

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

Research Associate (1 post)

[Appointment period: 6 months initially, with possibility of further appointment]

Duties

The appointee will assist the project leader from the Department of Aeronautical and Aviation Engineering, PolyU in the consultancy project “*Momentum Potential Theory for Analysing Acoustic Metasurface* 适用于超表面的动量势理论分析方法”. He/she will be required to:

- a) Assist the project leader in the research project - “*Momentum Potential Theory for Analysing Acoustic Metasurface*”;
- b) be responsible for the arrangement of research experiments, field trips and regular meetings;
- c) Prepare the research proposal, grant applications and project reports;
- d) Assist in research design work, presentations of the research outputs and journal publication(s); and
- e) Perform other relevant duties as assigned by the project leader or his delegates.

Qualifications

Applicants should:

- a) have a doctoral degree in engineering;
- b) have research experience in aerodynamics or Computational fluid dynamics (CFD);
- c) have knowledge in conducting research projects or project management experience;
- d) have administrative experience in handling publications in the field of Fluid Mechanics will be an advantage; and
- e) be able to work independently and meet the work schedule.

Remuneration

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

Application

Applicants are invited to send their CV and covering letter to human.resources@polyu.edu.hk for review and consideration by the Project Leader. Recruitment will continue until the

positions are filled. Details of PTeC's Personal Information Collection Statement for recruitment can be found [here](#).

[18 December 2025]