

# THE HONG KONG POLYTECHNIC UNIVERSITY

## DEPARTMENT OF ELECTRICAL ENGINEERING

### Post Specification

#### Associate Professor / Assistant Professor in Power Systems (Ref. 97311)

The Department of Electrical Engineering is one of the five academic units in the Faculty of Engineering. It is the major education provider in electric power engineering and utilisation of electric power 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 the electrical infrastructure. Please visit the website at <http://www.ee.polyu.edu.hk> for more information about the Department.

### Duties

The appointee(s) will be required to:

- (a) teach at undergraduate and post-graduate levels;
- (b) conduct research that leads to publications in top-tier refereed journals and awards of research grants;
- (c) supervise student projects and theses;
- (d) engage in scholarly research/consultancy in at least two of the following areas which include (i) power system stability planning and control, (ii) power market analysis, and (iii) computational intelligence in power and energy system; and
- (e) contribute to departmental activities

The appointee(s) for the Associate Professor level will also be required to provide leadership in research, programme/curriculum development and administration.

### Qualifications

Applicants should have:

- (a) a PhD degree in a relevant discipline plus substantial years of experience in teaching, research and industry;
- (b) excellent teaching and publication records;
- (c) good network with international researchers to contribute to the development of high-level applied research collaborations between PolyU and reputable organizations;
- (d) experience in securing or raising research funds from the government or industry; and
- (e) excellent communication skills and be able to use English as the medium of instruction.

Applicants with less experience will be considered for appointment at Assistant Professor level.

## **Remuneration and Conditions of Service**

Salary offered will be commensurate with qualifications and experience. Applicants should state their current and expected salary in the application. Initial appointment will be made on a fixed-term gratuity-bearing contract. Re-engagement thereafter is subject to mutual agreement. Remuneration package will be highly competitive.

3 September 2008