

School of Natural Sciences
Department of Life Sciences
Ph.D. Admissions: 2018-2019, Spring (2019)

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 January 2019. Our graduate program is designed to serve a wide range of research interests and offers an excellent learning and research environment to motivated and ambitious students. 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 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
- Vascular Biology
- Virology
- Bioinformatics
- Plant Sciences
- Brain metastasis and Neurovascular disease modeling
- Chromatin remodeling factors and nuclear receptor signaling

However, in this semester, admissions will be considered primarily for the research areas of “Epigenetics biology and Human diseases” **and** “plant epigenomics and developmental biology”.

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

Prof. Deepak Sehgal
Head, Department of Life Sciences
Email: deepak.sehgal@snu.edu.in
Telephone: +91 120 3819 807

After the online submission, a copy of the completed form along with the online payment receipt should be sent by email to phdls@snu.edu.in. The subject heading of email should clearly mention, “Application for PhD Programme”. Additionally, you are requested to provide one reference letter directly on the above email address to support your candidature. If any of the required documents (like reference letter, transcript, etc.) could not be uploaded during the on-line application process due to any reason, the same should be sent as attachment in the above email.

Online submission of application will be closed on Sunday, 16th December 2018

APPLY NOW

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/>

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 equipment 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 Cheminformatics analyses are also available.