

**SARDAR VALLABHBHAI  
NATIONAL INSTITUTE OF TECHNOLOGY,  
SURAT**

**SVNIT  
SURAT**



**ADMISSION INFORMATION BROCHURE**

***M. Tech.(Research)***

**[ Standing Advertisement ]**

**SARDAR VALLABHBHAI  
NATIONAL INSTITUTE OF TECHNOLOGY  
SURAT**



**ADMISSION  
INFORMATION BROCHURE**

**M Tech. (Research)**  
**[Standing Advertisement]**

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## IMPORTANT DATES

[Standing Advertisement]

### M. TECH. (Research) PROGRAMMES

- (a) The application should be submitted only **OFF LINE** after downloading application form through institute web site [www.svnit.ac.in](http://www.svnit.ac.in) .The application form dully filled in all respect should be sent to ‘ The Registrar, SVNIT Surat, Ichchhanath, Surat-395007’
- (b) Candidates must submit the application and processing fee, Rs.1000/- in the form of demand draft, drawn in favour of “Director, SVNIT Surat” payable at Surat and required certificates as envisaged in the information brochure at the time of application. The original documents are to be shown at the time of counseling. In the absence of these documents, candidates will not be interviewed. Application and processing fee will not be refundable.
- (c) The applicants can apply through out year after downloading the application form from institute website. The applications received till June 30 and November 30 shall be processed in July (Autumn semester) and December (Spring semester) respectively for admission in each year. The schedule for interviews of those applicants will be notified separately on institute website in the month of December and June every year.

## **1. THE INSTITUTE**

The Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat is one of the twenty National Institutes of Technology in India set up with the objectives of making available facilities for higher education, research and training in various fields of Engineering and Technology including sciences and management.

The Institute campus is spread over 100 hectares of land on the Surat-Dumas Road. The Institute was established in 1961 as one of the Regional Engineering Colleges for imparting technical education in Civil, Mechanical and Electrical Engineering. In the year 1983-84, an UG Programme in Electronics Engineering was introduced. In the year 1988-89, two UG Programmes in Computer Engineering and Production Engineering were started. In the year 1995-96, an UG Programme in Chemical Engineering was introduced. At present, the Institute is offering seven UG Programmes with an intake of 531 (approx.) students; the intake may increase further up to 693(approx.) by academic year 2010-1011.

In addition to the above, **20 students** are admitted through Government of India from SAARC countries. The Institute is, at present, offering 15 AICTE approved M. Tech Programmes with an intake of 25 students and three Five Years Integrated M. Sc Programmes with intake of 30.

**The M. Tech. (Research) Programmes are being offered in the following Departments:**

### **Applied Mechanics Department**

- (a) Soil Mechanics & Foundation Engineering
- (b) Structural Engineering

### **Chemical Engineering Department**

- (a) Chemical Engineering

### **Civil Engineering Department**

- (a) Environmental Engineering
- (b) Town and Regional Planning
- (c) Planning
- (d) Water Resource Engineering

**Computer Engineering Department**

- (a) Computer Engineering

**Electrical Engineering Department**

- (a) Industrial Electronics

**Electronics Engineering Department**

- (a) Communication System

**Mechanical Engineering Department**

- (a) CAD / CAM
- (b) Industrial Process Equipment Design\*\*
- (c) Mechanical Engineering
- (d) Thermal Systems Design
- (e) Turbo Machines

Also, the following Full-time M Tech courses (Full time with GATE Score, Non-GATE, and Sponsored) are being offered in the institute at different departments and admissions are given in the Autumn Semester of academic year.

