

School of Natural Sciences
Department of Life Sciences
Ph.D. Admissions Announcement: AY 2017-18

APPLY NOW

The Department of Life Sciences in the School of Natural Sciences (SNS) at Shiv Nadar University (SNU) invites applications for admission in its Ph.D. program starting in August 2017.

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

- Cancer Biology
- Cell Signaling
- Bacterial Genomics and Morphogenesis
- Neuroscience
- NGS Technologies
- Parasitology
- Protein Folding and Stress Response
- Vascular Biology
- Virology
- Bioinformatics
- Plant Sciences

Detailed descriptions of research interests of our faculty can be found at http://www.snu.edu.in/naturalsciences/natural_sciences_life_sciences_faculty.aspx. Many of our research projects are interdisciplinary in nature, involving collaborations across multiple departments in the School of Natural Sciences, as well as other schools and research centers of the university.

Research Infrastructure: The laboratories of the Dept. of Life Sciences and school of Natural Sciences are well equipped with state-of-the-art research facilities and equipments like FACS ARIA III, 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, Photoluminescence etc. Computational facilities at SNS include a high performance IBM 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 bioinformatic and cheminformatic analyses are also available.

Eligibility: A candidate should have (or expect to have by August 2017) an M.Sc. in any branch of Life Sciences, with a minimum of 60% marks or an equivalent grade point.

Selection Process. Eligible candidates will be shortlisted based on their academic credentials and application material submitted. The shortlisted candidates will be required to demonstrate their knowledge through an on-site written test and interview, to be held on **5 and 6 July 2017**. Selections will be based on past academic performance, written examination and interview. Candidates who have qualified for CSIR-UGC NET-JRF, DBT-JRF, ICMR-JRF or any other Government research fellowship will directly appear for an on-site interview. **Admission is sought for a maximum of 18 seats in the department. Please note that the University reserves the right to admit lower number of students if suitable candidates, according to the admission committee, are not found.**

Assistantship: All candidates admitted to the Ph.D. program are eligible for teaching/research assistantships of ₹ 35,000.00 per month for four years. The assistantship is subject to satisfactory performance in the program evaluated continuously, and compliance with all the University regulations. Admission and other applicable fees and charges for the PhD program can be found below or at the SNU website.

About SNU: Shiv Nadar University (<http://snu.edu.in/>) is a multi-disciplinary research university, established by the Shiv Nadar Foundation in 2011 through an act of the State of Uttar Pradesh, India. It is built on a spacious 256 acres fully-residential campus, near Dadri, U.P., at the outskirts of Delhi. The University is driven by its distinguished faculty in natural sciences, humanities and social sciences, engineering, management & entrepreneurship, communication, education, art and design. The Ph.D. program at SNU is full-time and completely residential.

Application Fees: You will be required to pay a non-refundable application fees of ₹ 1,200 (One Thousand Two Hundred Only) by credit/debit card or Demand Draft drawn in favor of **Shiv Nadar University** payable at **NOIDA, Uttar Pradesh**.

Application Instructions:

All interested applicant shall apply online from the link given below or on the website. Please follow the instructions carefully.

- Fill all the mandatory fields
- **Online upload** of following document is required
 - Passport size color photograph
 - Current CV
 - All Mark sheets/Degree Certificates (10th Standard onwards)
 - Standardized Examination certificate- CSIR, UGC, GATE etc.,
 - **A Statement of Purpose**
- **The application fee can be paid online or a Demand Draft can be sent to University.**
- After online submission, print the completed form and send by speed post to the University at the address given below with following document (You may add additional documents if required)
 - Completed form
 - At least one reference letter in support of application
 - Demand Draft for application fee (If online fee payment mode is not used)

Please note that the application is not deemed complete until we receive all the necessary prescribed documents and application fees.

Completed application form along with the supporting documents and online application fee payment receipt or demand draft of ₹ 1,200 is to be sent by Speed Post to:

Mr. Himanshu Ashwal,
EA to the HOD Life Sciences
School of Natural Sciences
Shiv Nadar University
NH-91, Teshil Dadri
District Gautam Buddha Nagar, UP 201314.
Email: himanshu.ashwal@snu.edu.in
Telephone: 0120 3819100 Ext. 868

Applications should reach the above office by 2017 Saturday, 10 June 2017

[Apply for PhD Life Sciences/Bioinformatics](#)

Fee Structure 2017 – 2021 (in ₹)

Item	Year 1	Year 2	Year 3	Year 4	Full Program
(1) One time charges					
Admission Fee (Non-refundable)	₹ 24,000				₹ 24,000
Security Deposit (Refundable)	₹ 75,000				₹ 75,000
(2) Recurring Charges					
Tuition Fee	₹ 1,00,000	₹ 1,00,000	₹ 1,00,000	₹ 1,00,000	₹ 4,00,000
Hostel Fee (Single)	₹ 1,20,000	₹ 1,20,000	₹ 1,20,000	₹ 1,20,000	₹ 4,80,000
Medical Insurance (approx.)	₹ 3,204	₹ 3,204	₹ 3,204	₹ 3,204	₹ 12,816
(3) Total Charges (1)+(2)	₹ 3,22,204	₹ 2,23,204	₹ 2,23,204	₹ 2,23,204	₹ 9,91,816
(4) Financial Assistance					
Tuition Fee Waiver 90%	₹ 90,000	₹ 90,000	₹ 90,000	₹ 90,000	₹ 3,60,000
Hostel Fee Waiver - 70%	₹ 84,000	₹ 84,000	₹ 84,000	₹ 84,000	₹ 3,36,000
(5) Net Payable (3)-(4)	₹ 1,48,204	₹ 49,204	₹ 49,204	₹ 49,204	₹ 2,95,816
Cost Excl. Security Deposit					₹ 2,20,816
(6) Teaching/Research assistantship of ₹35,000 per month (max 48 months)	₹ 4,20,000	₹ 4,20,000	₹ 4,20,000	₹ 4,20,000	₹ 16,80,000

Note:

- Medical Insurance is compulsory for all Ph.D. Students. Premium for Medical Insurance may change as per the prevailing rate offered by the insurance service provider.
- Waivers
 - Waivers for tuition and hostel fee is for 8 semesters only. Beyond 8th semester, the student has to pay the hostel charges and tuition fee in full.
 - The Department reserves the right to reduce the waiver based on the academic credentials of the applicant.
- Continuation of financial assistance is subject to satisfactory performance evaluated continuously, and compliance with all University regulations. The student is required to maintain a minimum CGPA of 7.00.
- The Assistantship is assured for a maximum of 48 months only and cannot be combined with any other fellowship or stipend.
- All charges are payable at the beginning of the Academic Year as per schedule announced separately.
- Mess and Laundry Charges: In addition to above mentioned charges, every Ph.D. student has to pay ₹ 450 per month for laundry. The mess charges approximate at about ₹ 4,300 per month. Student has the option of joining either of two messes.
- Security deposit is refunded on Graduation after deduction of any recoveries.