

SHIV NADAR UNIVERSITY

School of Engineering

PhD Admission Announcement: 2020-21, wef Spring Semester 2021 (Jan) Department of Computer Science and Engineering

The CSE department invites applications for admission in PhD program. Broad area of research interests of the current faculty members spans the following emerging domains.

- Theoretical Computer Science
- Security and Privacy
- Data Science and Engineering
- Artificial Intelligence and Machine Learning
- Wireless, Mobile Computing and Networking

The student is required to work in an area aligned with the current research interests of the faculty in the department. More detailed research interests of CSE faculty can be found on the following link: <https://cse.snu.edu.in/people/faculty>

For multi-disciplinary research work, approval of the Departmental Research Committee is required.

Admissions to the Programme

Eligibility

Educational Qualification

Ph.D. Computer Science and Engineering -Full Time

- ME / M.Tech. in CSE/IT or equivalent in relevant discipline from a recognized Technical Institute or University with 60% marks or 6.5 CGPA in qualifying degree.

OR

MCA/M.Sc.(CS/IT/ECE/Mathematics/Physics/Statistics/Operational Research) with exceptionally good academic credentials.

Ph.D. Computer Science and Engineering - Part Time

- ME / M.Tech. in CSE/IT or equivalent in relevant discipline from a recognized Technical Institute or University with 60% marks or 6.5 CGPA in qualifying degree.

OR

MCA/M.Sc. (CS/IT) with exceptionally good academic credentials.

- The candidate should be working in the area of Computer Science/Information Technology (Industry/Academic Institutions) for a minimum of 2 years and located within 50 km of SNU.

For clarification, contact divya.lohani@snu.edu.in / simple.sharma@snu.edu.in

Important Dates

Last date for the receipt of completed application form & application fee	December 18, 2020
Notification to shortlisted candidates	December 22, 2020
Written Tests and Interview (Online)	Written Test: January 5, 2021 Interviews: January 7, 2021
Declaration of Results	January 9, 2021

Selection Process

Eligibility criteria mentioned above is the minimum requirement. Written test followed by an interview for shortlisted candidates will be held on Jan 5, 2021 and Jan 7, 2021. Final selections will be based on past academic performance, written examination and interview.

- Relevant GATE score for candidates with M.Sc./MCA degree seeking admission to Full-time Ph.D program is mandatory for assistantship and is optional for candidates with M.Tech. Degree. Relevant GATE score is in the following areas:
 - Computer Science and Information Technology, Engineering Sciences, Mathematics, Statistics, Electronics and Communication Engineering and Electrical Engineering

Syllabus for Written Test

The Syllabus for the written test will be as follows:

- **Logical Ability Test**
- **Mathematical Sciences** – Linear Algebra, Probability and Statistics, Calculus, Discrete Mathematics, Elements of Optimization, Elements of Combinatorics, Elements of Number Theory
- **Computer Science** – Programming, Data Structures and Algorithms

Fees Structure, Fee Waivers and Assistantships

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.

SNU does not provide fellowship/assistantship to part-time students.

Application Fees

- Non-refundable* application fees of Rs. 1200 (One Thousand Two Hundred Only).

- Pay by credit/debit card on-line or by Demand Draft drawn in favour of **Shiv Nadar University** payable at **NOIDA**.

*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 should apply online by clicking on “Apply Now” button. Please follow the instructions carefully. Fill all the mandatory fields

Online upload the following documents:

- 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**

After online submission, print the completed form and send by speed post at the address given below. A reference letter in support of your application will also be required.

Following is the checklist of the documents (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 prescribed documents and application fees.

Address for Speed Post:

Mrs. Simple Sharma,
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Shiv Nadar University
P.O. - Shiv Nadar University,
NH-91, Tehsil Dadri
District - Gautam Buddha Nagar, UP-201314.
For any queries, please write to simple.sharma@snu.edu.in