from a recognized institution.
- Strong teaching record, with experience in Physics for Engineering or related courses.

- Strong research record with publications in top journals and conferences.
- Demonstrated excellence in student mentorship.
- Ability to integrate theory and practice in Embedded Systems, Robotics and IoT applications.
- Track record in securing external research funding and industry collaboration.
- Active engagement in professional networks and organizations.
- Fluent English language, with excellent verbal and communication skills.
- Familiarity with French language is a plus.

Preferred Qualifications

- Industry experiences or strong ties to embedded systems and robotics-driven industries.
- Experience in embedded systems and robotics applications for different domains, i.e., healthcare, agriculture, or autonomous systems.
- Familiarity with accreditation standards and quality assurance processes.
- A strong commitment to entrepreneurship and innovation in embedded systems and robotics.
- Strong ties to industrial R&D labs and governmental research initiatives.
- A passion for mentoring students in innovation and entrepreneurship.

How to Apply

Please send all application materials electronically. Interested candidates should submit the following:

1. A cover letter outlining your interest in the position, including your approach to teaching, research, and industry collaboration.
2. A detailed curriculum vitae (CV) showcasing your academic, research, and achievements, including contact information for 3 professional references.
3. A statement that outlines your contributions in academia, research, entrepreneurship, and industry engagement.
4. Any other supporting documents (Awards, Grants, Membership, Community impact).

Interested applicants should send applications to: cv@ufe.edu.eg and sherin.moussa@ufe.edu.eg

Email subject title: Faculty Position in Embedded Systems.

Application deadline: **August 31, 2025.**