

2026 PhD ADMISSION

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BRIC - NATIONAL INSTITUTE OF ANIMAL BIOTECHNOLOGY

TO PURSUE YOUR RESEARCH THROUGH STATE OF THE ART
FACILITIES IN THE FIELD OF BIOTECHNOLOGY

RESEARCH AREAS



Health and Disease

- Host-microbe/vector interactions
- Molecular genetics, cell biology & pathogenesis
- Antimicrobial resistance & mitigation
- Diagnostics & Therapeutics
- Immunology, vaccines and adjuvants



Reproduction and production

- Reproductive endocrinology, Metabolism and aging
- Molecular & cell biology of reproduction
- Infertility and mitigation
- Gene/protein engineering
- Nutrition & nutrigenomics



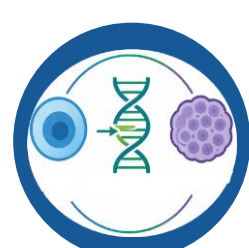
Omics and Bioinformatics

- Host & microbial genomics
- GWAS and Multiomics
- Molecular modeling and Simulations
- Artificial Intelligence and Machine Learning



Nanotechnology

- Nanobiology & nanozymology
- Aptamers, biosensors
- Nanobioengineering



Regenerative medicine and models

- Stem cells
- Transgenics
- Scaffolds & material interfaces
- Spheroids & organoids

Notification

INFRASTRUCTURE AT NIAB

- **Central Instrumentation Facility:** equipped with SEM, TEM, Confocal Microscope, Super Resolution Microscope, Live Cell Imaging, FACS, LC MS-MS HCS, HPLC, FPLC, FT-IR, DLS.
- **Animal Resource and Experimental Facility:** Mice, Rat, Rabbit, Guinea Pig & Chinese Hamster.
- **Large Animal Farm:** Goat & cow
- **BSL-2, BSL-3, Animal BSL2 & Animal BSL3 Facilities.**
- **Central Transgenic Facility:** Mice & Rabbit.
- **Radio Isotope Facility.**

ELIGIBILITY

- 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.
- Apply through our online portal.

Application Details

- Last date of filling the Application form – 30th April.
- Notification to the shortlisted candidates – 4th May.
- Tentative Date for 1st Round of Interviews – 11th and 12th May.
- Tentative Date for 2nd Round of Interviews – 2nd Week of June.
- **For More Details Chek the website for Online Advertisement.**

Selection Process

- Submission of Online Application.
- Two rounds of Interviews.
- Joining followed by the rotation in 3 laboratories according to the student's choice.
- Lab allotment based on student choice & availability.

