

**Job Title: Project Research Scientist****Reports to:** Prof. Gautam I Menon**Location:** Ashoka University**Experience (in years):** 1-2 years of post-PhD experience**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, interdisciplinary pedagogy, world-class faculty, academic research, innovative modules of engagement with the community and teaching methods.

For further information, visit [www.ashoka.edu.in](http://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:** The Department of Biology at the Trivedi School of Biosciences brings together the biosciences, other natural sciences, computational science and social sciences, with a mission to enable developing sectors in basic research, biotechnology and health research.

**Role and Responsibilities:** The selected candidate will work on an NDMC supported project in disease modelling titled "Applying agent-based models to neglected diseases of relevance to India". This is a computational project which involves the use of BharatSim, an ultra-large-scale simulation framework for the Indian population, in simulations of neglected diseases, including soil-transmitted-helminth diseases, but also typhoid as well as a novel disease X.

**Eligibility**

Ph.D. in applied mathematics, statistics, computer science, physics, chemistry, biology with a thesis that involved some computer simulations, preferably in mathematical modelling/epidemiological modelling or related areas

**Competencies** – Some familiarity with epidemiological modelling + computational experience. Ideally 1-2 years of post-Ph.D. experience, preferably in epidemiology or a closely related field

**Skill Sets** - The candidate should be comfortable with computer programming (any language) and also willing to learn new computational skills.

**Last Date for Application:** 25<sup>th</sup> February 2025

### **Application Submission Process**

Please submit an updated CV at [scholar.management@ashoka.edu.in](mailto:scholar.management@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.

Only shortlisted candidates will be contacted.

Candidates applying after the due date will not be considered.

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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.