

Position

Applications are invited for the post of Project Assistant / Junior Research Fellow in the lab of Dr. Krishna Melnattur. This project is focused on using the fly *Drosophila* to understand mechanisms of sleep dependent plasticity and learning. For more info on the lab's work visit <https://krishna-melnattur.weebly.com>

Roles and Responsibilities

The ideal candidate is an engineer with interest in neuroscience. The position involves working closely with the principal investigator and other lab members on the design, construction and assembly of behavioural apparatuses, including apparatuses for visual learning. Accordingly, **skills and experience in electronics engineering including wiring circuits and programming Arduinos / Raspberry Pis** is preferred. Likewise, mechanical engineering experience including the ability to tinker and build novel apparatuses and wood / glass / acrylic fabrication is a big plus. Some degree of programming experience is also helpful.

Excellent organisational skills, the ability to handle multiple projects and keeping of meticulous laboratory records is a must. If interested, the fellow / assistant could also participate in writing of manuscripts and grants.

Qualification:

Bachelor's degree or diploma in engineering from an accredited institution. Additional qualifications for JRF are: Post-graduate or graduate degree with NET/GATE qualification.

Appointment Details:

The appointment will be made for a period of six months with an option for renewal. Fellowship amount is as per Government of India guidelines. Candidates without NET/GATE qualification may be considered for project assistant post with compensation as per appropriate Government of India guidelines.

Application Process:

Interested candidates should include in their application:

- 1) A CV (with complete academic record and research experience, and names and contact information for **two** references)
- 2) A cover letter describing their career goals, research interests and what excites them about the lab's work.

Applications should be emailed to Dr. Krishna Melnattur, Assistant Professor, Biology and Psychology, Ashoka University at krishna.melnattur@ashoka.edu.in. Please use the subject line "**Engineering Project Assistant / JRF position**"

An initial screening to shortlist suitable candidates will be followed by an interview by a panel of scientists. The first round of interviews of short-listed candidates will be conducted around the 18th of July 2022, but applications can continue to be sent in after that.

Note: Mere fulfilment of qualifications/experience requirements does not entitle a candidate to be called for the interview. Only shortlisted candidates will be called for an interview and will be informed by email. We believe strongly in a diverse and inclusive environment. Candidates from historically marginalised backgrounds are encouraged to apply.