

Assistant Professor/Associate Professor/Full Professor in
Avionics and Flight Control Systems
UAE University

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Posted Apr. 17, 2024, set to expire Mar. 15, 2025

Job Title	Assistant Professor/Associate Professor/Full Professor in Avionics and Flight Control Systems
Department	College of Engineering
Institution	UAE University Al-Ain, Abu Dhabi, United Arab Emirates
Date Posted	Apr. 17, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Assistant Professor Associate Professor Professor
Academic Field(s)	Aerospace/Aeronautical/Astronautics Engineering - Other
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Job Description

The Mechanical and Aerospace Engineering Department at United Arab Emirates University (UAEU) invites applications for a full-time faculty position. Qualified candidates at all levels will be considered at a rank commensurate with academic accomplishments. We are seeking a candidate to build a reputable independent research program in Advanced Air Mobility & Aviation. In this general area, we are particularly interested in Unmanned Aerial Vehicles (UAVs) Integration, Urban Air Mobility (UAM), Electric Aircraft, Autonomous Flight Systems, Airworthiness, and Aviation Management. Other sub-areas of expertise within the general area will also be considered. The successful candidate will develop and lead a sustainable, innovative, independent research program, will publish impactful

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research in top-ranked, field-related refereed journals, and will build reputation nationally and internationally to elevate UAEU's international reputation. The successful candidate will have strong commitment to undergraduate and graduate teaching and education, including but are not limited to, developing courses enhance our undergraduate and graduate programs, mentoring students. Successful candidates will have access to advanced laboratory facilities, opportunities for internal research funding, and collaboration with Centers of Excellence. UAEU is renowned for its commitment to academic excellence and research innovation. The application package should include a cover letter, a detailed resume, statements of current and future research, and teaching philosophies. English is the language of instruction and communication. The start date for this position is August 2024. English is the language of instruction and communication. Screening of applications will continue until the position is filled.

Minimum Qualification:

Ph.D. in Aerospace Engineering or a closely related field from an internationally recognized university at the time of appointment or shortly thereafter. Research track-record commensurate with the rank applied for. The ability to teach undergraduate and graduate courses is a must.

Preferred Qualification

B.Sc./B.Eng. degree in Aerospace Engineering preferred. Industrial and professional experience is a plus. Expertise in Aerospace Propulsion. In this general area, we are particularly interested in areas such avionics, flight control systems, and AI applications in aerospace engineering ranging from autonomous system navigation and AI-driven decision-making processes to machine learning algorithms for optimizing flight control and safety systems.

Rank/Experience/Skill Set

Develop and lead a sustainable, innovative, independent research program, publish impactful research in top-ranked, field-related refereed journals, build reputation nationally and internationally to elevate UAEU's international reputation. Dedication to teaching at undergraduate and graduate levels in Aerospace and Mechanical Engineering. Ability to work effectively with diverse groups. Experience in/strong commitment to engineering education including but are not limited to, curriculum, advising undergraduates, and pedagogical approaches development.

College/Department

Mechanical & Aerospace Eng.-(COE)

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Instruction to Applicant

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Contact Information

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

Contact

College of Engineering
UAE University
Al-Ain, Abu Dhabi
United Arab Emirates