

THE HONG KONG POLYTECHNIC UNIVERSITY

DEPARTMENT OF ELECTRICAL ENGINEERING

Post Specification

Full-time or Part-time Research Associate / Research Assistant (four posts) (Ref. 17121906)
[Appointment period: each for twenty-four months]

Duties

The appointees will assist the project leader in the research project - “Design and applications of novel biased-flux permanent magnet machines”.

Qualifications

For the post of **Research Associate**, applicants should have a master’s degree or a good honours degree in Electrical Engineering, Computer Science, Computer Engineering or Applied Mathematics with at least three years of research/relevant work experience.

For the post of **Research Assistant**, applicants should have an honours degree in Electrical Engineering, Computer Science, Computer Engineering or Applied Mathematics, or an equivalent qualification.

Applicants should also:

- (a) have solid experience in electric machine, finite element methods and theory of electromagnetic field; and
- (b) be able to complete projects on time with minimum supervision.

Preference will be given to those with research experience in machine design, developing computer programmes for numerical computation of electromagnetic field and software architecture.

Applicants are invited to contact Dr Shuangxia Niu at tel. no. 2766 6183, fax no. 2330 1544 or email eesxniu@polyu.edu.hk for further information.

Remuneration

For full-time appointments, a highly competitive remuneration package will be offered. Applicants should state their current and expected salary in the application.

For part-time appointments, the remuneration rates of Research Associate and Research Assistant posts are HK\$159 per hour and HK\$111 per hour respectively.

19 December 2017