

Job Title: Project Associate, Sex differences in genetic architecture of complex traits and disorders, Koita Centre for Digital Health at Ashoka (KCDH-A), Trivedi School of Biosciences

Reports to: Dr. Anasuya Chakrabarty, Assistant Professor (Research), KCDH-A

Location: Koita Centre for Digital Health at Ashoka (KCDH-A), Trivedi School of Biosciences, Ashoka University, Sonapat, Haryana

Experience (in years): 0-2 years

Nature of work: Statistical genomic and bioinformatic analyses

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 KCDH-A: Koita Centre for Digital Health at Ashoka University is a joint Centre of the Trivedi School of Biosciences and the Department of Computer Science at Ashoka University, established with support from Koita Foundation, a philanthropic organisation with a mission to accelerate Digital Health adoption in India. It is an interdisciplinary Centre focused on advancing digital health research, education, and policy.

Role and Responsibilities: We are looking for a project associate (biologist/non-biologist) who has a quantitative bend of mind, interested in statistics and programming. The project involves investigating sex differences in the genetic architecture of human complex traits and disorders. Specifically, it requires – data wrangling and analysis involving – a) statistical genomic methods involving summary data as well as individual-level genotype data, b) bioinformatic methods exploring omics data. Data interpretation and writing up results.

Qualifications: a) MSc in Bioinformatics/Biotechnology/ Statistics/ Computer Science or a B.E./BTech in a relevant field.

b) Experience: 0-2 years in statistical/bioinformatic analysis

Skills Required: a) Hands-on experience in UNIX or R or Python programming

b) Proficiency in statistics

c) **Desirable:** Hands on experience in computational genomics involving handling DNA-sequence data.

Compensation: INR 40,000 per month consolidated.

Application Submission Process:

We invite you to embark on this journey by submitting your application to Ashoka University's KCDH-A. 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: Please send an updated CV highlighting relevant experiences to head.kcdha@ashoka.edu.in and anasuya.chakrabarty@ashoka.edu.in, ensuring the subject line reads **Project Assistant_Genomics_<Applicant's name>**.

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: To ensure fairness and efficiency, please submit your application by **15th May 2026**. Applications received after the deadline will not be considered.

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.