

Senior Research Assistant / Research Assistant I / II (2 posts) (Ref: 2600691)
Department of Science and Environmental Studies

The appointees will participate in various research projects related to system integration, including hardware and software development, and developing a platform-independent software framework. They will be responsible for conducting literature review, digital system development, data collection, programming, data analysis and drafting research reports. They are also expected to provide administrative support to the research team. There will be opportunities for manuscript writing and publications in international journals. The appointment will be initially for a period of 12 months, with the possibility of renewal subject to mutual agreement.

The appointees will contribute to R&D projects in applied physics, engineering physics, and pure physics, with a focus on electromagnetic and microwave systems.

Responsibilities:

- Perform electromagnetic and microwave simulation and analysis of chemical/physical sensing and communication systems;
- Apply AI/machine learning on the hardware and analysis;
- Conduct experimental setup, measurement, and validation of microwave and sensing systems; and
- Collaborate with cross-disciplinary team.

Applicants for Senior Research Assistant should have a master's degree, preferably in Physics, Applied Physics, Engineering in Chemistry/Physics, Electronic Engineering or related disciplines, plus one year's post-Master's degree full-time working experience, or a Doctoral degree in the abovementioned disciplines.

Applicants for Research Assistant I should have a bachelor's degree in Physics, Applied Physics, Engineering in Chemistry/Physics, Electronic Engineering or related disciplines.

Applicants for Research Assistant II should have at least Level 2 or equivalent or above in five subjects, including Chinese Language, English Language and Mathematics in HKDSE; or Grade E (Level 2) or above in five subjects, including Chinese, English (Syllabus B), and Mathematics in HKCEE or equivalent. Preference will be given to applicants with a higher diploma or above in Physics, Applied Physics, Engineering in Chemistry/Physics, Electronic Engineering or related disciplines.

For further enquiries about the post, please contact Dr Steve Mung at wymung@eduhk.hk.

Salary will be commensurate with qualifications and experience.

Initial appointment will be made on a fixed-term contract. Fringe benefits include contract-end gratuity, leave, medical and dental benefits.

The University only accepts and considers applications submitted online for this post. Applicants should complete the [online application form](#) and upload a full CV on or before **16 September 2026**. Applications which are incomplete or without the required documents may not be considered. Personal data provided by applicants will be used for recruitment and other employment-related purposes. For details of the Personal Information Collection Statement, please refer to <http://www.eduhk.hk/jobsopp/index.php?glang=en>.

All applications will be treated in strict confidence. Only those who are shortlisted will be contacted. The University reserves the right not to fill the position(s) advertised.

Further information about the University is available at <http://www.eduhk.hk>.

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