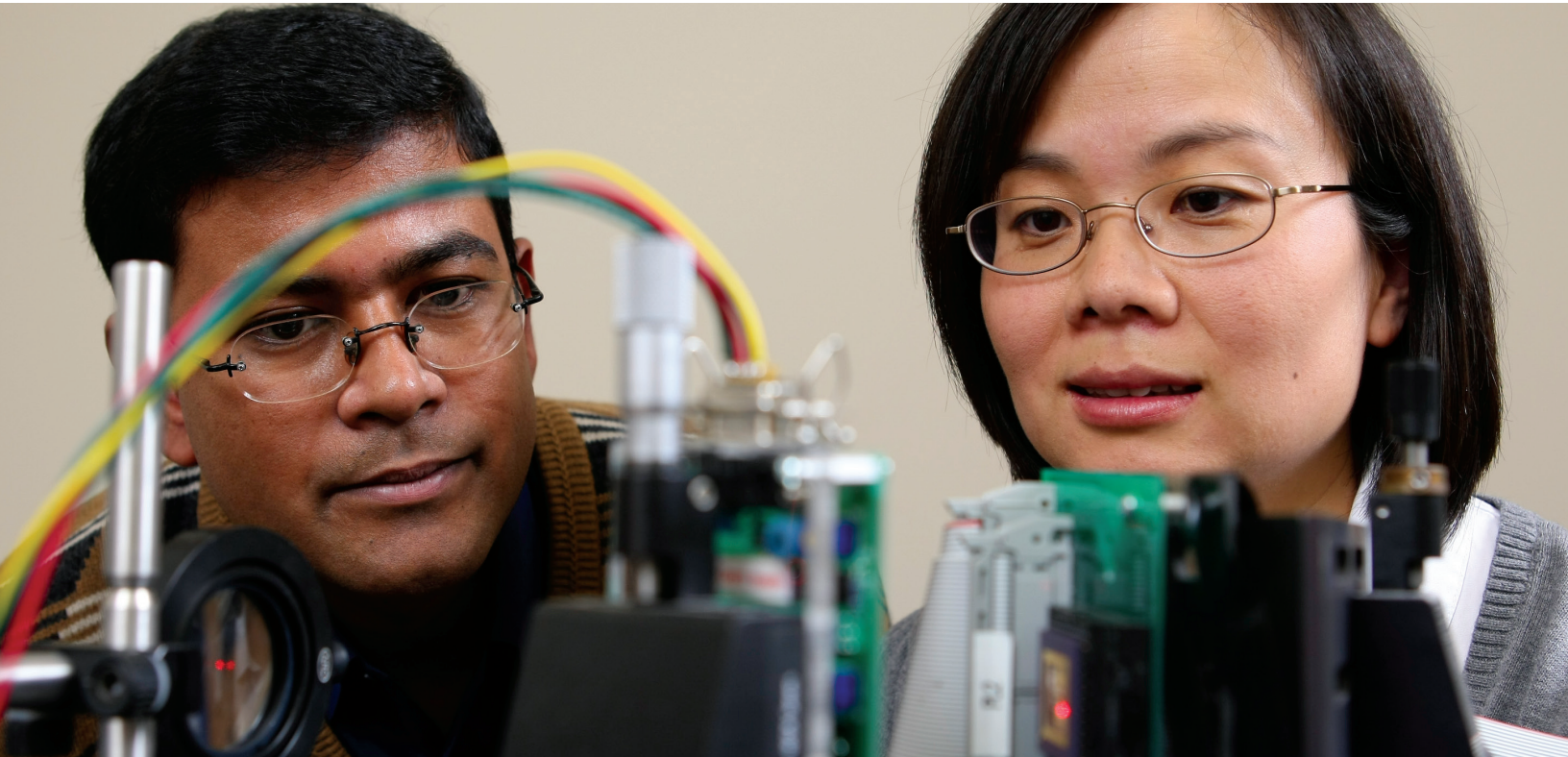


ELECTRICAL AND COMPUTER ENGINEERING



Master of Engineering (MEng)
Master of Applied Science (MASc)
Doctor of Philosophy (PhD)

The Department of Electrical & Computer Engineering includes 16 full-time faculty members, 5 adjuncts, and 90+ graduate students and postdoctoral fellows. The department plays a key role in Nova Scotia as a catalyst of research-driven innovation as well as the intellectual and technological growth of the province. Extensive faculty collaborations with other universities, centres of excellence, and industries locally, nationally, and the world over, attest to the strengths of the department. Many department alumni hold prominent positions in major industries, academic institutions, government agencies, and private enterprises worldwide.



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Why study Electrical and Computer Engineering at Dalhousie?

RESEARCH STRENGTHS

The department members carry out cutting-edge research in applied electromagnetics, biomedical engineering, communications, computer engineering, microelectronics, optics & photonics, power & energy systems, robotics and signal processing. The department houses a Canada Research Chair in Photonics and NSERC Industrial Research Chair in Underwater Communications.

POTENTIAL CAREERS

Department alumni are actively sought by local enterprises, international companies, academic institutions, and research organizations to name but a few career opportunities. In general, electrical and computer engineers engage in research and development, planning, design, construction, operation, maintenance, and installation of a variety of electrical, electronic and photonic devices and systems as well as computer software. Electrical and computer engineers also test equipment, solve operational problems and oversee various projects and tasks. In addition, some are employed in administration and management or technical sales.

ADMISSION REQUIREMENTS

Candidates must satisfy the general requirements for admission to the Faculty of Graduate Studies.

APPLICATION DEADLINE

Same as the general application deadlines outlined by the Faculty of Graduate Studies (applications are accepted for September, January, and May admission).

CONTACT INFORMATION

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dal.ca/faculty/engineering/electrical.html

FACULTY OF GRAD STUDIES

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