

NATIONAL INSTITUTE OF BIOMEDICAL GENOMICS

राष्ट्रीय जैवचिकित्सा जीनोमिक्स संस्थान



(An Autonomous Institution of Department of Biotechnology, Government of India)

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NIBMG/ADMIN/ESTB/2022-23/029

Date: 09.05.2022

INFORMATION FOR STUDENTS INTERESTED TO PURSUE DOCTORAL RESEARCH AT THE NATIONAL INSTITUTE OF BIOMEDICAL GENOMICS (NIBMG), KALYANI

Applications are invited from suitable candidates to pursue doctoral research at NIBMG. The selected students are expected to work on human diseases with emphasis on gaining genomics and biological insights into disease mechanisms using clinical samples and appropriate models, both in silico and in vivo. NIBMG is equipped with state-of-the-art technologies which include single-cell sequencing and Next Generation Sequencing platforms, extensive computational and bioinformatics facility, genetic engineering including cutting-edge CRISPR-Cas Genome editing laboratories, FACS (cell sorter), low and high-resolution imaging facility, Multiplex Elisa/ALPHA-LISA, state-of-the-art zebrafish, proteomics, and upcoming microbiome facilities. The broad areas of research on which students are expected to work are listed below:

- A. Infectious disease
- B. Chronic disease
- C. Cancer
- D. Computational Biology and Statistical Genomics

ELIGIBILITY FOR NIBMG Ph.D. PROGRAMME: -

Certificates from relevant authorities are to be provided as proof before the interview. The minimum eligibility criteria for accepting students at NIBMG to pursue research leading to Ph.D. degree are:

Category A:

- I.** Candidates should have Masters (postgraduate) degree or 4 years B. Tech. in any branch of sciences with interest in pursuing research in Modern Biology, having at least **55%** or equivalent Grade Point Average (GPA) (A relaxation of 5% of marks, shall be allowed for SC/ST/OBC and Persons with Disabilities).
- II.** An applicant must have a valid Junior Research Fellowship from UGC, CSIR, ICMR, DBT (Category I only), NBHM, BINC, and a valid award letter of Research Fellowship at the time of interview. DST-INSPIRE students with a provisional certificate from DST are also eligible to apply. Candidates who have qualified for Rajiv Gandhi National Fellowship or any other fellowship for the reserved categories may also apply.
 - Candidates who have a valid fellowship as mentioned above and are expected to complete their Post Graduate Degree by the end of July-2022 are also eligible to apply. Their selection will be provisional and subject to fulfilling eligibility criteria by the end of November 2022.

- III. Candidates who have qualified only for Lectureship in CSIR-UGC (NET) and the “Project list of ICMR” are not eligible.

Category B:

- I. Candidates with a MBBS degree with at least 55% marks may apply. Selection of such candidates are subjected to the approval of the competent authority.
- II. Preference will be given to candidates with demonstrable research training in the form of summer training or short-term courses in established research laboratories in preparation for a research career in biomedical sciences.

INSTRUCTIONS:

- I. NIBMG Ph.D. program is a full-time program. The selected candidates have to stay on campus.
- II. The complete applications received within the last date will be screened and shortlisted candidates will be called for interview as per the schedule.
- III. Other terms and conditions of the fellowship will be directed by the funding agency awarding the fellowship. The upper age limit for JRF shall be 28 years which is relaxed up to 5 years in the case of candidates belonging to SC/ST/Women/PWD and 3 years in case of OBC candidates, or as applicable.
- IV. Fellowship will be activated as per the respective funding agencies guidelines. NIBMG will not be responsible for providing fellowships.
- V. Reservation will be as per Government of India guidelines.
- VI. **SC/ST/OBC candidates should also upload true copy of Caste Certificate / Latest non-creamy layer certificate along with the application and originals should be produced at the time of joining.**
- VII. Please apply online via web link <https://apply.nibmg.ac.in/> (no other form of application will be accepted). Please indicate online whether you belong to a reserved category or the general category. Online application will be accepted until **5 PM on 31st May 2022**.
- VIII. Applications will be screened based on Research Interest and preference will be given to candidates whose research interest matches with the ongoing research in NIBMG. Short-listed candidates will be interviewed online to make the final selection. Interviews will be in held as per schedule given below.
- IX. In case of any queries, candidates should e-mail at (Office.academic@nibmg.ac.in) Phone enquiries will not be entertained.

SCHEDULE FOR Ph.D. PROGRAMME ADMISSIONS JUNE - 2022

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| Last date of receipt of application at NIBMG with all required documents. | 31-05-2022 |
| Publication of list of shortlisted candidates called for Interview at NIBMG. | 13-06-2022 |
| Date(s) & Time of offline interview. | 20-24 June 2022 from 9 AM onwards |
| Declaration of Result of the interview | 29th June, 2022 |

ASSOCIATE DIRECTOR