

Project Assistant Positions in SharmaG_omics Lab@IBAB

Applications are invited from motivated candidates for the Project Assistant position(s) in the [SharmaG_omics Lab](#) at the Institute of Bioinformatics and Applied Biotechnology (IBAB), Bengaluru. The successful candidate will work on next-generation sequencing (NGS) data analysis and comparative omics projects focused on plants, humans, and microbial organisms.

The position will be offered initially for six months, and based on performance and satisfactory progress, it can be extended until project funding is available. Meritorious and enthusiastic candidates may be considered for the IBAB-PhD program based on their willingness, suitability, and eligibility. Selected candidates may also avail on-campus hostel accommodation.

Essential Qualifications:

B.E./B.Tech or Master's degree (M.Sc. OR equivalent) in Bioinformatics/ Computational Biology/ Biotechnology/ Information Sciences or related subjects with at least 60% of marks or 6.50 CGPA from a recognized university.

Essential skills required for all applicants:

1. Basic microbiology/ molecular biology/ bioinformatics-related skills.
2. Prior knowledge and hands-on experience in using computational tools to analyse NGS data
3. Enthusiasm and willingness to learn programming languages. Preference will be given to candidates who already know languages such as Perl, Python, R, etc.
4. Good communication skills
5. Good organizational and time management skills, including the ability to maintain detailed records

Desirable Experiences and Skills:

1. Students with a research fellowship from central/state government agencies such as CSIR, UGC, DBT, or ICMR would be preferred.

Remuneration:

As per IBAB norms

How to Apply:

Interested applicants should send a cover letter outlining their motivation and a CV demonstrating relevant practical expertise and skills as a single PDF file to microbial_omics@ibab.ac.in. The email subject should be "Application for Project Assistant Position: Your Name".

The application deadline is **May 10, 2022**. Only shortlisted candidates will be contacted for an interview.

About IBAB:

The Institute of Bioinformatics and Applied Biotechnology (IBAB) is a unique institute engaged in education, research, and entrepreneur support programs and is based in Electronic City, Bangalore. The mission of IBAB is to catalyze the growth of biotechnology and bioinformatics in India. IBAB has a unique M.Sc. program with dual specialization in Bioinformatics and Applied Biotechnology and an interdisciplinary Ph.D. program. The institute has strong research programs in various disciplines such as Cancer Biology, Infectious Disease Biology, Synthetic Biology, Molecular Parasitology, Microbial Genomics, Structural Bioinformatics, Systems Biology, and Mathematical Biology, evidenced by the track record of well-trained and experienced faculties. IBAB has an excellent infrastructure and environment suitable for cutting-edge research. For more details about IBAB, visit www.ibab.ac.in/

About the [SharmaG_omics Lab](#):

SharmaG_omics lab is led by Dr. Gaurav Sharma, a DST-INSPIRE Faculty Scientist at IBAB, Bengaluru. The broad interest of our lab lies in exploring and understanding microbial diversity and their genome evolution. With the development of sequencing technologies, an enormous amount of genome/ transcriptome/ metagenome data is available that can be used to infer interesting evolutionary theories, physiological behavior, and putative lifestyles of diverse organisms. Our lab attempts to utilize this open-source genome/ transcriptome/ metagenome data and generate high throughput data from diverse sequencing platforms to bridge the gap between computational data, biological function, and organism evolution.

See the lab webpage: <https://sites.google.com/view/sharmaglab>