

**Job Title:** DST-SERB funded JRF

**Reports to:** Dr. Pramoda Kumar

**Location:** Ashoka University

**Experience (in years):** NA

**Nature of work:** Full Time

### About Ashoka University:

Ashoka University -India's premier interdisciplinary teaching and research university. An institution that has become a beacon of academic excellence in less than 10 years since its inception. At Ashoka, we encourage you to embrace the new, push the boundaries for continuous learning, and adapt to a world of constant change Because we believe that each Ashokan is capable of becoming a thought leader.

As part of our thriving and committed workforce, you will:

**Be Mission-Driven:** Champion interdisciplinary learning, innovative pedagogy, and academic rigor to transform Indian higher education.

**Think Strategically:** Collaborate with visionary minds to shape the future of higher education through strategic planning and a forward-thinking approach.

**Act Authentically:** Embrace authenticity and integrity, fostering an inclusive and supportive environment where every voice is valued.

**Take Accountability:** Own your work and drive positive change, as an empowering individual seeking to make a meaningful contribution.

**Build Collaboration:** Experience the power of teamwork and diverse perspectives, working collectively towards our shared goals.

**Deliver Excellence:** Strive for excellence in all aspects, upholding the highest standards of academic excellence, student support, and professional development opportunities.

At Ashoka University, we are on a mission to redefine higher education and create a remarkable space where innovation and collaboration thrive. As a **pioneering force in interdisciplinary learning**, we **continually grow and adapt** to stay at the forefront of educational excellence with emphasis on inclusivity and equal opportunity. Our philosophy revolves around **care, well-being, and connection**, which are deeply embedded in everything we do.

When you join our community, you become part of an extraordinary journey in which you can unleash your potential and make a meaningful impact. Where education empowers, where innovation thrives, and where excellence and humility coexist. We truly believe the world will enrich itself when there is progress with purpose.

Applications are invited from eligible candidates for a JRF position in a DST-SERB funded project titled "**Experimental Investigation of Electric Field Induced Effects in Twist-Bend Nematic Liquid Crystals**". The position is purely temporary in nature and ends with the project. The Initial appointment will be for a year, and could be extended up to two more years, subject to the progress in the project work and mutual consent. Monthly fellowship will be as per the ANRF norms.

### About Department/Centre:

The department of physics started in 2017 and has been growing in size and scope to encompass a number of contemporary research areas. Our key focus research areas currently are Condensed Matter Physics (Soft and Hard), Biophysics, Astrophysics, Cosmology and Quantum Field theory. Please refer to the faculty profile pages for more information on the research interests of our faculty members.

### Role and Responsibilities:

The selected candidate is expected to work closely with the PI (Dr. Pramoda Kumar, <https://www.ashoka.edu.in/profile/pramoda-kumar/>) for successful completion of the proposed work. The duty involves designing and running experiments, data collection, analysis, literature survey and writing research articles as part of the research project. The candidate is eligible for leave and medical benefits as per the DST-SERB guidelines.

## Education Qualification:

Candidates must have a Master's degree (M.Sc./M.Tech) in Physics. Preference will be given to those who have (a) qualified in CSIR-UGC NET/GATE/JEST or any other relevant national level examinations and (b) prior experience of working in condensed matter physics research labs.

## Skill Required

- Expected to demonstrate an excellent understanding of basic physics with particular emphasis on condensed matter physics.
- Should have a minimum training (at least MSc level) in physics laboratory work.
- Expected to have a fair knowledge of (or should be ready to learn quickly) computer programming, instrument interfacing (automation) and data analysis.

## Application Submission Process:

We invite you to embark on this journey by submitting your application to Ashoka University's <Department Name>. To ensure your candidacy receives the attention it deserves, kindly follow the application submission process outlined below:

**Prepare an Updated CV:** Showcase your professional accomplishments, skills, and experiences in an updated curriculum vitae.

**Submit Your Application:** Interested applicants should send their CV along with degree certificates and marks cards, research experience certificate (if any), contact details of at least three referees (email and contact number) and a cover letter to [pramoda.kumar@ashoka.edu.in](mailto:pramoda.kumar@ashoka.edu.in) with the subject line – <JRF –Department of Physics - Applicant Name>. **Only shortlisted candidates will be requested to appear for the interview.** To know more the physics department, one may refer to the following links.

<https://www.ashoka.edu.in/department/department-of-physics/>

**Include Essential Details:** Along with your CV, kindly provide the following information:

- Last compensation received: We value your expertise and acknowledge the importance of fair compensation.
- Expected salary: Share your aspirations for growth and remuneration.
- Notice period: Inform us of the time required to transition from your current role, if applicable.

**Pursuit for Excellence:** At Ashoka University, we strive for excellence in all aspects of our operations. Therefore, only shortlisted candidates will be contacted as part of our rigorous selection process.

**Adherence to Deadlines:** Position open until filled.

We look forward to receiving your application as we embark together on a remarkable journey of professional growth and development. Join our exceptional community at Ashoka University, where excellence is nurtured, and aspirations are transformed into reality.

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**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.