SRM University – AP invites applications for the post of Junior Research Fellows to carry out the research project entitled ‘Design Principle of Single-Atom Catalyst for Nitrogen Fixation over HER: Energy Parameter, Electronic Descriptor and Database’, sponsored under Core Research Grant, Science and Engineering Research Board, Government of India.

**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.

**Preferable:**
NET/GATE in Physics, good knowledge in Fortran 90, basics of density functional theory and Linux OS.

**Fellowship:**
- ₹31,000 p.m. for first two years + HRA as per University Norms
- ₹35,000 p.m. for the third year + HRA as per University Norms

**Registration for Ph.D.:** Selected candidates should register for the full-time Ph.D. programme at the SRM University – AP.

**Project duration:** 3 years.

**Note:** All required research facilities will be provided.

**Application procedure:** Interested candidates should send their detailed CV (only soft copies) by **10 March 2022** to Prof. Ranjit Thapa, Professor, Department of Physics, SRM University – AP, Neerukonda, Dist Guntur 522 240, Andhra Pradesh (e-mail: ranjit.t@srmap.edu.in). The subject of the e-mail should contain ‘Application for JRF in Design Principle of Single-Atom Catalyst’.

Short-listed candidates called for the interview through the ZOOM platform.

For more information: [https://srmap.edu.in/faculty/prof-ranjit-thapa/](https://srmap.edu.in/faculty/prof-ranjit-thapa/)