



SRM Research Institute
SRM University, Kattankulathur – 603203, TN, India
(<http://www.srmuniv.ac.in>)

MNRE Sponsored Research Project – Junior Research Fellows – Six

SRM University invites applications for the post of Junior Research Fellows to carry out the research project entitled ‘**Development of Electrode Materials for High Energy Density Lithium ion Batteries and Computational Studies of Solar Absorber layers,**’ sponsored by **Ministry of New and Renewable Energy, Government of India.**

- **Three JRFs for Development of Electrode Materials for High Energy Density Lithium ion Batteries**

Eligibility: First class M.Sc. in Chemistry/Materials Science or M.Tech in Nanotechnology/Materials Science with strong background in Physical Chemistry and Electrochemistry.

Desirable: NET/GATE in Chemistry, Knowledge of development of Lithium ion Batteries, Sodium batteries, etc.

- **Three JRFs for Computational Studies of Solar Absorber layers**

Eligibility: First class M.Sc. in Physics or M.Tech in Nanotechnology/Materials Science with a good background in Solid State Physics, Quantum Mechanics and/or Computational Physics.

Desirable: NET/GATE in Physics, Good knowledge in Fortran 90, basics of density functional theory and Linux OS.

Fellowship : For Post Graduate Degree in Basic Sciences with CSIR-UGC NET, GATE qualified or GATE qualified Post Graduate Degree in Professional Course: Rs 25,000/- per month + admissible HRA

For others : Rs 16,000 per month + admissible HRA

Registration for Ph.D. : Selected candidates should register for full time Ph.D. program at the SRM University, Kattankulathur, Chennai.

Project Duration : 3 years

Note : All required research facilities will be provided

Interested candidates should send applications along with their detailed CV (preferably soft copies) within 30 days of this advertisement to Prof. M. Sasidharan, Principal Investigator or Dr. Ranjit Thapa, Co-Principle Investigator–MNRE Project, SRM Research Institute, 13th Floor, University Building, SRM University, Kattankulathur 603203, New Chennai, Tamil Nadu (e-mail: mnre.2016@res.srmuniv.ac.in).

Candidates called for the interview will be paid second class (sleeper) to and fro train fare by the shortest possible route.

For more information: http://www.srmuniv.ac.in/research_institute/faculty.html