PhD Program in Biotechnology
Admission Notice
BRIC-National Institute of Animal Biotechnology (BRIC-NIAB)
RSP-V/2026-27

BRIC-NIAB invites applications for admission to its PhD program in Biotechnology (affiliated with the BRIC-Regional Centre for Biotechnology, RCB, Faridabad) from highly motivated students for the 2026-2027 Academic Session (RSP-V).

BRIC-NIAB is an autonomous institution of the Department of Biotechnology (DBT), Government of India, under the aegis of the newly formed Biotechnology Research Innovation Council (BRIC), leading in basic and translational research on animal health and productivity, including the human-animal interface with a vision to improve animal health for human welfare. Our faculty work in the broad areas of Health & Diseases, Reproduction and Production, Omics and Bioinformatics, Nanotechnology, and Regenerative Medicine and models. For the details about the area of research please see below.

The institute has a ravishing and well-maintained ~100–acre campus in Gachibowli, Hyderabad, with all modern facilities for cutting-edge research in the field of Animal Biotechnology. Gachibowli, a prominent suburb of Hyderabad, has evolved into a significant educational hub, hosting a range of esteemed institutions that facilitate possibilities for collaborative, multidisciplinary research.

Eligibility Criteria: Master's degree (M. Sc., M. Tech., M. V. Sc. or M. Pharm) or MBBS, BVSc&AH, or B. Tech (four years) degree in any branch of Life Sciences. Candidates must have CSIR/UGC/DBT/ICMR/INSPIRE* NET JRF/UGC-RGNF or any other national research fellowship valid for 05 years.
Those with only GATE, MPAT or other certification exams (without a 5-year fellowship) are not eligible.
*For DST INSPIRE fellows, RCB registration will be completed only after FINAL award of the fellowship; course work will also begin for them after the FINAL award of fellowship.
Application Procedure: Interested candidates who meet the above criteria may apply online in the prescribed form, through the link available at our online portal (https://www.niab.org.in/Notifications_RSP_5_2026.aspx). Soft copies of certificates in support of date of birth, educational qualifications, reservation category (if applicable), and fellowship examination qualified must also be uploaded. Please contact academic@niab.org.in for any queries. The application portal will open on 3rd Nov 2026 and will be closed on 24th Nov 2026.

Selection Criteria: Admission to PhD Program will be based on two rounds of online interviews. Short-listed candidates for interviews will be informed by email. The interview of short-listed candidates *via* video conference, is scheduled to be held on **14th and 15th Dec 2026** (tentative; dates are subject to change). Those students who will be selected after the second round of interviews will be offered admission, and the students should join the program

no later than **Dec 28th, 2026**. NIAB reserves the right to accept/reject any or all applications without assigning any reasons whatsoever.

Research Areas at NIAB:

1. Health & Diseases
    a. Host-microbe/vector interactions
    b. Molecular genetics, cell biology & pathogenesis
    c. Antimicrobial resistance & mitigation
    d. Diagnostics & Therapeutics
    e. Immunology, vaccines and adjuvants

2. Reproduction and production
    a. Reproductive endocrinology, Metabolism and aging
    b. Molecular & cell biology of reproduction
    c. Infertility and mitigation
    d. Gene/protein engineering
    e. Nutrition & nutrigenomics

3. Omics and bioinformatics
    a. Host & microbial genomics
    b. GWAS and Multiomics
    c. Molecular modeling and Simulations
    d. Artificial Intelligence and Machine Learning

4. Nanotechnology
    a. Nanobiology & nanozymology
    b. Aptamers, biosensors
    c. Nanobioengineering

5. Regenerative medicine and models
    a. Stem cells
    b. Transgenics
    c. Scaffolds & material interfaces
    d. Spheroids & organoids

Facilities: The institute houses state-of-the-art research infrastructure and facilities (https://www.niab.res.in/facilities-2/). PhD students will have ample opportunities to develop a scientific temperament, learn and challenge the rigors of research, and fathom the realms and frontiers of science and technology. Students will interact with top-notch faculties trained around the globe with expertise in various advanced biotechnological tools and techniques in a multidisciplinary research environment.

Campus Life: NIAB offers a research building with a picturesque urban campus having a lively and dynamic community, and a relaxed lifestyle. Students are expected to stay in our hostel within campus, a hygienic and safe canteen with cooks and service providers stationed in house. (https://www.niab.res.in/facilitiescampus/).

Contact address: National Institute of Animal Biotechnology (NIAB), Survey No. 37, Extended Q City Road, Opp. Journalist Colony, Near, Gowlidoddi,

Gachibowli, Hyderabad, Telangana – 500032. For enquiry, contact: email: academic@niab.org.in; Tel: +91 40 2312 130. Website: https://www.niab.res.in/