



# SHIV NADAR UNIVERSITY

**School of Engineering**

**The Department of  
Computer Science and Engineering**

**Master of Technology Programme**

**2020-2022**

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## About the Programme

### Objectives of the Programme

The Master of Technology in Computer Science and Engineering is designed to prepare students for more highly productive careers in academics and industry. Students are exposed to a wide range of core and elective courses with in-depth syllabi, combined with specialized research which culminates in a thesis. Such an excellent combination provides the students the breadth and depth of knowledge that is necessary for pursuing highly productive careers in academics as well as in the industry.

### Areas of Specializations

M.Tech. (CSE) also offers specializations in four emerging areas viz., Artificial Intelligence, Data Science, Cyber Security and Embedded Systems which is awarded to the students who complete half of the credits in a specific specialization.

## Admission to the Programme

### Eligibility

Educational Qualification	Selection process
<p><b>B.E. / B.Tech. in CSE/IT/ECE or equivalent from a recognized Technical Institute or University with 60% marks or 6.5 CGPA in qualifying degree.</b></p> <p><b>OR</b></p> <p><b>MCA or M.Sc. in relevant branches are also eligible to apply.</b></p> <p><b>Applicants waiting for the qualifying examination results are also eligible to apply.</b></p> <p><b>Only students with valid GATE score or a CGPA <math>\geq 8.0</math> in their qualifying degree shall be eligible for financial assistantship.</b></p>	<p>Shortlisted candidates will be intimated by 20<sup>th</sup> July 2020 to appear for written tests and interviews as mentioned below.</p>

### Important Dates

Last date for the receipt of completed application form & application fee	15 <sup>th</sup> July, 2020
Notification to shortlisted candidates	20 <sup>th</sup> July, 2020
Written Tests and Interview online	Written test – 23 <sup>rd</sup> July, 2020 Interview – 25 <sup>th</sup> July 2020
Declaration of Results	30 <sup>th</sup> July, 2020

## Total Seats for Regular Candidates

Admission is sought for a maximum of 20 seats in the department under the Regular Category. Please note that the University reserves the right to admit a lower number of candidates if the admissions committee does not find enough suitable candidates. Sponsored candidates may be admitted over and above the seat limit mentioned above.

## Selection Process

Eligibility criteria mentioned above is the minimum requirement. Online written test followed by interview for shortlisted candidates will be held on 23<sup>rd</sup> and 25<sup>th</sup> July 2020 respectively. Final selections will be based on past academic performance, written examination and interview.

The following category students will directly be called for interview:

- Candidates with a valid GATE\* score of 600 and above.
- Candidates from CFTI and SNU with a CGPA  $\geq 8.0$  in above mentioned qualification.

\* Valid GATE score in the following areas:

Computer Science and Information Technology, Engineering Sciences, Mathematics, Statistics, Electronics and Communication Engineering and Electrical Engineering

## Sponsored Candidates

Computer Science and Engineering will accept applications from candidates sponsored by their organization and have a minimum of 2 years working experience. They will only have to appear for an interview, dates for which will be notified in due course.

Eligibility criteria for sponsored candidates is same as for the normal mode of admission. ***Sponsorship letter must be attached with the application.***

## 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

Information about the fee structure and the nature of assistantships are available on the website.

## Financial Assistantship

University offers Teaching Assistantship that include a monthly stipend of ₹ 16000 and waivers in tuition fees (90% waiver) and Hostel fees (70% waiver) to qualified students. The

assistantship is available for applicants with valid GATE score or applicants with  $\geq 8$  CGPA in their qualifying degree in the absence of GATE score.

Other applicants not fulfilling the above criteria who have secured admission in the program shall not receive any financial assistantship.

Sponsored candidates shall not receive any financial assistantship. ***Sponsorship letter must be attached with the application.***

### Application Fees

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

\*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 on SNU Website. Please follow the instructions carefully.

- After online submission, take print out of the submitted form for your record.

**Please note that the application is deemed to be incomplete until we receive all the necessary prescribed documents and the application fee.**

### Address for Speed Post:

Mrs. Simple Sharma,  
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For any queries, please write to [simple.sharma@snu.edu.in](mailto:simple.sharma@snu.edu.in)