

SRM University – AP
Guntur District, Mangalagiri 522 240, Andhra Pradesh
srmmap.edu.in



Core Research Grant, Science and Engineering Research Board Sponsored Research Project – Junior Research Fellows – One

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@srmmap.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://srmmap.edu.in/faculty/prof-ranjit-thapa/>



Ahmedabad University is a private, non-profit research university founded in 2009 by Ahmedabad Education Society (AES), offering a liberal education focused on interdisciplinary learning and research thinking.

PhD Programme in BIOLOGICAL AND LIFE SCIENCES

The PhD Programme in Biological and Life Sciences at the School of Arts and Sciences of Ahmedabad University provides a lively exchange with experts from across the academic disciplines and various global partnerships, and the programme grants access to state-of-the-art laboratories. The scope of the division's research spans pure and applied biological sciences ranging from 'ecosystem to molecules'.

Areas where positions exist:

- Species, Climate Warming, and Evolution
- Neuroscience
- Behavioral Ecology and Wildlife Biology
- Molecular parasitology
- Forensic Science and Toxicology
- Animal Behaviour and Disease ecology
- Systems Biology and Evolution
- Cancer Biology
- Structural Biology/Biochemistry/Bioinformatics

FINANCIAL AID:

A 100% tuition waiver will be given to all full time doctoral students.

In addition to a full tuition fee waiver, University Fellowship in the form of a monthly stipend is also provided to deserving candidates.

Other avenues of financial support include teaching assistantships of the School or fellowships from sponsored research projects.

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ELIGIBILITY

- The applicant must have completed a Master's Degree in any discipline with a minimum of fifty five (55%) per cent marks or an equivalent grade in any of following areas: Life Sciences. Areas: Biochemistry, Microbiology, Biotechnology, Botany, Zoology, Chemistry, Life Sciences, Nanotechnology, Toxicology, Bioinformatics, Environmental Science, Environmental Engineering, Biomedical Engineering, Bioengineering, Forensic Sciences (Biology/Chemistry) or an equivalent degree in subjects related to biological sciences.
- In exceptional cases, a candidate with a Bachelor's degree may be admitted to the programme, albeit with the requirement of completing additional credits as per the overall PhD policy of Ahmedabad University.

IMPORTANT DATES

	Admission Cycle 1	Admission Cycle 2
Application portal opens	Monday, February 14, 2022	Monday, March 28, 2022
Application Deadline	Friday, March 25, 2022	Sunday, June 12, 2022
Tentative Date for test and Interview	April 7-April 9, 2022	June 20 - June 22, 2022
Announcement of Results	Wednesday, April 20, 2022	Friday, July 1, 2022