Research Assistant, Centre for Advanced 2D Materials

Opportunities

The candidate will work at the Centre for Advanced 2D Materials at the National University of Singapore, a highly international environment with state-of-the-art equipment and facilities.

Job Description:

- Perform coatings over different substrates*
- Preparation of organic solutions*
- Perform battery cells assembly in a glovebox*
- Review technical and scientific literature
- Designing and write procedures and processing routes
- Calibrate/maintain equipment assigned
- Perform laboratory analyses and evaluate the results
- Prepare technical reports
- Manage general lab inventory (e.g., chemical or consumable inventory)
- Participate in routine house-keeping
- Participate in R&D projects
- Work in a laboratory environment within a team of multidisciplinary researchers

*The selected candidate will be trained to work with a glovebox, perform coatings, prepare organic solutions, and assembly battery cells.

Eligibility and Conditions

Candidates must hold a bachelor degree (preferably master degree) in polymer, mechanical, chemical or electrical engineering, material science, or equivalent. Additionally, the candidate must be/have:

- Accountable for technical deliverables and milestones according to agreed timelines
- Self-motivated to study and to achieve the proposed goals
- Able to troubleshooting and root cause analysis
- Intellectual curiosity and desire to learn
- Technical depth, critical thinking, and good communication skills

Prior work experience in any related area is a bonus.

Application Procedure

The formal application should be submitted by e-mail to c2dsge@nus.edu.sg

Email submissions must include:
- Cover letter
- Curriculum Vitae
- The contact details of three potential references

Potential candidates will be contacted by email and invited for an interview.