

Post doctoral Position in Computational Materials Science

A post doctoral position is currently available at the Condensed Matter Theory and Computational Lab (CMTCL), IIT Madras.

Project Title: High capacity Li-rich layered oxide cathode for quick charge battery: Enhancing electrochemical performance for electric vehicle applications.

Work description: In this combined theoretical and experimental project, the job of the post doctoral fellow is to carry out DFT calculations to investigate and tailor the electrochemical properties of Li based cathode materials.

The initial contract is for one year and could be renewed for another one year based on the performance.

Desired qualifications: Applicant should have completed a PhD with a good track record of research accomplishments. A solid background in physics and chemistry with an understanding of quantum mechanics is required. Experience in atomistic material modelling is necessary.

How to apply: Applications should be sent to nandab@iitm.ac.in on or before **21st June, 2018**, with the subject: "**post doctoral position at CMTCL**". The application should include:

- A detailed Curriculum Vitae (include a list of publications)
- Name and email address of two referees