School of Natural Sciences
Department of Life Sciences
Ph.D. Admissions Announcement: 2016-17

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 2016. Research in the Department of Life Sciences is multifaceted with major focus in the areas of

- Malaria
- Cancer biology
- Vascular biology
- Virology
- Bacterial genomics and morphogenesis
- Neuroscience
- Protein folding and stress response
- Bioinformatics

More 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 are well equipped with state-of-the-art research facilities and equipments like FACS ARIA III, Real Time PCR (ABI), Fluorescence Microscope, Mammalian cell culture (BSL-2) facility 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.
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.

Eligibility: A candidate should have (or expect to have by August 2015) an M.Sc. in any branch of Life Sciences, with a minimum of 60% marks or an equivalent grade point. Short-listed candidates will be required to demonstrate their knowledge through an on-site written test and interview. Candidates who have qualified for CSIR-UGC NET-JRF, DBT-JRF, ICMR-JRF or any other Government research fellowship are strongly preferred.

Selection Process: (As per program) Eligibility criteria mentioned above are minimum standards and applications not meeting the same will be summarily rejected. Eligible candidates will be shortlisted based on their academic credentials. Short-listed candidates will be required to demonstrate their knowledge through an on-site written test and interview, to be held in July 2016. Selections will be based on past academic performance, written examination and interview.

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 or Demand Draft drawn in favor of Shiv Nadar University payable at NOIDA.
Program and Admission Fees:

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<th>Recurring Charges</th>
<th>₹100,000</th>
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<tr>
<td>Tuition Charges</td>
<td>₹113,000</td>
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<td>Hostel Charges</td>
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Financial Assistance

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<tr>
<th>SNU fellowship ₹35000/Month for max 48 months</th>
<th>₹420000</th>
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<tr>
<td>Tuition Fee Waiver (of the charges given above)</td>
<td>90%</td>
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<tr>
<td>Hostel Charges Waiver (of the charges given above)</td>
<td>70%</td>
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1. SNU fellowship is assured for 48 months only.
2. Continuation of Financial Assistance is contingent on student maintaining good academic standards and satisfactory progress towards completion of the Degree.
3. Successful candidates entering the program will pay a one-time admission fee of INR 22,500 and a refundable security deposit of INR 50000.

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. (If applicable)
  - A Statement of Purpose
- The application fee can be paid online or a Demand Draft can be sent to University.
After online submission, the printed application form should be sent by speed post to the University at the address given below with the following document (You may add additional documents if required)
  o Completed form
  o At least **one reference letter in support of the application** (reference letter should be recent and on official letter head of the referee, should be sent in a sealed envelope)
  o 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 documents and application fees.

Supporting documents may 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

Online applications should be submitted by **10th June 2016 by 5 PM.**