



## UNIVERSITY OF CALCUTTA

### Research Eligibility Test (RET), 2020

#### for Admission to the Ph.D. Program in Biotechnology, University of Calcutta

**Department of Biotechnology & Dr. B. C. Guha Centre for Genetic Engineering and Biotechnology (GCGB), 35, Ballygunge Circular Road, Kolkata - 700019**

Applications are invited for admission to the Ph.D. Program in Biotechnology in the Department of Biotechnology & Dr. B.C. Guha Centre for Genetic Engineering and Biotechnology, University of Calcutta.

To be eligible for the application to the Ph.D. Program in Biotechnology of the University of Calcutta the candidate **MUST** secure at least 55% in the aggregate in their M.Sc or equivalent examination from a University recognized by the University Grants Commission (UGC).

Eligible applicants should fill in the prescribed application form (to be downloaded from the University of Calcutta website) and email it to **biotechnologycuret2020@gmail.com** along with self-attested copies of their final mark-sheets of their Bachelor's and Master's degree as well as Caste Certificate, GATE/NET/SLET, M.Tech, M.Pharm, M.Phil, Teacher Fellowship Certificates (whichever is relevant to the applicant). **The copy of the duly filled/signed form along with all relevant self-attested supporting documents should be sent as a single/consolidated PDF file (and not as separate attachments) to the above-mentioned email address.** Due description of the list of documents should be listed in the body of the email in the chronological order of their arrangement in the attached PDF file. **ALL APPLICATIONS THAT ARE INCOMPLETE IN ANY RESPECT OR ARE NOT ACCOMPANIED BY THE NECESSARY SUPPORTING DOCUMENTS WOULD BE REJECTED.** All originals would also need to be produced by the candidate for due verification if offered admission based on the soft copies of the documents provided with the application form– failing which the offer of such admission would be summarily withdrawn.

**Candidates who have already qualified the UGC/CSIR (JRF & LS) NET/SET/SLET/GATE/ Teacher Fellowship or equivalent examination or have passed the M.Phil / M.Tech/ M.Pharm or equivalent examination with at least 50% marks in the aggregate would be exempted from taking the written test but would be required to appear for the final selection interview.** Such candidates would be nevertheless required to submit their duly filled application form supported by self-attested supporting documents to establish their eligibility for such exemption from the written test. Under no circumstances will such documents be accepted for reconsideration unless they accompany the main application form and are submitted within the deadline.

## **NUMBER OF VACANT POSITIONS:**

The Department of Biotechnology & Dr. B.C. Guha Centre for Genetic Engineering and Biotechnology, University of Calcutta presently has **eight (08) vacancies** for its Ph.D. Program. These positions would involve research in the field of disease biology including cancer and inflammatory lung diseases, protein structure-function, and plant biotechnology. However, it is not binding on the selection committee to fill up all vacant positions unless suitable candidates are available for filling up such positions to deliver adequate justice to the relevant research projects (as would be determined by the final interview of the eligible candidates). Reservation(s) for admission to the above positions would comply with the West Bengal State Higher Educational Institutions (Reservation in Admission) Act, 2013. The faculty members under whom such candidates would be enrolled are listed below

1. **Prof. Koustubh Panda, Professor & Head, Dept. of Biotechnology & GCGB, University of Calcutta**
2. **Dr. Gopal Chakrabarti, Associate Professor, Dept. of Biotechnology & GCGB, University of Calcutta**
3. **Dr. Rajat Banerjee, Associate Professor, Dept. of Biotechnology & GCGB, University of Calcutta**
4. **Dr. Anindita Seal, Assistant Professor, Dept. of Biotechnology & GCGB, University of Calcutta**

## **PATTERN OF WRITTEN TEST AND INTERVIEW:**

The written test would be based on fundamental knowledge of Chemistry, Physics, and Mathematics at the Higher Secondary Level and Biological Sciences at the Master's (Advanced) Level. The candidate will have to answer fifty (50) multiple-choice questions that will carry a penalty for wrong answers (this will be clearly defined in the question paper). Candidates qualifying the written test would be invited for the final selection interview along with candidates who are exempted from the written test and the final list of selected candidates would be determined based on the overall performance of all such candidates in this interview.

For the final selection interview, the candidate may be asked questions on their personal research interests and how they plan to fit into the research program(s) of choice being pursued in the labs of the above-listed faculty members as potential Ph.D. Supervisors/Mentors. The candidate would be expected to be conversant with the currently active research projects in the labs of their choice (this is available in the University website). Besides they may be also evaluated for their broad knowledge of different techniques/methods being routinely used in the research labs of Biotechnology or Biological Sciences and their potential applications. Each candidate would be independently evaluated by the members of the selection committee.

## **IMPORTANT DATES:**

Last Date/Time of Submission of the application form by email: **January 04, 2021 (4:00 PM)**

Date of communication to candidates eligible for the written test by email: **January 05, 2020**

Date of online written test (RET) [instructions to be provided by email]: **January 07, 2021 (12:00 PM)**

Date of communication of the results of written test (RET) to successful candidates: **January 08, 2020**

Date of selection interview (to be conducted online) of candidates qualified in the written test and applicants exempted from the admission test by virtue of their qualification of UGC/CSIR NET/SET/SLET/GATE/Teacher Fellowship or M.Phil/M.Tech/M.Pharm or equivalent examination: **January 09, 2020 (12:00 PM)**

Date of publication of the list of selected candidates: **To be notified through email to selected candidates & through the University website after procurement of approval of the Hon'ble Vice-Chancellor, CU.**



**APPLICATION FORM FOR ADMISSION TO THE Ph.D. PROGRAM IN BIOTECHNOLOGY  
UNIVERSITY OF CALCUTTA**

**NAME OF APPLICANT:**

**NAME OF FATHER/MOTHER:**

**DATE OF BIRTH:**

**GENDER: MALE/FEMALE**

**MARITAL STATUS:**

**NATIONALITY:**

**WHETHER SC/ST/OBC/PHYSICALLY CHALLENGED:  
(PLEASE ENCLOSE SELF-ATTESTED COPY OF RELEVANT CERTIFICATE)**

**PERMANENT ADDRESS:**

**EMAIL ADDRESS:**

**TELEPHONE/ MOBILE NO.:**

**ACADEMIC QUALIFICATIONS: BEGIN FROM H.S (+2) AND LIST ALL QUALIFIED EXAMINATIONS INCLUDING B.Sc, M.Sc, M.Tech, M.Phil, M.Pharm (PLEASE ENCLOSE COPIES OF RELEVANT MARKSHEETS)**

EXAMINATION	YEAR OF PASSING	BOARD/UNIVERSITY	SUBJECTS TAKEN	MARKS (%)

**WHETHER QUALIFIED UGC/CSIR (JRF & LS) NET/SET/SLET/GATE/ Teacher Fellowship: YES / NO  
(PLEASE ENCLOSE COPY OF RELEVANT CERTIFICATE(S))**

**WHETHER EMPLOYED/UNEMPLOYED:**

**PRESENT POSITION AND EMPLOYER'S NAME IF EMPLOYED:**

**DATE:**

**PLACE:**

**SIGNATURE IN FULL**

PASTE YOUR MOST RECENT PASSPORT SIZE PHOTOGRAPH HERE (FACE SIZE SHOULD NOT BE LESS THAN 1.5 INCHES VERTICALLY)