

SHIV NADAR UNIVERSITY

School of Natural Sciences

Department of Life Sciences

Ph.D. Admissions Announcement: Monsoon 2020

The Department of Life Sciences in the School of Natural Sciences at Shiv Nadar University invites applications for admission in the Ph.D. program for the coming semester (**Aug 2020**). Candidates admitted to the full-time PhD program will receive a stipend of **₹50,000/-** per month for the first two years, and **₹55,000/-** per month for the next two years, subject to satisfactory performance evaluated regularly [details below]. Candidates with valid fellowships through CSIR-UGC NET-JRF & DBT-JRF, etc. are encouraged to apply.

Research in the Department of Life Sciences is multifaceted with major focus in the areas of

- Cancer Biology
- Cell Signaling
- Bacterial Morphogenesis and Biofilms
- Neuroscience
- NGS Technologies
- Parasitology
- Protein Folding and Stress Response
- Virology
- Bioinformatics
- Plant Sciences
- Brain metastasis and Neuro-vascular disease modeling
- Chromatin remodeling factors and nuclear receptor signaling

Many of our research projects are interdisciplinary in nature, involving collaborations with other departments/schools/centres of the University. Detailed descriptions of research areas of each faculty member can be found at <https://lsci.snu.edu.in/>.

In the current semester, 7 seats exist in the areas of **Protein chemistry, Neurobiology, Virology, Cancer therapeutics, Stress response and mitochondrial health, Epigenetics, Protein Structural biology and Cancer biology**, while candidates with their fellowships through CSIR-UGC NET-JRF & DBT-JRF etc. may join any of the research areas mentioned above.

After the online submission of application, a copy of the completed form should be sent by **email** to anil.shukla@snu.edu.in. The subject heading of email should clearly mention, “**Application for PhD program in Life Sciences**”. Additionally, you are requested to provide one reference letter to support your candidature at the time of interview.

Selection Process

Shortlisted candidates will be intimated for appearing in written test and interview to be conducted at Shiv Nadar University campus in Gautam Buddha Nagar District (near Greater Noida), U.P. Important dates are mentioned below: Candidates with CSIR-UGC NET-JRF & DBT-JRF, etc., fellowships will directly appear for the onsite interview.

Important Dates

Last date for form submission: **15 June 2020**
Examination and Interview dates: **2 and 3 July 2020**

Eligibility

A candidate should have a Master's degree in any areas of Life Sciences or M.Tech. in relevant areas, with a minimum of 60% marks or an equivalent grade point.

Application Instructions:

All interested applicants should apply online by clicking the “**Apply Now**” tab given at the bottom of this page. Please follow the instructions carefully.

- Fill all the mandatory fields
- **Upload** the following documents online:
 - Passport-size color photograph
 - Current CV
 - All Mark Sheets/Degree Certificates (Bachelor's and Master's)
 - Standard Examination Certificate- CSIR, UGC, GATE etc. (if applicable)
 - A Statement of Purpose (~ 1 page)

After the online submission, a copy of the completed application form should be sent by **email** to anil.shukla@snu.edu.in

Please make provision for at least **one reference letter** in support of your application. The reference letter can also be sent to the same email address.

Application Fees: You will be required to pay a non-refundable application fees of Rs. 1,200 (One Thousand Two Hundred Only) by credit/debit card. Candidate may note that the University reserves the right to accept or reject any application based on its departmental screening criteria; hence not all application, meeting the eligibility criteria may be shortlisted for written examination. Therefore, no requests for refund of the application fee shall be entertained whether or not the candidates are called for written examination.

Fees and Assistantship

Detailed information about the fee structure and the nature of assistantships are available on the website.

All full-time PhD students admitted into the program shall receive a **doctoral research and teaching assistantship consisting of 100% tuition-fee waiver and 70% hostel-fee waiver**. The student shall also receive a **monthly stipend of ₹50,000 for the first two years, and ₹55,000 for the next two years** subject to bench-marked performance. The assistantship is subject to satisfactory performance in the program evaluated continuously and compliance with all University regulations.

For any queries related to the application and admission, you may contact:

Mr. Anil Kumar Shukla, *Administrative Assistant*, Department of Life Sciences.
Email: anil.shukla@snu.edu.in Telephone: 0120-7170100 Extn: 654

Please note that the application will not be considered without all the necessary prescribed documents and application fee. For any queries related to the application and admission, you may write to the email ID given above

About Life Sciences Department:

Many of our research projects are interdisciplinary in nature, involving collaborations across the globe, detailed descriptions of research interests of our faculty and other information is provided on <https://lsci.snu.edu.in> ; <https://lsci.snu.edu.in/research/laboratories>

Research Infrastructure: The laboratories of the Dept. of Life Sciences and School of Natural Sciences (SNS) are well equipped with state-of-the-art research facilities and equipment like FACS ARIA III, Confocal Laser Scanning Microscope, Real Time PCR (ABI), Advanced Fluorescence Microscope, Mammalian, Parasite and Virus culture (BSL-2) facilities, and central instrumentation facility having LCMS, XRD, AFM, Raman spectrometer, Luminometer etc. Computational facilities at SNS include a high performance IBM-Lenovo cluster (“Magus”) consisting of 32 compute nodes (plus two nodes with GPU processors) delivering 332.8 Giga flops by each node and a theoretical peak performance of 10.649 TF from overall compute nodes. Additionally, there are several stand-alone Linux workstations that are being used for teaching and research purposes. Several software for Bioinformatics and Cheminformatics analyses are also available.

About Shiv Nadar University

Shiv Nadar University is a comprehensive, multidisciplinary, research-focused and student-centric institution that is bringing a paradigm shift in higher education in India through its innovative curriculum, interdisciplinary focus, and cross-disciplinary thinking across a wide range of disciplines. The University is building an eco-system of knowledge to promote recognition of the inter-connectedness of ideas, systems, and environments in the world inside the campus, and those outside it. The University Departments and Research Centers are engaged in teaching, practice, and research in disciplines as diverse as Natural Sciences, Engineering, Humanities & Social Sciences, Management, Art, Design, Performing Arts, Communication, and Extended Education & Professional Development. The Schools offer Bachelor, Master's, and Doctoral degrees with multidisciplinary curriculum to enable students to explore subjects and disciplines that may be widely different from their chosen Majors.

The University has been selected as one of the 10 private “**Institutions of Eminence**” by the Government of India. In the **NIRF** (Government's National Institutional Ranking Framework), SNU has been the youngest institution in the 'top 100' Overall list, and our score has been rising steadily. In NIRF-2019, SNU ranked 52 in the 'University' category. The University has been accredited with 'A' Grade by the National Assessment and Accreditation Council (**NAAC**). We are also among a select group of green-field institutions in the country which were awarded the prestigious **Atal Incubation Center** grant by the Niti Aayog, Government of India, in the very first round in 2017.

[APPLY NOW](#)