

**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.: 45/2024**

**Date: 05-Nov-2024**

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 the position of Junior Research Fellows leading to **Ph.D. program.**

**1. POSITIONS AVAILABLE: 18 Nos.**

**The research disciplines are listed below**

<b>S.N.</b>	<b>Faculty</b>	<b>Topic</b>
1	Amaresh C. Panda	Characterization of circular RNAs
2	Arun Nagaraj	Malaria Parasite Biology - Disease Pathogenesis, Host immune evasion and Drug resistance
3	Amol R. Suryawanshi	Understanding of cancer and viral diseases through clinical proteomics
4	Seema Pradhan	Understanding abiotic stress response in crop plants
5	PV Ramchander	Understanding the molecular mechanisms of human genetic diseases/disorders
6	Tushar Kant Beura	Bacterial division and Antimicrobial Resistance
7	Mamoni Dash	Organoids for cancer research
8	Sanjeeb K Sahoo	Nanomedicine in cancer
9	Gunjan Mandal	Developing novel immunotherapies against ovarian cancer
10	Debabrata Biswas	Bacteria-Host interaction during skin diseases
11	Rajeeb Swain	Developmental biology

The applicants are strongly encouraged to visit the ILS webpage for detailed information regarding the research activities at the Institute of Life Sciences.

**2. Essential Qualification/ Eligibility:**

- 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) with at least 55% (without rounding off) (relaxation will be given as per GOI guideline). Candidates awaiting final results may also apply; however, if shortlisted, they have to produce their final mark sheet on the interview date, failing which they will not be interviewed. AND
- Candidates should have also qualified in CSIR/UGC-JRF, DBT-JRF, UGC-RGNF, ICMR-JRF, DST-INSPIRE, or any other nationally competitive fellowship offered by the Government of India having a valid fellowship for five years. If the original certificate is unavailable, the candidate must provide a photocopy of the original admit card and the particular result page highlighting their roll number, along with the application. Candidates with score sheets can also apply; however, they must submit their certificate at the time of the interview if shortlisted.

**Notes:**

1. Reservation criteria will be applied as per GOI rules and regulations.
  2. There will be a 3-tier selection procedure for selecting the candidates for the Ph.D. Program for fellowship holders. Screening of the applicants: Shortlisting based on the criteria mentioned in the advertisement. If the number of applicants are more, the additional criteria/cut-off will be applied to make the shortlisted number reasonable. Selection of the candidates: First round of interviews followed by laboratory interaction for shortlisted candidates only. Shortlisted candidates will be called for the second and final round of interviews, followed by selection.
  3. The selected candidate list will be displayed on the ILS website and subsequently offer letter will be sent to the respective candidates stating the name of the PI assigned and the joining date. The interested student should accept the offer and join ILS within the stipulated joining date. In case of any emergency, the joining date can be extended if intimated before the expiry of the joining date mentioned in the offer letter to a maximum of one month. Multiple extension requests will not be entertained.
  4. Additional information for DST Inspire Fellows selected for ILS-PhD program: ILS will provide technical and intellectual assistance to all the selected candidates (DST-Inspire Fellows) for submitting a PhD project proposal for DST Inspire Fellowship. No financial support will be provided from ILS Core to DST inspire Fellows. PhD registration for all such candidates will be confirmed upon activation of any national level fellowship within a year of joining ILS.
  5. Candidates offered a Ph.D. position in the last selection process and who did not join ILS will not be eligible to apply in the immediately following Ph.D. advertisement.
  6. The candidate should be below 28 years of age as of the last date of the application submission. However, the upper age limit may be relaxed up to 5 years in the case of SC/ST/Persons with Disability (PwD)/female applicants and 03 years in the case of OBC (Non-Creamy Layer) applicants.
  7. Incomplete applications, providing false/incorrect information, and non-possession of essential qualifications detected by the competent authority at any stage of the selection process will lead to the candidate's disqualification. The decision of the competent authority at ILS will be final and binding.
- Interested/eligible candidates may apply ONLINE through the link provided at the institute website ([www.ils.res.in](http://www.ils.res.in) )
  - **Application Fees**: Applicants except SC/ST/ PWD are required to pay a **non-refundable amount of Rs. 500/-**. Candidates have to pay the application fee online only by using the link provided in the online application form.
  - **Fellowship**: The fellowship and other emoluments will be per the guidelines of the funding agencies -DST/ DBT /CSIR/UGC/ICMR and revised from time to time for fellowship holders.
  - To and fro bus/rail fare by the shortest route limited to sleeper class will be paid to all the candidates appearing for the interview.
  - The list of candidates shortlisted for the interview will be published on the Institute website ([www.ils.res.in](http://www.ils.res.in)).

**Important dates:**

1. Last date for receiving applications: **9<sup>th</sup> Dec 2024**
2. Date of display of shortlisted candidates and instructions on the Institute website: **13<sup>th</sup> Dec 2024**
3. Tentative date of interview: **6<sup>th</sup> & 7<sup>th</sup> Jan 2025**
4. Declaration of final results on the Institute website: **On or before 10<sup>th</sup> Jan 2025**

**Administrative Officer**