



October 30, 2024

ADVERTISEMENT FOR JUNIOR RESEARCH FELLOW

Applications are open for the Junior Research Fellow position (only Indian Nationals) for the SERB-DST, Govt. of India-sponsored project titled "**Genome Exploration of Rice Landraces through Machine Learning Methods and their Validation.**"

<i>Name of the post</i>	:	Junior Research Fellow (JRF)
<i>No. of posts</i>	:	One
<i>Essential Qualifications</i>	:	M.Sc./MTech. in Bioinformatics/Artificial Intelligence/Computer Science/Biotechnology/IT with minimum 55% aggregate mark selected through, a. National Eligibility Tests – CSIR-UGC NET including lectureship (Assistant Professorship) and GATE b. National-level examinations conducted by Central Govt. departments and their agencies and institutions.
<i>Duration of the post</i>	:	Three Years
<i>Fellowship</i>	:	Rs. 37,000 + HRA / month

Desirable Qualifications:

- ✓ Knowledge and/or Research experience in handling big data (WGS/Re-Seq, Transcriptome data)
- ✓ Programming skills and working knowledge of Python, MATLAB, Machine Learning and deep learning software
- ✓ Field experience and scientific data collection with frequent travel
- ✓ Good communication skills in English

Important Notes:

- The upper age limit is **28 years**, as per DST norms. The reservation policy of Govt. of India applies to OBC/SC/ST.
- The position is temporary and does not guarantee any claim to a regular position in the University.
- Submit a detailed CV with a cover letter (softcopy) specifically addressing your expertise in the desired qualifications, along with soft copies of the educational qualifications and experience, by **November 15, 2024**, to amanicks@cukerala.ac.in.
- Only shortlisted candidates will receive interview invitations via email.
- Interviews may be conducted both offline and online as per request. No TA/DA for the interview.
- The initial appointment will be ONE year, extendable based on performance until project completion.
- The position offers the possibility to pursue a PhD within the same project.

This project presents an exciting opportunity to delve into cutting-edge research in genomics and machine learning while contributing to the exploration of rice landraces. Join us in this dynamic endeavour towards scientific exploration and innovation.

Contact: Prof. Manickavelu (PI); amanicks@cukerala.ac.in
(Ph.no.: 90804624181)
Prof. Rajesh K (Co-PI): rajeshr@cukerala.ac.in