

# THE HONG KONG POLYTECHNIC UNIVERSITY

## DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

### Post Specification

**Assistant Professor** (Ref. 22051008)

The Department of Civil and Environmental Engineering enjoys a high reputation in conducting application-oriented research and has well established connections with industry partners and government agencies in Hong Kong. It offers academic programmes at various levels. In addition to PhD and MSc programmes, the Department currently offers 4 undergraduate programmes, namely BEng(Hons) in Civil Engineering, BEng(Hons) in Structural and Fire Safety Engineering, BEng(Hons) in Environmental Engineering and Sustainable Development, and BSc(Hons) in Environmental and Occupational Safety and Health; and will adopt a scheme-based admission for undergraduate students effective from 2022/23 intake cohort. The Department currently has about 44 regular faculty members and 35 technical and administrative personnel, and is committed to international standards of excellence in teaching and research. Please visit the website at <http://www.cee.polyu.edu.hk> for more information about the Department.

### Duties

The appointee will be required to:

- (a) teach relevant undergraduate and postgraduate subjects such as Noise Pollution Studies and Control, Tall Building Structures, Nonlinear Finite Element Analysis of Structures, Advanced Structural Analysis (dynamics, stability, and plastic analysis) at various levels.
- (b) supervise student projects and theses;
- (c) initiate, lead and participate in research activities;
- (d) undertake relevant administrative duties, including programme leadership, curriculum development, programme validation, accreditation, etc.; and
- (e) perform any other duties as assigned by the Head of Unit or his delegates.

### Qualifications

Applicants should:

- (a) have a PhD degree in Sound, Vibration, Noise Control or Structural Dynamics with a first degree in Engineering;
- (b) have a strong commitment to excellence in teaching and research;
- (c) have a good record of research, publications and scholarship;
- (d) be able to demonstrate effective classroom / online teaching skills and have good interpersonal skills; and
- (e) have demonstrated excellent potential for developing a successful academic career;

- (f) possess research interest in, but not limited to, one or more of the following areas:
- Sound and vibration;
  - Structural dynamics;
  - Structural health monitoring;
  - Smart infrastructure;
  - AI application in civil engineering.

Preference will be given to those with relevant professional qualifications and work experience as a structural or mechanical engineer.

### **Remuneration and Conditions of Service**

A highly competitive remuneration package will be offered. Initial appointment will be on a fixed-term gratuity-bearing contract. Re-engagement thereafter is subject to mutual agreement. 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](mailto:hrstaff@polyu.edu.hk). Application forms can be downloaded from [https://www.polyu.edu.hk/hro/careers/guidelines\\_and\\_forms/forms](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. **Consideration of applications will commence on 31 May 2022 until the position is filled.** 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](https://www.polyu.edu.hk/hro/careers/guidelines_and_forms/pics_for_recruitment).

10 May 2022