

# THE HONG KONG POLYTECHNIC UNIVERSITY

## DEPARTMENT OF BUILDING AND REAL ESTATE

### Post Specification

**Research Associate / Research Assistant** (Ref. 17042702)  
**[Appointment period: nine months]**

### Duties

The appointee will assist the project leader in the research project - “Learning Bayesian networks for root cause failure analysis of construction equipment”.

### Qualifications

Applicants for the **Research Associate** post should have a master’s degree in Construction Management, Civil, Mechanical or Computer Engineering, Management Science or a related discipline, or a good honours degree in the said disciplines with three or more years of research/relevant work experience. Applicants for the **Research Assistant** post should have a good honours degree in the said disciplines or an equivalent qualification.

Applicants should also:

- (a) have good knowledge of qualitative and quantitative data analysis;
- (b) have knowledge of Bayesian network and computer programming;
- (c) have a good command of both written and spoken English and Chinese; and
- (d) be mature and competent to work independently.

Preference will be given to those with a master’s degree or above and a demonstrated track record in research on computer and information technology.

Applicants are invited to contact Dr Hongqin Fan at tel. no. 2766 5788, fax no. 2764 5131 or email [bshfan@polyu.edu.hk](mailto:bshfan@polyu.edu.hk) for further information.

### Remuneration

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

27 April 2017