

# SHIV NADAR UNIVERSITY

## School of Engineering Department of Computer Science & Engineering Master of Technology (M.Tech.) Program (2021-2023)

### 1. Objectives

The Master of Technology in Computer Science and Engineering is designed to prepare students for 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.

### 2. 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.

### 3. Admissions to the Program

#### Important Dates

Last date for the receipt of completed application form & application fee	<b>10<sup>th</sup> June, 2021</b>
Notification to shortlisted candidates	<b>23<sup>rd</sup> June, 2021</b>
Written Test and Interview (Online)	<b>Written Test: 28<sup>th</sup> June, 2021</b> <b>Interview: 30<sup>th</sup> June to 1<sup>st</sup> July, 2021</b>
Declaration of Results	<b>10<sup>th</sup> July, 2021</b>

#### Eligibility

##### Educational Qualification

B.E. / B.Tech in CSE or equivalent degrees **OR** MCA/ M.Sc. (CS /IT /ECE /Mathematics/ Physics / Statistics/Operational Research) from a recognized Technical Institute or University with 60% marks or 6.5 CGPA in qualifying degree

**Applicants waiting for the qualifying examination results are also eligible.**

**For clarification, contact [simple.sharma@snu.edu.in](mailto:simple.sharma@snu.edu.in) OR [divya.lohani@snu.edu.in](mailto:divya.lohani@snu.edu.in)**

## Selection Process

Eligibility criteria mentioned above is the minimum requirement. Online written test followed by interview for shortlisted candidates (in the written online test) will be held on dates mentioned above. 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 having 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

## 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

## 4. Fees Structure

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

### Financial Assistantship

Detailed information about the fee structure and the nature of assistantships are available on the website. All M.Tech students with valid GATE score (in their qualifying degree) admitted into the program are entitled for teaching assistantship. The assistantship is subject to satisfactory performance in the program evaluated continuously and compliance with all University regulations.

### Application Fees

- Non-refundable\* application fees of Rs. 1200 (One Thousand Two Hundred Only).
- Pay by credit/debit card on-line

\* 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 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- GATE etc (If applicable)
  - ✓ A Statement of Purpose
- 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  
Administrative Assistant  
Department of Computer Science and Engineering  
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](mailto:simple.sharma@snu.edu.in)