**Applied Mechanics Department**

- (a) Soil Mechanics & Foundation Engineering
- (b) Structural Engineering

**Chemical Engineering Department**

- (a) Chemical Engineering

**Civil Engineering Department**

- (c) Environmental Engineering
- (d) Town and Regional Planning
- (c) Planning
- (e) Water Resource Engineering

**Computer Engineering Department**

- (a) Computer Engineering

**Electrical Engineering Department**

- (a) Industrial Electronics

**Electronics Engineering Department**

- (a) Communication System

### **Mechanical Engineering Department**

- (a) CAD / CAM
- (b) Industrial Process Equipment Design\*\*
- (c) Mechanical Engineering
- (d) Thermal Systems Design
- (e) Turbo Machines

\*\* This is an unique course offered by the institute in collaboration and support by leading industry Larsen & Toubro (**L&T**), Hazira, Surat, designed to meet the industry demand focused and specialized to develop design and manufacturing skills of the students, for Pressure Vessels, Reactors, Heat Exchangers etc. for Refineries, Petrochemicals, Fertilizers, Power (Thermal & Nuclear) Sectors. Part of the faculty will be drawn from the L&T and other industries.

L&T sponsored a few candidates last year on the following broad terms:

- Full tuition fees for 4 semesters by L&T.
- Scholarship of Rs 6,000/- per month for 4 semesters.
- After successful completion, candidate will be appointed as Post-Graduate Engineer Trainee in the Company's scheme.
- The sponsored candidate will have to sign a bond to serve the company for a period of 3 years.

(The process of revised MOU between SVNIT and L&T is under process)

**The Five Years Integrated M. Sc. Programmes are being offered in the disciplines of**

1. Chemistry      2. Mathematics      3. Physics

## **2. STUDENT AMENITIES**

Institute is fully residential and has 10 hostels for students. Each hostel is an independent entity with its own mess facilities, recreation areas, etc. However, students may be permitted to have their own arrangement for accommodation outside campus. Extra – curricular activities are provided by Students' Gymkhana. The activities include sports, cultural Programmes, etc.

### 3. ADMISSION AND ELIGIBILITY CRITERIA FOR

#### M. Tech.(Research) PROGRAMMES \*\*

- (i) A candidate should possess B E or B Tech degree in relevant branch and should have passed with FIRST division. **The candidates should bring valid identity proof at the time of interview.**
- (ii) The candidates should have minimum working experience of **FIVE** years after graduation.
- (iii) The candidates for M Tech. ( Research) should be
  - Candidates paid by Government / Semi-Government organizations.
  - Sponsored candidates.
  - Institute Faculty, Staff & Project Staff of the Institute.
  - Faculty, Staff & Project Staff of the other Institute approved by AICTE /UGC.
  - External candidates from any private / public sector organization or research laboratory / organization.
- (iv) The candidates must bring '**NO OBJECTION CERTIFICATES**' from their employers for taking up their M Tech (Research) work at this institute as per format enclosed at **APPENDIX 'B'** at the time if interview.
- (v) The candidates would be required to deposit the fee within prescribed time in account section of the institute after getting their selection through interview process. The details of fee is enclosed at **APPENDIX 'A'**

**\*\* Detail guide lines for M Tech (Research) are available on institute web site.**

### 4. APPLICATION AND COUNSELING PROCEDURE

- (i) The applicants for M Tech (Research) are required to apply by downloading the application form (enclosed at **APPENDIX 'C'**) from institute website with requisite fee.
- (ii) M Tech (Research) candidates are required to report to respective departments on the date of counseling for counseling in their departments.
- (iii) The candidates are required to bring all the certificates related to educational qualification, birth and sponsorship certificates. In absence of these certificates it will not possible to conduct the counseling/interview of candidate.
- (iv) The candidates have to submit an Application and processing Fee (**Non-refundable**) of Rs.1000/-(for Open/OBC) and Rs.500/-(SC/ST) with the application. The fee has to be submitted in the form of crossed Demand Draft in favour of "The Director, SVNIT, Surat" payable at Surat.



