



## REGIONAL CENTRE FOR BIOTECHNOLOGY

### PhD (integrated) degree program MSc-PhD in Biotechnology

---

#### **THE PROGRAM**

Research-based learning is the hallmark of RCB academic program. The PhD (integrated) degree program (MSc-PhD in Biotechnology) is offered to students with graduate degree in any discipline of science, engineering or medicine. The program in its first year (1st and 2nd semester) provides extensive learning opportunities in the broad field of life sciences and biotechnology through rigorous classroom teaching and hands-on laboratory experiments. In the second year, the student is mostly required to work in a research lab under the supervision of a research guide in an area of mutual scientific interest, and submit a Master's dissertation at the end of the 4th semester. Based on the performance review of the student, he may be advised to exit the program with a Master's degree (provided all academic and other requirements have been fulfilled) or permitted to continue in the program for pursuing the PhD thesis research in the same laboratory. At this stage, the student can also exercise his choice to exit the program with a Master's degree on satisfactory completion of the course and dissertation requirements.

The PhD (integrated) program is governed by the RCB ordinances and regulations. The [course curriculum](#) has a very significant emphasis on laboratory training, and following the completion of the course work the student is required to work for a Master's dissertation followed by a PhD thesis.

Start of the academic session: July 23, 2018

#### **ADMISSION**

##### **Indian students**

Students with 60% aggregate marks (or an equivalent grade point average) in Bachelor's degree in any branch of Science, Engineering, or Medicine are eligible to be apply for admission. Students from the SC, ST, OBC (non-creamy layer), and PWD categories shall be given a relaxation of 5% aggregate marks. Students in the final year of their qualifying degree program are also eligible to apply provided that they produce a proof of having secured the required marks in their undergraduate degree program at the time of admission to the PhD (integrated) program.

Eligible students are required to appear for the [Joint Graduate Entrance Examination for Biology and Interdisciplinary Life Sciences \(JGEEBILS\)](#). Shortlisted students, based on their performance in the JGEEBILS, shall be invited to appear for interview for their final selection to the PhD (integrated) program. The interview is to assess the student for his science aptitude and interest in a career in scientific research and development.

Up to 20 students, who meet the desired criteria for selection, may be admitted. There shall be reservation of seats for students from the SC, ST, OBC and PWD categories as per the orders of the Govt. of India in this regard.

### **Foreign students**

Students with 60% aggregate marks (or an equivalent grade point average) in Bachelor's degree in any branch of Science, Engineering, or Medicine are eligible to apply for admission. Students in the final year of their qualifying degree program are also eligible to apply provided that they produce a proof of having secured the required marks in their undergraduate degree program at the time of admission to the PhD (integrated) program.

Eligible students are required to apply online for admission and scholarship to the program. Shortlisted students shall be invited to appear for a Skype-based interview for their selection to the PhD (integrated) program. The interview is to assess the student for his science aptitude and interest in a career in scientific research and development.

Up to 5 students, who meet the desired criteria for selection, may be admitted. Admission of foreign students is subject to them getting the student visa from the Govt. of India.

### **FELLOWSHIPS**

The Indian and foreign students admitted to the program shall receive the RCB-Ramachandran-DBT fellowship Rs. 16000 per month for the first 2 years of the program, after which the Indian students shall be required to qualify for the junior/senior research fellowships offered by CSIR, ICMR, DBT, or other such funding agencies. The performance of the foreign students, after completion of their MSc component of the program, shall be evaluated by the Student Advisory Committee and based on its positive recommendation the student shall be awarded the RCB-DBT International Doctoral fellowship equivalent to the fellowships offered to Indian students from different funding agencies as per the relevant DST guidelines. Currently, the amount of the junior research fellowship is Rs. 25000 per month and it is Rs. 28000 per month for the senior research fellowship.

### **DURATION OF THE PROGRAM**

The duration of the PhD (integrated) program is a minimum of 5 years and a maximum of 7 years.

## **HOSTEL FACILITIES**

On campus shared boarding and lodging facilities are available for admitted students on payment of prescribed fees.

## **FEES**

The following fees are payable at the beginning of each semester.

|                             | <u>Sem. 1</u> | <u>Sem. 2</u> | <u>Sem. 3 onwards each semester</u> |
|-----------------------------|---------------|---------------|-------------------------------------|
| Academic Administration Fee | Rs. 5000      | Rs. 5000      | Rs. 5000                            |
| Tuition Fee                 | Rs. 6000      | Rs. 6000      | -                                   |
| Laboratory Fee              | Rs. 6000      | Rs. 6000      | Rs. 6000                            |
| Medical Fee                 | Rs. 3000      | Rs. 3000      | Rs. 3000                            |
| Student Amenities Fee       | Rs. 1000      | Rs. 1000      | Rs. 1000                            |
| Hostel Fee                  | Rs. 1200      | Rs. 1200      | Rs. 1200                            |

Caution money (Rs. 5000) is payable at the time of admission.

PhD thesis examination fee (Rs. 10,000) is payable at the time of PhD thesis submission.

Hostel electricity charges are as per the installed meter, and the cooperative mess charges are to be paid as per the actuals.

The fees may be revised during the course as per the provisions in the RCB ordinance in this regards.

## **APPLICATION PROCEDURE**

Eligible candidates may [apply online](#) for admission to the PhD (integrated) program of the Regional Centre for Biotechnology. The application fee of Rs. 500 may be paid online. The SC, ST, PWD candidates and foreign students are exempted from payment of the application fee.

**The last date** for submitting the application for admission to RCB is December 31, 2017 for the Indian students and March 31, 2018 for the foreign students. Last date to apply for the JGEEBILS is October 12, 2017.

## **CONTACT DETAILS FOR QUERIES**

Phone: +91-129-2848801, Email: office@rcb.res.in