

**INSTITUTE OF LIFE SCIENCES**  
**(An Autonomous Institute under the Dept. of Biotechnology,**  
**Ministry of Science & Technology, Govt. of India)**  
**Nalco Square, Bhubaneswar 751023, India**

**Advt. No.: 16/2019**

**Date: 20.11.2019**

Institute of Life Sciences (ILS), Bhubaneswar, an autonomous Institute of the Department of Biotechnology, Ministry of Science & Technology, Government of India engaged in advanced research invites applications from Indian nationals for **Ph.D. programs in the following research areas:**

- 1. Cancer Biology**
- 2. Infectious Disease Biology**
- 3. Plant Biotechnology**
- 4. Human Genetics**

The name of the faculties who are interested in taking students through regular Ph.D. program of ILS or through their extra mural projects are listed below under the respective research areas. The applicants are strongly encouraged to visit ILS webpage for detailed information regarding the research activities of the respective faculties.

**1. Cancer Biology:**

- Dr. Sandip K. Mishra (Chromatin Remodeling in Breast Cancer)
- Dr. Sanjeeb K. Sahoo (Nano medicine mediated targeting of Cancer Stem-Like Cells)
- Dr. Soumen Chakraborty (Chronic myeloid leukemia (CML) disease progression)
- Dr. Rajeeb K. Swain (Developmental Biology)
- Dr. Rupesh Dash (Gene Therapy for Cancer)
- Dr. Punit Prasad (Epigenetic & Bioinformatics)
- Dr. A. Dixit (Drug design and discovery, Bioinformatics)

**2. Infectious Disease Biology:**

- Dr. Narottam Acharya (Genomic Instability and Diseases)
- Dr. Sunil K. Raghav (Immuno-Genomics and Systems Biology)
- Dr. Santosh Chauhan (Autophagy)
- Dr. Dileep Vasudevan (Structural Biology – Macromolecular Crystallography)
- Dr. Arun Nagaraj (Malaria Parasite Biology)
- Dr. Amol Suryawanshi (Clinical Proteomics & Proteoinformatics)

**3. Plant Biotechnology:**

- Dr. Nrisingha Dey (Development of Novel plant promoters)

**4. Human Genetics**

- Dr. P.V. Ramchander (Human/Medical Genetics & Molecular Diagnostics)

(Continued)

### **Essential Qualification:**

1. Candidates should have passed their M.Sc./ M.Tech./ M.Pharm./ M.V.Sc. or equivalent qualification in life sciences and allied subjects (Biochemistry/ Biotechnology/ Bioinformatics/ Biophysics/ Chemistry/ Microbiology, etc.) with minimum of 60% marks (or equivalent grade point). Candidates awaiting final results may also apply, however, if shortlisted, they have to produce their final mark sheet on the date of the interview, failing which they will not be interviewed.
2. Candidates should have also qualified in CSIR/UGC-JRF or DBT-JRF or DBT-BINC-JRF or UGC-RGNF or ICMR-JRF or DST-INSPIRE or GATE or GPAT. If the original certificate is not available, the candidate has to provide a photocopy of the original admit card and the particular result page highlighting their roll number, along with the application.
3. The candidate should be below 28 years in age, as on 31st December, 2019. An age relaxation of five years in the case of SC/ST/women/PH candidates and three years in the case of OBC candidates will be given (as per Govt. of India rules).

### **Application Fees:**

Applicants except SC/ST/ Physically handicapped are required to send a **non-refundable D.D. for Rs.500/-** in favour of **“Director, Institute of Life Sciences, Bhubaneswar”** payable at Bhubaneswar along with duly filled-in application form by the date mentioned below, for each research area.

### **Fellowship:**

The fellowship and other emoluments will be as per the guidelines of the funding agencies - SERB/DST/DBT/CSIR/ICMR and as revised from time to time.

**To and fro bus/rail fare by the shortest route limited to second class sleeper will be paid to all the candidates appearing for the interview.**

Interested and eligible candidates may fill-up the prescribed application form as available in ILS website ([www.ils.res.in](http://www.ils.res.in)).

Duly filled-up application along with self-attested copies of all relevant certificates and demand draft should be send to the **“Director, Institute of Life Sciences, Nalco Square, Bhubaneswar-751023.”** The application should reach the Institute on or before the last date. Applications received after the last date will not be accepted. The envelope should be superscribed with **“Application for Ph.D. Program in 1) Cancer Biology 2) Infectious Disease Biology or 3) Plant Biotechnology 4) Human Genetics”**. Candidates must mention clearly **ONE** of the research areas for which they are applying. **Candidates interested to apply for more than one research area should send separate applications for each research area, with separate fees.**

**List of candidates selected for the interview will be published in the Institute website ([www.ils.res.in](http://www.ils.res.in)).**

Application to ILS-Ph.D. program does not automatically guarantee that a candidate will be shortlisted for interview. Director, ILS reserves the right to withdraw the procedure without assigning any reasons thereof.

### **Important dates:**

- Last date of receiving applications: **31<sup>st</sup> December, 2019.**
- Date of display of short-listed candidates and instructions in the Institute website: **10<sup>th</sup> January, 2020.**
- Tentative date of interview: **2<sup>nd</sup> week of February, 2020.** The final date of interview will be confirmed when the list of short-listed candidates is displayed in ILS website.

**Administrative Officer**