Job Title: Teaching Fellow, Physics Department

Reports to: Physics Department

Location: Ashoka University, Sonipat

Nature of work: Teaching Fellow

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.

About Physics Department: The Physics Department at Ashoka University offers a rigorous undergraduate curriculum that combines strong foundations in theoretical, experimental, and computational physics with the broader interdisciplinary vision of a liberal arts education.

Physics courses are broadly divided into theory and laboratory components and contribute to the curriculum leading to a major in Physics. The theory courses include core undergraduate areas such as Mathematical and Computational Physics, Waves and Optics, Quantum Mechanics, Thermodynamics, Statistical Physics, and Physics of Matter. The laboratory courses are designed to go beyond routine undergraduate experiments and emphasize conceptual understanding, careful measurement, data analysis, and scientific reasoning. Class sizes are typically small, with fewer than twenty-five students in most Physics courses and laboratories, allowing for close academic interaction between students, faculty, and Teaching Fellows. Foundation courses, which are taken by students from all disciplines, may have larger enrolments, with a maximum class size of around 100 students.

A typical theory course consists of two 90-minute lectures and one 90-minute discussion session per week, along with office hours. A lab has one three-hour session and another three hours of extra work time per week. Each course has one faculty instructor, aided by one TF in a lab, and by one TF in a theory course. Each TF is attached to one lab and one theory course, or to two theory courses.

Role and Responsibilities: The duties of a TF in a lab course include making hand-outs, preparing experiments, supervising students, and grading lab reports. The duties in a theory course include attending classes, grading homework assignments and tests, and leading weekly discussion sessions (intended to improve problem-solving skills). In addition, a TF is expected to hold office hours so that students with difficulties may consult them. The total number of working hours in a week is about fifteen, usually spread over four days.

Foundation courses at Ashoka University form an essential part of its broad-based liberal arts programme. They are taken by students of all backgrounds and majoring in all disciplines. There are two 90-minute lectures per week given by a professor. The class is divided into six groups of 15-20 students, three led by one of the two TFs assigned to the class. Each group has one 60- minute discussion session (DS) per week.

Qualifications: Master's degree in Physics

Skills Required: The candidate should have a strong understanding of Physics and the ability to explain concepts clearly to students from diverse backgrounds. They should be comfortable with problem-solving and laboratory instruction. Good communication skills, reliability, teamwork, and familiarity with computational tools are desirable.

Interested applicants should write to the following e-mail address: **physics.dept@ashoka.edu**.in with a CV containing details of their educational qualifications, on or before **July 27, 2026**. Shortlisted candidates would be called for an online interview in the first week of August 2026.