

# School of Engineering - Research Staff (Lithium Ion Battery Materials)

**Agency:** Republic Polytechnic  
**Job no.:** 534138  
**Work type:** Permanent/Contract  
**Location:** Singapore  
**Categories:** Education, Engineering



## About Republic Polytechnic

The first educational institution in Singapore to leverage the Problem-based Learning approach for all its diploma programmes, Republic Polytechnic (RP) has seven schools and one academic centre offering forty-two diplomas in Applied Science, Engineering, Management and Communication, Events and Hospitality, Infocomm, Sports, Health & Leisure, and Technology for the Arts.

In addition to offering full-time diploma courses, our Academy for Continuing Education @RP (ACE@RP) is committed to promoting lifelong learning among working adults.

At Republic Polytechnic, you will discover a collaborative culture that supports your pursuit in nurturing learners to be problem-solvers with innovative and entrepreneurial minds. We believe in transforming not only the students but also yourself, as you seek and inspire life-long learning and acquisition of skills. As an organisation that scores many firsts, RP welcomes you to achieve your potential in our dynamic environment.

For more information, please visit <http://www.rp.edu.sg/careers> or follow us on [LinkedIn](#).

**Responsibilities:**

A research team initiated by Republic Polytechnic is seeking to employ a full-time research staff for a duration of 12 months to work in a research project in the field of Lithium ion battery materials. You will be involved in developing a high performance additive which can improve the dispersion quality of electrode slurry effectively.

The job scope is as follows:

- Work on Additives for Electrode Slurry of High Performance Lithium Ion Battery project.
- Evaluate and improve the Lithium ion battery performance with additives for electrode slurry.
- Interact with industrial collaborator and Final Year Project students regularly.
- Assist the Principal Investigator to fulfil the required project deliverables.
- Assist in purchasing process of products and services in line with Republic Polytechnic's procurement guidelines.

**Requirements:**

- Qualification in Mechanical Engineering, Chemical Engineering, Materials Science and Engineering or related disciplines.
- Specific experience in Lithium ion battery fabrication and testing is strongly desired.
- Ability to work independently, has strong interest, excellent initiative, good communication skill, creative, innovative.

**Advertised:** 06 Aug 2019

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