

THE HONG KONG POLYTECHNIC UNIVERSITY

DEPARTMENT OF ELECTRICAL ENGINEERING

Post Specification

Associate Professor in Energy and Power Systems / Power Electronics and Electric Vehicle / Underpinning Key Technologies (Ref. 22052403)

The Department of Electrical Engineering (EE) is one of the seven academic units in the Faculty of Engineering. It is the major education provider in electric power engineering, power electronics and utilisation as well as railway engineering among the universities in Hong Kong. The Department is playing an important role in educating the electrical engineers for Hong Kong, and to some extent for the Chinese mainland arising from its continuous expansion in electrical infrastructure. Please visit the website at <http://www.ee.polyu.edu.hk> for more information about EE.

Duties

The appointee will be required to:

- (a) teach at undergraduate and postgraduate levels;
- (b) conduct original research that leads to publications in top-tier refereed journals and awards of research grants;
- (c) establish an externally-funded research programme;
- (d) assist in developing curriculum activities for the undergraduate programmes in Electrical Engineering;
- (e) supervise student projects and theses;
- (f) contribute to departmental activities; and
- (g) perform any other duties as assigned by the Head of Unit or his/her delegates.

Qualifications

Applicants should have:

- (a) a PhD degree in a relevant discipline;
- (b) demonstrated excellence in original research and strong fundamental knowledge in a core research area including, but not limited to:
 - (i) power system engineering;
 - (ii) power electronics;
 - (iii) electric vehicle;
 - (iv) electrical building services; or
 - (v) optimization and control; and
- (c) excellent communication skills and the ability to use English as the medium of instruction.

Remuneration and Conditions of Service

A highly competitive remuneration package will be offered. An appropriate term will be provided for appointment at Associate Professor level. For general information on terms and conditions for appointment of academic staff in the University, please visit the website at <https://www.polyu.edu.hk/hro/docdrive/careers/doc/Prof.pdf>. Applicants should state their current and expected salary in the application.

Application

Please send a completed application form by post, nominate three referees from different institutions/organisations by providing their names, addresses and relationship with the applicants, to **Human Resources Office, 13/F, Li Ka Shing Tower, The Hong Kong Polytechnic University, Hung Hom, Kowloon, Hong Kong** or via email to hrstaff@polyu.edu.hk. Application forms can be downloaded from https://www.polyu.edu.hk/hro/careers/guidelines_and_forms/forms. If a separate curriculum vitae is to be provided, please still complete the application form which will help speed up the recruitment process. **The closing date for application is Wednesday, 23 November 2022.** Applicants who are not invited to an interview within two months from the closing date should consider their applications unsuccessful. The University's Personal Information Collection Statement for recruitment can be found at https://www.polyu.edu.hk/hro/careers/guidelines_and_forms/pics_for_recruitment.

24 May 2022