

## Assistant Professor

Ecole/Institution/Société:

**Khalifa University, United Arab Emirates / Abu Dhabi**

Discipline:

**Bioengineering, Biomedical Engineering**

Type d'emploi::

**Full-time**

Date de publication:

**2021-10-17**

Personne à contacter:

**If you wish to apply for this position, please specify that you saw it on AKATECH.tech**

### **Professor/Assistant Professor/Associate Professor in Biomedical Engineering**

#### **ABOUT UNIVERSITY**

Khalifa University is a world-class, research-intensive institution in Abu Dhabi, the capital city of the United Arab Emirates (UAE). The University's mission is to seamlessly integrate research and education to produce world leaders and critical thinkers in science, engineering and medicine, and also to be a catalyst towards Abu Dhabi's 2030 vision for a knowledge-based economy.

Khalifa University has two campuses in the city of Abu Dhabi - the KU Main Campus and the Sas Al Nakhl Campus, the latter housing two of KU's flagship research institutes: Masdar Institute and Petroleum Institute.

#### **BRIEF DESCRIPTION**

The BME Department houses state of the art electro physiology, human movement, cell culture, tissue engineering, molecular biology, and genetics laboratories as well as a zebra fish laboratory in the UAE. The Department has a vibrant team of internationally experienced faculty who have been very successful in attracting research funding over a number of years.

Detailed information can be found at: <http://www.ku.ac.ae/pages/department-of-biomedical-engineering/>.

#### **DETAILED DESCRIPTION**

The Department invites applications for faculty positions in all ranks, and while exceptional candidates in any discipline relevant to Biomedical Engineering are sought, particular emphasis is for candidates with background in one or more of the following areas:

- Biomechanics (Musculoskeletalor Tissue)
- Biomaterials, Human Movement Analysis
- Biorobotics, Bionics
- Neuroengineering
- Neurophysiology
- Medical Imaging
- Computational Modeling in Biomedical Systems

- Computational Neuroscience
- Affective Computing
- Active and Healthy Ageing
- Advance Biosignal Processing
- Artificial Intelligence/Machine Learning in Health
- Wearable Biomedical Sensors, or closely related areas of Biomedical Engineering.

The candidate is expected to have a strong research potential, demonstrated by relevant publications in high-impact journals, and teaching experience in the above-mentioned areas. The candidate must possess excellent communication skills.

Successful candidates are expected to teach at the undergraduate and graduate levels, establish and maintain active research programs that lead to peer-reviewed publications in high-impact professional journals, and provide service to the department, the university, and the profession. Successful candidates are also expected to be involved in thematic research within one or more of the University's research priority areas.

## **JOB REQUIREMENTS**

A Ph.D. or equivalent doctorate in related discipline from an accredited institution is required. Preference will be given to candidates with education from and/or previous service in pre-eminent institutions of higher education.

Applicants should submit an online application at [RecruitmentTeam@ku.ac.ae](mailto:RecruitmentTeam@ku.ac.ae). All applicants should submit an online application via the portal.

## **HOW TO APPLY**

A complete application includes curriculum vitae, cover letter, photo, and the names and contact information of three references

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