



**PolyU Technology and Consultancy Company Limited (PTeC)** is the wholly owned strategic professional service arm of The Hong Kong Polytechnic University (PolyU). We facilitate knowledge transfer of PolyU's academic expertise to external organizations and the wider community through consultancy, contract research, professional development programmes and licensing of PolyU's intellectual properties, to drive change and make a direct impact on society.

## **Post Specification**

### **Project Associate (1 post)**

[Appointment period: 12 months]

#### **Duties**

The appointee will assist the project leader from the Department of Mechanical Engineering, PolyU in the consultancy project "Provision of Service for Development of an Automatic and Adjustable Robot Breaker with built-in Noise Enclosure for Road Surface Breaking and Repairing Works". He/she will be required to:

- a) responsible for the design, assembly, and programming of the robot breaker prototype
- b) perform structural design and analysis
- c) develop algorithms to automate the robot breaker
- d) optimize the robot breaker performance for the specified task
- e) perform other relevant duties as assigned by the project leader or his delegates.

#### **Qualifications**

Applicants should:

- a) have a master's degree in Mechanical Engineering;
- b) have research / relevant work experience in Robot Design and Automation
- c) have knowledge in Programming
- d) be able to work independently.

Preference will be given to those with relevant experience



### **Remuneration**

A highly competitive remuneration package will be offered. Applicants should state their current and expected salary in the application.

### **Application**

Interested applicants are invited to send their covering letter and CV to [human.resources@polyu.edu.hk](mailto:human.resources@polyu.edu.hk) for review and consideration by the Project Leader. Recruitment will continue until the positions are filled. Please read the [Personal Information Collection Statement for Recruitment](#) before making an application.

5 December 2023