

Job Title: JRF/Project Assistant

Reports to: Dr. Dilip Kumar

Location: Trivedi School of BioSciences, Ashoka University

Experience (in years): No prior experience mandatory

Nature of work: Full Time

About Ashoka University:

10 years ago, we embarked on a journey to establish a world-class, multi-disciplinary, liberal arts and sciences university in India. Built on the finest global best practices of institution and university governance, Ashoka has truly transformed Indian higher education in India with its unique pedagogy, governance and best practices.

Ashoka is today India's #1 liberal arts and sciences university that is home to the most diverse student body, a hub for impactful research and a magnet for best-in-class faculty and staff.

Ashoka has been ranked in the top five among private Universities in India by QS Asia and has also secured top rank among all Indian Universities in the 'International Faculty' indicator. The University was earlier awarded Diamond rating by QS I.GAUGE as a recognition of its continuous focus on academic rigour, inter-disciplinary pedagogy, world-class faculty, academic research, innovative modules of engagement with the community and teaching methods. For further information, visit www.ashoka.edu.in.

We aim to co-create a nurturing space for our students, faculty, staff, donors and community positively through universal values:

- **Be Mission-Driven**
- **Think Strategically**
- **Act Authentically**
- **Take Accountability**
- **Build Collaboration**
- **Deliver Excellence**

About Department/Centre: Trivedi School of BioSciences/Department of Biology

Role and Responsibilities: Applications are invited for the post of Junior Research Fellow/Project Assistant in Structural Virology lab (PI: Dr. Dilip Kumar) at Trivedi School of BioSciences, Ashoka University. The lab focuses on exploring therapeutic potential of neutralizing monoclonal antibodies and replication transcription complexes (RTCs) of pathogenic RNA viruses by using integrated structural biology approach (X-ray crystallography, cryogenic electron microscopy, and in silico methods). Our lab works on various aspects of protein biology such as cloning, expression, purification, and structural and functional characterization. The project fellow position involves working closely with the principal investigator (Dr. Dilip Kumar) on all these experiments, performing data analysis, and other routine lab tasks. The fellow/assistant would also be expected to keep up with the relevant literature, participate in group discussions and regularly present their work. The assistant/fellow could also aid in preparation of manuscripts depending on the progress of the project. Keen interest and motivation to address fundamental questions in viral replication, transcription and immune invasion mechanism, the ability to handle multiple projects and keeping of meticulous laboratory records is a must. Prior experience of protein biochemistry and related methods is preferred but not essential.

Eligibility: Bachelor's degree or master's degree in life science from a UGC accredited university.

Education Qualification: Bachelor's degree or master's degree in biological sciences from a UGC accredited university.

Competencies:

Skill Sets: Molecular cloning, site-directed mutagenesis, protein expression and purification, biochemical characterization, basic understanding of bioinformatic tools

Application Submission Process

Please submit an updated CV at dilip.kumar@ashoka.edu.in /connect.hr@ashoka.edu.in (As per requirement), with the subject line – <Job Name+Department Name_Applicant Name>.

Kindly ensure that the application includes the last compensation received, expected salary, and notice period.

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.

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 2nd week of Feb 2023. Only shortlisted candidates will be contacted.

Ashoka is an equal opportunities employer. Remuneration will be competitive with Indian non-profit pay scales and will depend upon the candidate's experience levels and the overall organization's salary structure.