



SHIV NADAR UNIVERSITY

School of Engineering

**The Department of
Computer Science and Engineering**

Doctor of Philosophy Programme

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About the Programme

Objectives of the Programme

The Ph.D. programme in Computer Science and Engineering is designed to prepare students for highly rewarding careers in academia and research labs. The demand for quality PhDs is increasing at a rapid rate in the country, thereby creating an ever widening gap between the demand and supply.

Depending upon the academic preparation, admitted students in Ph.D. are exposed to a wide range of core and elective courses with in-depth syllabi, followed by a qualifying exam to test their knowledge. In addition to this, students write a research proposal and starts pursuing research that eventually culminates in a Ph.D. thesis. Such an excellent combination of academic excellence in subject matters and top notch research equips SNU PhDs in CSE with strong knowledge and research skills necessary for pursuing highly productive careers in academia as well as in research labs.

Areas of Specializations

The department currently :

- **Wireless, Mobile Computing and Networking:** Internet of Things, Mobile Sensing, Cyber Physical Systems, Wireless Sensor Networks, Wireless Networks.
- **Data Science and Engineering:** Data Mining, Machine Learning, Mobile Data Management, Data Analytics. Big Data.
- **Security and Privacy:** Network Security, Information Security, Cyber Security, Cryptography.

Admissions to the Programme

Eligibility

Level of Education of Applicant	Selection process
ME / M.Tech in CSE/IT/ECE or equivalent in relevant discipline from a recognized Technical Institute or University with 60% required GPA. OR M.Sc./B.Tech. in relevant branches with exceptionally good academic credentials. For clarification, contact simple.sharma@snu.edu.in Applicants waiting for the qualifying examination results are also eligible to apply.	Shortlisted candidates will be intimated well in advance to appear for written tests and interviews as mentioned below.

Selection Process

Eligibility criteria mentioned above is the minimum required and applications not meeting the same will be rejected. Shortlisted candidates will be invited to take a written test and interview, to be held in July 2019, as mentioned below. Final selections will be based on past academic performance, written examination and interview. **Please note that not all candidates meeting the minimum eligibility criteria may be shortlisted. Candidates with a valid GATE (Computer Science and Information Technology) score of 95 percentile and above will be directly called for interview and they will not have to sit for the written test.** Eligible candidates from IITs, NITs and SNU with a CGPA ≥ 8.0 will not have to appear in the written test and they will appear directly in the interview.

Important Dates

Last date for the receipt of completed application form & application fee	June 24, 2019
Written Tests and Interview	July 08, 2019 (at SNU, Gautam Buddha Nagar) July 05, 2019 (at SSN, Chennai)
Declaration of Results	by July 12, 2019

Syllabus for Written Test

The Syllabus for the written test will be same as that of GATE Computer Science and Information Technology paper 2019.

Fees Structure, Fee Waivers and Assistantships

SNU provides attractive financial assistance in the form of substantial Tuition and Hostel Fee waivers, and an **fellowship-stipend of ₹ 50,000/- (fifty thousand rupees) per month for the first two years and ₹ 55,000/- (fifty five thousand rupees) for the next two years**. Detailed fees structure, Waivers and Assistantships information are mentioned on our website.

Application Fees

You will be required to pay a non-refundable application fees of Rs. 1200 (One Thousand Two Hundred Only) by credit/debit card on-line or Demand Draft drawn in favor of **Shiv Nadar University** payable at **NOIDA**. Candidates may note that the University reserves the right to accept or reject any application based on its departmental screening criteria, hence all applications may not be shortlisted for written examination and/or interview. No requests for refund of the application fee shall be entertained under any circumstances.

Application Instructions

All interested applicants shall apply online using the link provided in SNU Website. Please follow the instructions carefully.

After online submission, print the completed form for your record. It need not be sent to the University except in the case mentioned below.

- In case you have not been able to pay the application fee on-line and are sending it by a bank draft, please send it by speed post to the University at the address given below along with a copy of your application form.
- Sponsored candidate need to send a sponsorship letter from their respective organizations.
- **Please note that the application is not deemed complete until we receive all the necessary prescribed documents and the application fee.**

Address for Speed Post:

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For any queries, please write to simple.sharma@snu.edu.in

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