

Tenured/ Tenure-Track Assistant or Associate Professor:
Electric Machines and Motor Drives
UOIT - University of Ontario Institute of Technology

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Job Title Tenured/ Tenure-Track Assistant or Associate Professor: Electric Machines and Motor Drives
Department Faculty of Engineering and Applied Science
<http://www.engineering.uoit.ca/>
Institution UOIT - University of Ontario Institute of Technology
Oshawa, Ontario

Date Posted Jan. 12, 2018

Application Deadline Mar. 1, 2018

Position Start Date Jul. 1, 2018

Job Categories Assistant Professor
Associate Professor
Professor

Academic Field(s) Electrical and/or Electronics

Job Website <https://universityofontarioit-openhire.silkroad.com/epostings/index.cfm?fuseaction=app.jobinfo&id=23&jobid=1086&compar>

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**Job
Description**

Tracking Code: 1086-136

Faculty of Engineering and Applied Science

Appointment Type: Tenured/ Tenure-Track Assistant or Associate Professor: Electric Machines and Motor Drives

Posting Date: January 4, 2018

Application Review Date: March 1, 2018

The University of Ontario Institute of Technology (UOIT), located in Oshawa, Ontario, advances the discovery and application of knowledge through a technology-enriched learning environment and innovative programs responsive to the needs of students, and the evolving 21st-century workplace. UOIT promotes social engagement, fosters critical thinking, and integrates outcomes-based learning experiences inside and outside the classroom. We invite you to consider joining UOIT's globally trained faculty as we further our reputation for providing a leading-edge learning environment and delivering innovative research.

The Department of Electrical, Computer and Software Engineering invites applications from qualified individuals, for a tenure-track Assistant or Associate Professor position in Electrical Engineering with the following preferred areas of expertise: electric machines and drives with emphasis on high power electric traction machines and applications to modern transportation systems. Candidates with experience in product design, development and implementation in the above areas will be given preference. This position is subject to budgetary approval, and would start on July 1, 2018, or as soon as filled.

The successful candidate will be expected to conduct active research and create innovative research programs within their field. The candidate will also be expected to teach at undergraduate and graduate levels. In keeping with a technology-enhanced learning environment utilizing laptop computers and wireless technology, UOIT seeks faculty who strive to explore and develop new pedagogies. The candidate should possess a Ph.D. in Electrical Engineering; a strong academic background; an established record of excellence in innovative and scholarly research, leading to peer assessed publications; and be registered, or eligible for and committed to registration, as a Professional Engineer within the Province of Ontario. Related industrial experience would be considered an asset. The candidate must also demonstrate strong potential for outstanding teaching contributions. In addition, the candidate should also possess excellent English language skills, demonstrating an ability to ensure strong, two-way communications on an ongoing basis that contribute to collaborative/collegial relationships with faculty, staff, students, and the community at

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large.

The successful candidate will be expected to follow a 40% Research, 40% Teaching and 20% Service workload each year.

The Department of Electrical, Computer and Software Engineering (ECSE) currently hosts an NSERC Canada Research Chair (CRC) in the area of Electric Energy storage Systems for Transportation Electrification. Also, the Faculty has complement of researchers in the area of automotive engineering working in special areas of autonomous, hybrid and electric vehicles. The candidate will be expected to build and lead research in their specific field of expertise and complement existing research.

The ECSE Department offers Master's (MAsc and MEng) and PhD programs in Electrical Engineering (with various specializations). The Department is committed to excellence and innovation in interdisciplinary teaching and research, which is relevant to the needs of society and our surroundings. The Department promotes these ideals by emphasizing the integration of knowledge and technology to provide learning and research opportunities for students. Further details can be found at: <http://engineering.uoit.ca>.

UOIT has outstanding research facilities, the largest of them being the Automotive Centre of Excellence (ACE). The ACE is a 16,300m² facility that is the first multi-purpose testing and research centre of its kind in Canada, and which houses one of the largest and most sophisticated climatic wind tunnels in the world. Further details about the ACE can be found at: http://ace.uoit.ca/about_ace/.

This position falls within the bargaining unit represented by the UOIT Faculty Association and will be subject to the terms and conditions of the collective agreement between the University and the UOIT Faculty Association. The collective agreement may be found on the Human Resources section of our website. Starting salary will be commensurate with experience and annual salary increases are administered as per the terms outlined in the tenured and tenure track collective agreement.

Review of applications will begin on March 1, 2018 and will continue until a suitable candidate is found. Applicants should submit in electronic format (as a single pdf file) a covering letter; a curriculum vitae including a list of publications; a statement of teaching interests/experience; an outline of their present research program; a brief future research plan; and the names of three referees through the link at the bottom of this posting.

UOIT is an equal opportunity employer and welcomes applications from qualified women and men, including members of visible minorities, Aboriginal peoples and persons with disabilities. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

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UOIT respects people's different needs and therefore will take all reasonable steps to ensure accommodation for applicants where appropriate. If you require an accommodation to participate in the recruitment process, please notify Jocelyn Churchill at Jocelyn.Churchill@uoit.ca or 905-721-8668 ext. 3679. For more information, see <http://accessibility.uoit.ca/>.

<https://universityofontarioit->

[openhire.silkroad.com/epostings/index.cfm?fuseaction=app.jobinfo&id=23&jobid=1086&company_id=30136&](https://universityofontarioit-openhire.silkroad.com/epostings/index.cfm?fuseaction=app.jobinfo&id=23&jobid=1086&company_id=30136&)

Contact Information

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

Contact

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