

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.: 31/2021

Date: 04.06.2021

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.**

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

Name of the Faculty	Area of Interest
Dr. Amol Suryawanshi	Clinical proteomics for understanding biology and diseases
Dr. Anshuman Dixit	Machine learning models for deciphering disease biomarkers
Dr. Arun Nagaraj	Plasmodium Biology - Parasite Virulence and Disease Pathogenesis
Dr. Gulam Hussain Syed	Virus Host Interactions and disease pathogenesis
Dr. Mamoni Dash	Design, synthesis and application of polymeric biomaterials
Dr. N Dey	Deciphering the functional role of transcription factor families in pearl millet
Dr. P.V. Ramchander	Identification and characterization of genes/mutations in human genetic disorders
Dr. Punit Prasad	Chromatin remodeling complexes in myeloid differentiation and leukemia
Dr. Rajeeb Swain	Understanding genetic architecture of kidney diseases using zebrafish as a model
Dr. Sandip K. Mishra	The role of Estrogen Related Receptor β in the crosstalk between extrinsic and intrinsic cell death pathways in breast cancer
Dr. Sanjeeb K. Sahoo	Nanotechnology based Drug Delivery for Cancer
Dr. Sunil K. Raghav	Developing immune-perturbed T cells for personalised therapy
Dr. Tushar Kant Beuria	Bacterial cell division and Antimicrobial resistance

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. Candidates with mark sheet can also apply, however, they have to submit their results at the time of interview.
3. The candidate should be below 28 years in age, as on 2nd July, 2021. 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).

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Application Fees:

Applicants except SC/ST/ physically handicapped are required to pay a **non-refundable amount of Rs.500/-**. The bank details: Beneficiary name: Director, Institute of Life Sciences, Bhubaneswar, Account No: 450502010006285, Bank: Union Bank of India, Chandrasekharpur, Bhubaneswar; IFS Code: UBIN0545058

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 sleeper class will be paid to all the candidates appearing for the interview.

Interested and eligible candidates may fill-up the prescribed application form through the link <https://forms.gle/v7fiHnrJtufMndYH8> as available in ILS website (www.ils.res.in). Duly filled-up application form along with self-attested copies of all relevant certificates and copy of proof of payment should be send to the academic@ils.res.in on or before **2nd July, 2021 (05.00 PM)**. **Hard copy of the application must be posted.** Applications received after the last date will not be accepted. The application should be sent with the subject **“Application for Ph.D. Program”**.

List of candidates selected for the interview will be published in the Institute website (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.

Address for positing your application

To,
The Academic Section,
Institute of Life Sciences,
Nalco Square – Bhubaneswar – 751023
Odisha

Important dates:

- Last date of receiving applications: **2nd July, 2021.**
- Date of display of short-listed candidates and instructions in the Institute website: **9th July, 2021.**
- Tentative date of interview: **2nd week of August, 2021.** The final date of interview will be confirmed when the list of short-listed candidates is displayed in ILS website.