

Ref: DOB/RESEARCH/KHW

Opening for Research Assistant or Research Associate – Utilizing Waste Materials in 3D-printable Concrete Mixture

Date posted: 4 November 2019

Duties and responsibilities:

The successful candidate will contribute to research activities related to the creation of normal and printable concrete containing waste materials (including char-based materials made from heating biomass waste). The candidate shall work under the supervision of the Principal Investigator (PI) to conduct academic research and/or administrative work. The job scope includes:

- Conduct literature review on appropriate topics related to this project;
- Produce specimen for various related tests;
- Co-author research reports and journal articles, and
- Provide general administrative assistance to the research work

Requirements:

- A degree in project and facilities management, any field of engineering or material science-related discipline;
- Strong English writing and oral communication skills;
- Strong problem-solving skills; and
- Ability to work independently.

Skills & Competencies:

- Interested in experimental work (and doesn't mind getting your hands dirty);
- Writing, presentation & communication skills;
- Project planning & scheduling, and
- Attention to details.

Remuneration:

- Salary will commensurate with the candidate's qualification and experience.

Please send curriculum vitae and supporting documents to PI: A/Prof Kua Harn Wei (bdgkuahw@nus.edu.sg)

Only shortlisted candidates will be contacted for interviews.