

# Research Associate, (Power Electronics, Electrical Machines, and Renewable Energy).

## Department of Electrical and Computer Engineering (ECE) at Concordia University

### Duration

April 01, 2024 to March. 31, 2025

### Hours/week

40 hours per week

### Salary

\$36.94 per hour (plus vacation pay)

### Description of Responsibilities and Requirements

The applicant must hold a PhD degree in electrical engineering.

Responsibilities and requirements include:

- Conduct research activities on variable flux machines for electrified transportation.
- Knowledge of using finite element analysis JMAG.
- Testing industrial machines at 600 V for Hydro Quebec.
- Knowledge of renewable energy systems especially Solar PV systems.

Interested candidates should submit a resume for consideration.

### Contact

Prof. Pragasen Pillay, [pragasen.pillay@concordia.ca](mailto:pragasen.pillay@concordia.ca)

### Deadline

Feb. 29, 2024, or until the position is filled.