

Assistant Professor

Ecole/Institution/Société:

University of Alberta, Canada / Edmonton

Discipline:

Type d'emploi::

Full-time

Date de publication:

2022-03-04

Personne à contacter:

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

Assistant Professor - Engineering Management and Industrial Engineering

University of Alberta

ENG Mechanical Engineering

Competition No. A106747094

While this position welcomes applications from the public, please note that preference will be given to current employees at the University of Alberta. Please indicate your internal status using the "Advertisement" drop down menu when applying.

The Department of Mechanical Engineering at the University of Alberta invites applications for one full-time, tenure-track faculty Assistant Professor position in Engineering Management and Industrial Engineering. This position is part of the University of Alberta's priority to build a diverse faculty; thus, candidates from traditionally underrepresented groups are strongly encouraged to apply. Candidates at other ranks and/or in related areas may be considered in exceptional cases.

The successful candidate will have research expertise in the area of engineering management and industrial engineering, with a focus on operations management, production planning, project management, operations research and optimization, logistics and supply chain management, ergonomics and human factors, quality and standardization, facility layout, workplace design, lean manufacturing, safety and risk management, technology commercialization, systems engineering, production systems modelling, Internet of Things, information systems design, and reliability.

Successful candidates will also be expected to teach courses in engineering design and in engineering economics, as well as in one or more of the areas of expertise listed above.

The successful candidate must have a PhD in Mechanical Engineering or Industrial Engineering, or a closely related field. They are expected to be or become a licensed Professional Engineer through the Association of Professional Engineers and Geoscientists of Alberta (APEGA, <https://www.apega.ca/>). Licensure must be obtained within five years from the date of hire.

The Department of Mechanical Engineering understands that our people are and will continue to be our greatest strength, and we celebrate creativity, diversity, perseverance, and a cooperative spirit. We recognize the importance of academic excellence in conjunction with a healthy work/life balance, interdisciplinary collaborative research, mentorship, and a collegial atmosphere. We know that

diverse groups produce better outcomes and are more innovative, and we encourage applications from candidates with diverse perspectives and lived experiences. We are seeking candidates with a demonstrated commitment to these values in their research, teaching, and service work.

Consideration will be given to candidates possessing a record of publication in reputable, peer-reviewed journals and conference proceedings. Consideration will also be given to those who provide evidence of research and teaching experience and skills, and who have a demonstrated record of service and volunteerism broadly related to their research, teaching, and/or equity, diversity, and inclusivity.

The Department of Mechanical Engineering is committed to maintaining its position among the leading schools in North America. With a present complement of more than 50 faculty members, research in the Department is vigorous and covers all major areas of mechanical systems and controls, biomechanics, thermo-fluids, mechanics of materials, design and manufacturing, energy systems, and engineering management. Our graduate program attracts outstanding students from the best schools worldwide and presently has an enrollment of over 430 graduate students, including approximately 160 PhD students.

The University of Alberta in Edmonton is one of Canada's top teaching and research universities, with an international reputation for excellence across the humanities, sciences, creative arts, business, engineering, and health sciences. The University of Alberta offers close to 900 undergraduate, graduate, and professional programs in 18 faculties on five campuses, including one rural and one francophone campus, and has more than 275,000 alumni worldwide. The university and its people remain dedicated to the promise made in 1908 by founding president Henry Marshall Tory that knowledge shall be used for "uplifting the whole people."

The University of Alberta is in Edmonton, home to over one million people and Alberta's capital. Edmonton offers a vibrant start-up ecosystem and a major industrial corridor with several opportunities for partnerships. The city offers the amenities of a large urban center while maintaining a friendly atmosphere.

Edmonton is known internationally for its thriving arts scene with a variety of family activities, an array of indoor and outdoor sports and fitness opportunities, one of North America's largest stretches of urban parkland, and top-ranked health care services.

Campus offers child care, and there are multiple housing options within steps of campus. Faculty members are offered parental and medical leaves, retirement benefits, and healthcare benefits. The Faculty of Engineering values families and aims to minimize the long distance separation of them when possible through our spouse/partner hiring practices.

We invite you to visit these websites for information about the University of Alberta (www.ualberta.ca/faculty-and-staff/index.html), the Faculty of Engineering (www.ualberta.ca/engineering/index.html), and the City of Edmonton (www.edmonton.ca).

How to Apply

To apply, please select the Apply Online icon below and submit the following:

Cover letter that includes highlights of the candidate's profile and the names of the three referees (see below for more information)

Curriculum vitae (submit under "CV")

Research statement that outlines main areas of current research and short- and long-term research goals (2 pages maximum; submit under "Research Plan")

Teaching dossier that includes a brief teaching philosophy and evidence of, or potential for, teaching effectiveness (2 pages maximum; submit under "Statement of Teaching Interests")

Equity, diversity, and inclusivity statement that outlines the candidate's philosophy, experience, training, and future interests and goals in these areas related to research, teaching, and service. The future interest and goals section should be aligned with institutional and disciplinary strategies, including the University of Alberta's Strategic Plan for Equity, Diversity, and Inclusivity: <https://www.ualberta.ca/equity-diversity-inclusivity/about/strategic-plan-for-edi/index.html>; and Engineers Canada's Strategy: <https://engineerscanada.ca/diversity/about-diversity-in-engineering>; (2 pages maximum; submit under "EDI Statement")

Three of the candidate's representative journal papers in PDF format

To assist the University in complying with mandatory reporting requirements of the Immigration and Refugee Protection Act (R203 (3)(e)), please include the first digit of your Canadian Social Insurance Number at the bottom of your cover letter. If you do not have a Canadian Social Insurance Number, please indicate this at the bottom of your cover letter.

COVID-19 Vaccination: Proof of full vaccination against COVID-19 in compliance with the University's COVID-19 Vaccination Directive is required. Fully Vaccinated means a status an individual achieves 14 days after having received the recommended number of doses of a COVID-19 vaccine approved by Health Canada or the World Health Organization, and requires the individual to maintain the recommended number and type of vaccine doses as updated and required by Health Canada thereafter.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

The University of Alberta is committed to an equitable, diverse, and inclusive workforce. We welcome applications from all qualified persons. We encourage women; First Nations, Métis and Inuit persons; members of visible minority groups; persons with disabilities; persons of any sexual orientation or gender identity and expression; and all those who may contribute to the further diversification of ideas and the University to apply.

<https://www.careers.ualberta.ca/Competition/A106747094/>

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