Faculty of Engineering and Applied Science

Tenure-track assistant professor in Process Automation and Digitalization

The Department of Process Engineering in the Faculty of Engineering and Applied Science at Memorial University of Newfoundland invites applications for a tenure-track assistant professor in the area of process automation and digitalization. Rank and salary will be determined based on the qualifications of the successful applicant.

Applicants should have bachelor and PhD degrees in chemical/process engineering, or related discipline, with expertise in one or more of the following areas: process digitalization; process modeling and simulation; process automation; “big data” management; block chain technology; and/or process integration with applications in chemical and petroleum industries. Past working experience or collaboration in oil and gas, mining and metal processing, chemical, and/or process industries is an asset. The successful applicant will be expected to register as a P.Eng. with Professional Engineers and Geoscientists of Newfoundland and Labrador (PEGNL).

The successful applicant will be expected to develop and teach courses in the area of process automation and digitalization, including, but not limited to, process simulation, process control, process monitoring and abnormal situation management at both undergraduate and graduate levels. In addition, the successful candidate will be expected to establish and sustain a vigorous research program in process engineering areas aligned with Memorial’s strategic research priorities, http://www.mun.ca/research/explore/srip/.

The Faculty offers accredited undergraduate programs in civil engineering, computer engineering, electrical engineering, mechanical engineering, ocean and naval architectural engineering and process engineering, following a fully integrated co-operative education model. The oil and gas engineering stream is offered as a part of the process engineering undergraduate program. At the graduate level, there are thesis-based master’s and doctoral programs in oil and gas engineering and process engineering, and course-based master’s programs in oil and gas engineering, safety and risk engineering and computer engineering. For more information, please visit http://www.mun.ca/engineering/.
Memorial University is one of the largest universities in Atlantic Canada. As the province's only university, Memorial plays an integral role in the education and cultural life of Newfoundland and Labrador. Offering diverse undergraduate and graduate programs to almost 18,000 students, Memorial provides a distinctive and stimulating environment for learning in St. John's, a safe friendly city with great historic charm, a vibrant cultural life and easy access to a wide range of outdoor activities. For further information about Memorial, please visit [http://www.mun.ca](http://www.mun.ca).

The deadline to receive applications is November 30, 2018. Applications should be sent as a single file with curriculum vitae, names and contact information of three references, a statement of teaching and research interests and copies of three relevant technical publications to:

Dr. Faisal Khan, head  
Department of Process Engineering  
Faculty of Engineering & Applied Science  
Memorial University, St John’s, NL, A1B 3X5  
REFERENCE: VPA-ENGI-2018-003  
Email: Engr.Process@mun.ca

Memorial University is committed to employment equity and encourages applications from qualified women and men, visible minorities, aboriginal people and persons with disabilities. As part of Memorial University’s commitment to employment equity, all applicants are invited to identify themselves as a member of a target group(s) as appropriate. Applicants cannot be considered as a member of a target group(s) unless they complete an employment equity survey. If you do not receive a survey or have any questions, please contact equity@mun.ca. This position is subject to final budgetary approval.