For Enquiry/More Information

+91 40 23120130 / 121

academic@niab.org.in

https://www.niab.res.in/

For the online
Application



For a view of Facilities and Campus Life See Overleaf

GLIMPSE OF FACILITIES & CAMPUS LIFE AT BRIC-NIAB



Experimental Animal Facility



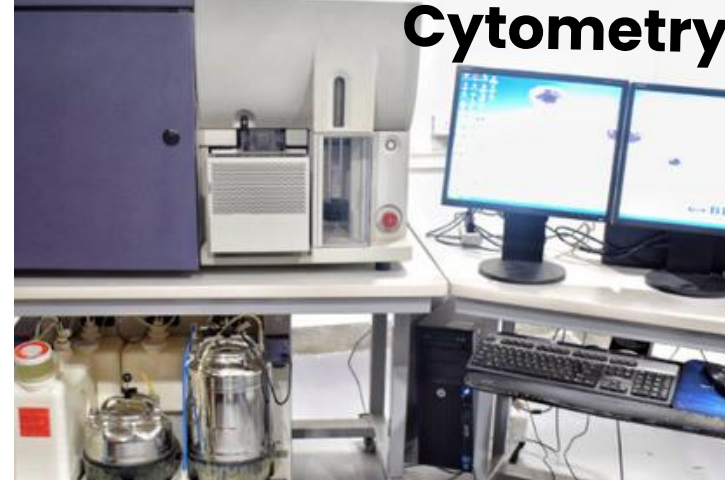
Animal Farm



Super Resolution Microscope



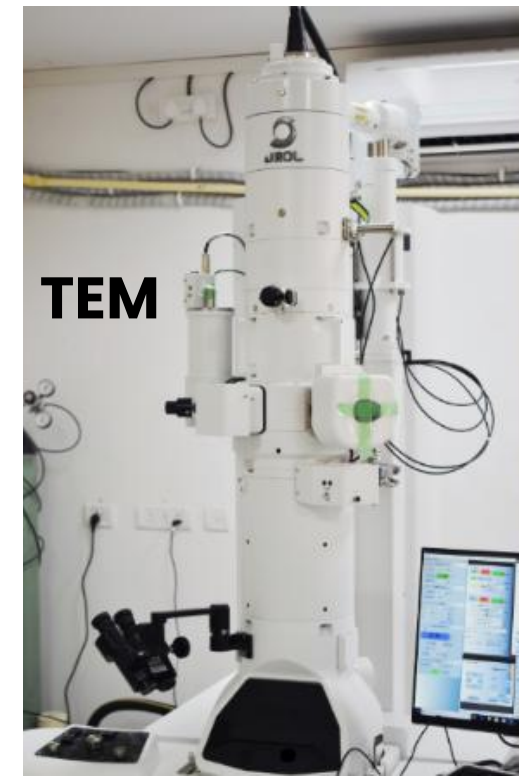
Flow Cytometry



LC-MS/MS



TEM



Operation Theatre for Farm Animals



Lush Green Campus with Serene Lake



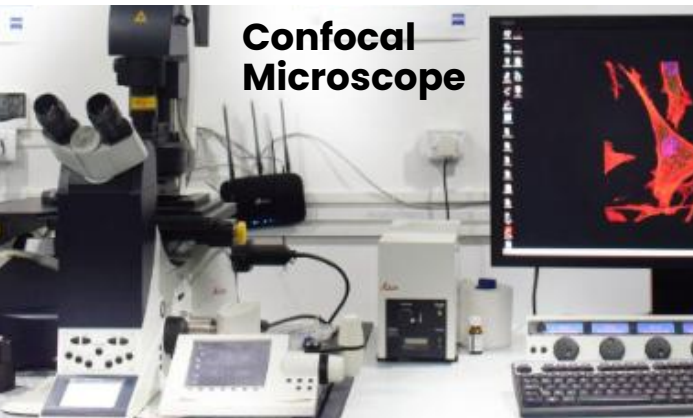
FT IR



Bioinformatics Facility



Confocal Microscope



Mice Transgenic Facility



SEM



High Content Screening



HPLC



FPLC



Live Cell Imager



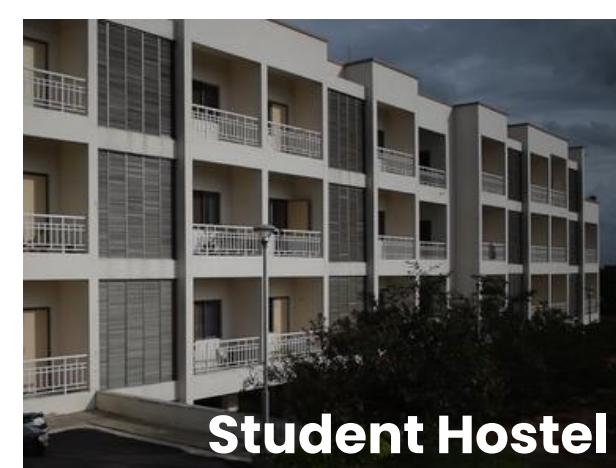
State of the Art Lab



Scientific Conferences



Student Hostel



Yoga Class



Student Mess



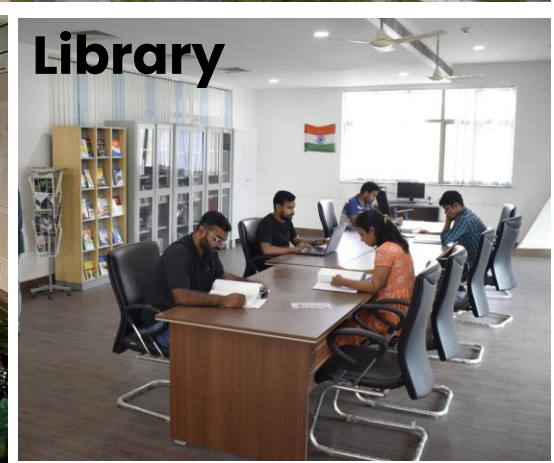
Student Dining



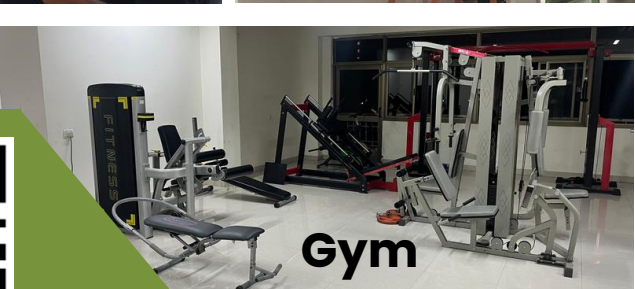
Cultural Programme



Library



Gym



For Enquiry/More Information

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https://www.niab.res.in/

MAP
Location

