

Mechanical Engineering – Smart Manufacturing Faculty-
Associate Professor / Assistant Professor
University Of Doha for Science and Technology

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Posted May 30, 2024, set to expire May 4, 2025

Job Title	Mechanical Engineering – Smart Manufacturing Faculty-Associate Professor / Assistant Professor
Department	College of Engineering and Technology
Institution	University Of Doha for Science and Technology Doha, Doha, Qatar
Date Posted	May 30, 2024
Application Deadline	Open until filled
Position Start Date	August 2024
Job Categories	Faculty Associate Assistant Professor Associate Professor
Academic Field(s)	Robotics Mechanical Engineering
Job Website	https://www.udst.edu.qa/

Apply By Email

Job Description

University of Doha for Science and Technology (UDST) is the first national applied University in the State of Qatar, offering applied Bachelors and Master's degrees in addition to certificates and diplomas in various fields. UDST has over 50 programs in the fields of Engineering Technology and Industrial Trades, Business Management, Computing and Information Technology, Health Sciences, Continuing and Professional Education and more.

With more than 600 staff and over 7,000 students, UDST is the destination for top-notch applied and experiential learning. The University is recognized for its student-centered learning and state-of-the-art

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facilities. Our faculty are committed to delivering pedagogically-sound learning experiences with incorporation of innovative technological interventions, to further enhance students' skills and help develop talented graduates that can effectively contribute to a knowledge-based economy and make Qatar's National Vision 2030 a reality.

The College of Engineering and Technology invites applications for positions of Mechanical Engineering – Smart Manufacturing at Associate Professor, Assistant Professor ranks in the advanced manufacturing and production domains.

Benefits

Our eligible employees enjoy competitive compensation and benefits, in accordance to 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.

Applicants must meet all essential qualifications in order to be shortlisted for the position; other qualifications may be a deciding factor in selection. Qualifications and experience will be assessed through your application, which may include but not be limited to curricula vitae, cover letters, references, teaching dossiers and sample publications. 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.

Your Commitment

Reporting to the Head of the Department, you will be responsible for the development, delivery, and evaluation of a broad range of courses within the Mechanical Engineering manufacturing- Smart Manufacturing program and related courses. You will evaluate student progress and manage the

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resources of the learning environment. The successful candidate will liaise with industry and other educational institutions; participate in industry advisory committees and coordinate, manage, and supervise final year/capstone projects within the Smart Manufacturing program and interdisciplinary area.

You will be involved in delivering lectures and labs and developing new course material. You will also take part in student advisory , report any technical issue in the labs and classrooms and refer struggling students to student counselling department.

You will keep course portfolio documents required for program periodic review and accreditation processes and engage in curriculum development. The College encourages applications from research-active faculty who will also contribute to the enhancement of applied research and innovation.

Education and Experience Requirements

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

For Associate Professor and Assistant Professor

- PhD in Engineering with Smart manufacturing from a well recognized, accredited institution.
- Master's degree in Mechanical Engineering with smart manufacturing relevance such as Mechatronics/ Automation and or robotics engineering.
- Bachelor degree in Mechanical Engineering with smart manufacturing relevance such as Mechatronics/ Automation and or robotics engineering. .

Experience

- A minimum of 3 years industrial experience, relevant to manufacturing setting (research and development and /or equipment operation), including ability to operate and maintain CNC, lathe and milling machines, 3D printers (metal and plastic), water jet and laser beam cutting machines, and other additive/subtractive manufacturing techniques.
- A minimum of five (5) years' experience in academia, demonstrating competence in teaching, curriculum development, implementation, and evaluation.
- Research experience with up to date track records of research output in the area relevant to of Mechanical Engineering and/or Manufacturing engineering.
- Understanding pedagogy in the laboratory, simulation, and practicums reflecting on diverse teaching methods, learning activities, and assessments.
- Demonstrated ability to use a variety of educational technologies and learning platforms.

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Scholarship and Research

- Showing good records of academic and research achievements.
- Contribution to the advancement of knowledge through applied research, scholarly activities, publications in Q1 journals, knowledge transfer or professional practice which would be expected to be international in its scope.
- Professional recognition and standing amongst peers.
- Preference given to candidates with demonstrated contribution to curriculum development .

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 use of current and emerging digital tools to support research and learning.
- Demonstrated ability to develop technology-enriched learning environments that enable students to be active participants in their own learning.
- Commitment to the effectiveness, vitality, and self-renewal of the teaching profession through self-driven continuous professional development and life-long learning.
- Effective oral and written communication skills.
- Collaborative and collegial spirit and a demonstrated ability to establish rapport with learners, colleagues, sponsor-employers, and members of the community.
- Experience in leadership and innovation in technology-based projects.

Contact Information

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

Contact

Qatar

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