

# **THE HONG KONG POLYTECHNIC UNIVERSITY**

## **DEPARTMENT OF INDUSTRIAL AND SYSTEMS ENGINEERING**

### **Post Specification**

**Senior Scientific Officer / Senior Technical Officer** (Ref. 22012014-E)

### **Duties**

The appointee will be required to:

- (a) manage the Business Automation Laboratory and the Cyber-Physical Systems Laboratory, and comply with the laboratory safety regulations;
- (b) operate, maintain and calibrate laboratory equipment and software such as collaborative robot (cobot) arm, autonomous mobile robot, automated storage and retrieval system (ASRS), smart manufacturing training system, AI Edge computing device for object and human detection, etc.;
- (c) deliver demonstration and provide support to the research and consultancy projects;
- (d) train and assist students and research personnel on the use of laboratory equipment and software;
- (e) manage and coordinate final year project (FYP) activities, including FYP system, oral presentation schedules, call for proposals, and assist in supervising final year projects;
- (f) support teaching and research activities, including online teaching, research students' oral examinations, research seminars;
- (g) lead a team of technical staff to provide technical support to the Unit;
- (h) manage computerized systems and web applications, including maintenance of online database, security control and system upgrade; and
- (i) perform any other duties as assigned by the Head of Unit or his delegates.

### **Qualifications**

Applicants should have:

- (a) a recognised degree, preferably a higher degree, in Engineering or a related discipline; plus at least five years of solid specialist and supervisory experience, preferably in automation and cyber-physical systems applications development;
- (b) knowledge of computer programming such as C#, Java and Python;
- (c) a good command of both written and spoken English and Chinese; and
- (d) proactive working attitude with good interpersonal and communication skills.

## 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. Applicants should state their current and expected salary in the application.

## Application

Please send a completed application form by post 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 7 February 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).

20 January 2022