

## Postdoctoral Fellowship Opportunity United Arab Emirates University

Direct Link: <https://www.AcademicKeys.com/r?job=253472>

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Posted Feb. 19, 2025, set to expire Jun. 21, 2025

**Job Title** Postdoctoral Fellowship Opportunity  
**Department** Electrical Engineering  
<https://www.uaeu.ac.ae/en/eng/departments/elect.shtml>  
**Institution** United Arab Emirates University  
Abu Dhabi, Al Ain, United Arab Emirates

**Date Posted** Feb. 19, 2025

**Application Deadline** Feb. 28, 2025

**Position Start Date** May 1, 2025

**Job Categories** Post-Doc

**Academic Field(s)** Robotics  
Electrical and/or Electronics  
Computer Engineering  
Computer Science  
Aerospace/Aeronautical/Astronautics

**Job Website** [https://www.linkedin.com/posts/akalbat\\_uae-activity-7297237876805636098-mKvP?utm\\_source=share&utm\\_medium=member\\_desktop&rcm=ACoAAAI0y2EBxToiKRcMea](https://www.linkedin.com/posts/akalbat_uae-activity-7297237876805636098-mKvP?utm_source=share&utm_medium=member_desktop&rcm=ACoAAAI0y2EBxToiKRcMea)

**Apply By Email** [akalbat@uae.ac.ae](mailto:akalbat@uae.ac.ae)

**Job Description**

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The United Arab Emirates University (UAEU) invites applications for the Postdoctoral Fellowship on Industry 4.0, an initiative designed to foster research excellence in key technological domains that drive the Fourth Industrial Revolution (4IR). This program aligns with UAEU's strategic vision and District 4.0 initiative, positioning the university as a leader in cutting-edge research and innovation.

### Eligibility Criteria

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- ? Ph.D. in a relevant discipline (e.g., Electrical Engineering, Computer Science, Mechanical Engineering, Industrial Engineering, Material Science or related fields).
- ? Strong research record in Industry 4.0 technologies with a record of publications in high-impact journals.
- ? Experience with experimental and computational tools related to 4IR technologies.
- ? A demonstrated ability to work in interdisciplinary and collaborative research environments.

### Application Process

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- ? Detailed CV including a list of publications.
- ? Research proposal (maximum 3 pages) aligned with one or more of the focus areas.
- ? Contact details of two academic referees.
- ? Cover letter outlining how your expertise aligns with Industry 4.0 research at UAEU.
- ? Support letter from a UAEU faculty member or research center, serving as the host principal investigator (PI).

### My Preferred Research Areas

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#### **AI, Robotics and Automation:**

- Swarm and collaborative robots, multi-agent systems (including drones and self-driving cars)
- AI and robotics applications in logistics
- Ethical considerations in AI and robotics

#### **Smart Grid and Smart Cities:**

- Data analytics, IoT, and blockchain in smart cities
- Energy management and optimization in smart grids

#### **Advanced Manufacturing:**

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- Large-scale and distributed manufacturing networks

If you meet the eligibility criteria and are interested in one or more of the topics above, please email your CV to [akalbat@uaeu.ac.ae](mailto:akalbat@uaeu.ac.ae) with the subject "Kalbat - Industry 4.0 Postdoctoral Fellowship."

Only shortlisted candidates will be contacted, and we will collaborate to prepare the application.

Feel free to share this post with your connections!

Proposal Deadline: February 28, 2025

Dr. Abdulrahman Kalbat  
Project Manager of Industry District 4.0 at UAEU  
Assistant Professor  
Electrical and Communication Engineering Department  
[akalbat@uaeu.ac.ae](mailto:akalbat@uaeu.ac.ae)

### Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

**Contact** Dr. Abdulrahman Kalbat  
Electrical Engineering  
United Arab Emirates University  
Abu Dhabi, Al Ain 00000  
United Arab Emirates

**Phone Number** 00971504291462

**Contact E-mail** [akalbat@uaeu.ac.ae](mailto:akalbat@uaeu.ac.ae)