

Associate Professor/ Assistant Professor Mechanical
Engineering (Smart Manufacturing)
University of Doha for Science and Technology

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Posted Oct. 28, 2024, set to expire May 4, 2025

Job Title	Associate Professor/ Assistant Professor Mechanical Engineering (Smart Manufacturing)
Department	College of Engineering and Technology
Institution	University of Doha for Science and Technology Doha, Doha, Qatar
Date Posted	Oct. 28, 2024
Application Deadline	Open until Filled
Position Start Date	August 2025
Job Categories	Assistant Professor Associate Professor
Academic Field(s)	Mechatronics Mechanical Engineering Manufacturing & Quality Engineering
Job Website	https://www.udst.edu.qa/
Apply Online Here	https://academiccareers-udst.icims.com/jobs/3723/00001322---mechanical-engineering---smart-manufacturing/job?in_iframe=1

Apply By Email

Job Description

University of Doha for Science and Technology (UDST) was officially established by the Emiri Decision No13 of 2022, and it is the first national university specializing in academic applied, technical, and professional education in the State of Qatar. UDST has over 70 bachelor's and master's degree programs, diplomas, and certificates. The university houses 5 colleges: The College of Business, the College of Computing and Information Technology, the College of Engineering and Technology, the College of Health Sciences, and the College of

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General Education, in addition to specialized training centers for individuals and companies. UDST is recognized for its student-centered learning and state-of-the-art facilities. Its world-renowned faculty and researchers work on developing the students' skills and help raise well-equipped graduates who proudly serve different sectors of the economy and contribute to achieving human, social, and economic development goals nationally and internationally.

With more than 700 staff and over 8,000 students, UDST is the destination of choice for applied and experiential learning. The University is recognized for its student-centered learning and state-of-the-art facilities. Our faculty are committed to delivering pedagogically-sound learning experiences that incorporate innovative learning technologies. Our aim is to enhance students' skills and help develop talented graduates who can effectively contribute to a knowledge-based economy and make Qatar's National Vision 2030 a reality.

Our eligible employees enjoy competitive compensation and benefits, in accordance with applicable UDST policies. These benefits include:

- Generous academic annual leave
- Tax free salary
- Fully furnished upmarket accommodation (inclusive of utilities: water & electricity)
- Annual flights for spouse and 3 children (up to 18 years old)
- Children's education allowance
- Relocation/Shipping allowance
- Professional development opportunities
- International health insurance
- In-house immigration services (to help you through the residency process)
- Full access to our recreational facilities
- Research and professional development support

The College of Engineering and Technology invites applications for faculty positions in the Mechanical Engineering (Smart Manufacturing) Department at the Associate Professor and Assistant Professor ranks.

Your Commitment

As a faculty member, you will report to the Head of the Department and be responsible for developing, delivering, and evaluating a broad range of courses within Mechanical Engineering (Smart Manufacturing) and related diploma, degree, and graduate programs. You will also evaluate student progress and manage the learning environment resources. The successful candidate will be expected to liaise with industry and other educational institutions, participate in industry advisory committees, and coordinate, manage, and supervise final year/capstone projects within the specified program area.

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You will keep course portfolio documents required for program review and accreditation processes and engage in instructional and new program development. The College encourages applications from research-active faculty members who will also enhance applied research and innovation.

Education and Experience Requirements

Faculty members will be placed in the appropriate rank based on their education and experience. The broad criteria are provided below.

For Associate Professor and Assistant Professor

- A PhD in Manufacturing Engineering or a closely related field, specifically Additive Manufacturing, 3D printing, Subtractive manufacturing, Machining, Digital Twin and Process development, from an internationally recognized and accredited institution.

Experience

- A track record of academic excellence from internationally recognized and accredited institutions.
- A minimum of five (5) years of academic experience after the PhD.
- A minimum of three (3) years of industrial experience related to the field of study.
- Competency in curriculum development, implementation, and evaluation.
- Apply various teaching approaches in the classroom and for practice experiences, including the laboratory, simulation, and practicums.
- Ability to use a variety of educational technology and platforms.
- Demonstrate academic and information literacy skills.

Scholarship and Research

- Demonstrate the ability to initiate and conduct independent applied research with the ambition and potential to make significant contributions at national and international levels.
- Demonstrate the potential for research impact.
- Professional recognition and standing amongst peers.
- Proven track records in publication and firm plans for generating research income.

Other required skills

- Commitment to applied and experiential learning as a pedagogy and a key feature of UDST's mandate.
- Ability to design, develop, deliver, and evaluate authentic learning experiences and assessments incorporating contemporary tools and resources to maximize content learning in context and to develop the knowledge, skills, and attitudes identified in program outcomes.
- Digital literacy and demonstrated fluency in technology systems and an ability to model and facilitate the use of current and emerging digital tools to support research and learning.
- Demonstrate ability to develop technology-enriched learning environments that enable students to participate in their learning actively.
- Commitment to the teaching profession's effectiveness, vitality, and self-renewal through self-driven continuous professional development and life-long learning.

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- Effective oral and written communication skills.
- Collaborative and collegial spirit and a demonstrated ability to establish rapport with learners, colleagues, sponsor-employers, and community members.
- Experience in leadership and innovation in technology-based projects.

How to Apply

Applicants must meet all essential qualifications to be shortlisted for the position; other qualifications may be a deciding factor in selection. Qualifications and experience will be assessed through your application, including but not limited to curricula vitae, cover letters, references, teaching dossiers and Scopus report. It is the applicant's responsibility to provide appropriate examples that illustrate how s/he meets each requirement. Failing to do so could result in the application being rejected. We thank all applicants for applying for the role; only those selected for further consideration will be contacted.

Contact Information

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

Contact

Qatar