

# THE HONG KONG POLYTECHNIC UNIVERSITY

## INDUSTRIAL CENTRE

### Post Specification

**Engineering Manager** (Ref. 21022301-E)

### Duties

The appointee will join the Digital Manufacturing Stream and be responsible for the development of the newly established Artificial Intelligent and Robotics (AIR) Laboratory to support teaching and research works in this emerging field.

The appointee will be required to:

- (a) formulate the Stream's development strategies and participate in its management related to AI and robotics;
- (b) facilitate technological development of the Stream in the areas of AI, Robotics and Automation;
- (c) develop, lead and conduct teaching and hands-on learning subjects at degree and sub-degree levels, including preparation of teaching materials and supervision of student projects;
- (d) undertake the design of teaching and learning programmes, and the development and administration of AI, robotics and automation;
- (e) lead and undertake R&D and consultancy activities in AI, automation and robotics; and
- (f) perform any other duties as assigned by the Director of the Centre or his delegates.

### Qualifications

Applicants should have:

- (a) a higher degree or a recognised bachelor's degree in Mechanical Engineering, Mechatronic Engineering, Computer Science, Computer Engineering, Automation Engineering or a related discipline;
- (b) a professional qualification in a related discipline;
- (c) at least eight years of work experience in engineering and with solid supervisory experience;
- (d) solid work experience in robotics, automation, autonomous robots or machine learning, with experience in IoT/Vision/C/C++/Java/Python being a plus; and
- (e) a good command of written and spoken English, preferably with fluency in Putonghua.

Shortlisted candidates will be invited to sit for a written test.

## **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.

23 February 2021