## APPENDIX - A

### # FEE STRUCTURE FOR M TECH (RESEARCH) CANDIDATES AT PRESENT

FIRST SEMESTER AT TIME OF ADMISSION		
No.	Details	Fees, Rs/-
Recurring Fees Structure		
(i)	Tuition fees per semester	7,500/-
(ii)	Other fees per annum (inclusive of examination, Library & Other fees)	3,000/-
Non – Recurring Dues (at the time of entry into the institute)		
(i)	Admission fees (one time)	1,000/-
(ii)	Alumni fees (one time) (if not already an alumni)	1,000/-
(iii)	Institute Development Contribution (IDC) (one time- to be credited to institute's Corpus/Endowment Fund Account)	8,000/-
(iv)	Security Deposit (Refundable) (one time)	5,000/-
	Total	Rs.25,500/-
	BEGINNING OF SECOND SEMESTER	7500/-
	BEGINNING OF THIRD SEMESTER	10,500/-
	BEGINNING OF FOURTH SEMESTER	8000/-

**# may change at the time of admission.**

## **APPENDIX - B**

(To be typed on letter Head Pad of the Department)

To,

The Director,  
Sardar Vallabhbhai National Institute of Technology,  
**SURAT – 395 007.**

### **Sub. : No Objection Certificate for M. Tech (Research) Programme**

Dear Sir,

We hereby permit Shri/Kum/Smt. \_\_\_\_\_, who is an  
employee of our Organization, to join M. Tech. (Research) Programme in \_\_\_\_\_  
in \_\_\_\_\_ Engineering Department of SVNIT Surat.

We shall relieve him/her of his/her duties in the Organization during the period of  
examinations to be held at your institute related to the above course.

Date :-       -       - 20       .

**Signature and seal of the Sponsoring Authority**

## APPENDIX - C

SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY,  
SURAT – 395007, GUJARAT  
(An Institute of National Importance)

### APPLICATION FORM

FOR ADMISSION TO M. Tech. (Research) DEGREE PROGRAMMES

Registration No.

(Leave blank)

Application No.

(Leave blank)

DISCIPLINE \_\_\_\_\_ ENGINEERING

Choice of Guide(s)

in order of preference

(If, any)

- a) \_\_\_\_\_  
b) \_\_\_\_\_  
c) \_\_\_\_\_  
d) \_\_\_\_\_

Please paste a recent, self-  
attested passport-size  
photograph

Registration Fee

Bank Draft No.

Date

Amount

Issuing bank

1. Name in full

(Capital letters)

\_\_\_\_\_

2. Sex

M	F
---	---

3. Date of Birth

--	--	--	--	--	--

day month year

4. Age: \_\_\_\_\_

5. Nationality: \_\_\_\_\_

6. a) Name of the Parent/Guardian Shri/Smt \_\_\_\_\_

b) Relationship

\_\_\_\_\_

c) Address for the Communication :

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ PIN \_\_\_\_\_

d) Permanent Address

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ PIN \_\_\_\_\_

e) Contact Phone No. :

Resi: \_\_\_\_\_ Office: \_\_\_\_\_ Mobile No. \_\_\_\_\_  
(with area code)

f) E-mail : \_\_\_\_\_

7. Student Status : (Tick Appropriate Category)

M. Tech. (Research) Student paid by Government/Semi-Government Organization

☐

Sponsored candidate.

☐

Institute Faculty, Staff, Project Staff

☐

Other AICTE/UGC approved Institute Faculty, Staff, Project Staff

☐

External candidate from Private / Public Sector Organization or Research / Laboratory Organization

☐

8. Whether GATE qualified : Yes ☐ No ☐

9. If yes give details, or write N/A

Branch

Validity Period

GATE Percentile

(No scholarship and hostel recommendation will be provided)

10. Details of Qualifying Examination

<b>Examination</b>	<b>University</b>	<b>Year of Passing</b>	<b>Grade Point Average/Percentage of Aggregate Marks Obtained</b>	<b>Class/Grade</b>
S. S. C.				
H. S. C.				
OTHERS, IF ANY (Pl. Specify)				
<b>B. E. / B. Tech. or Equivalent Examination</b>				
1 <sup>st</sup> YEAR				
2 <sup>nd</sup> YEAR				
3 <sup>rd</sup> YEAR				
4 <sup>th</sup> YEAR				
<b>CGPA/Aggregate Percentage of B. E. / B. Tech. or Equivalent Exam (All Semester)</b>				

12. Name of Institute/Department last attended and Year :

13. If employed, name and address of the present employer :  
(Sponsorship Certificate from the Employer should be attached)

14. List of publications (Reprints should be produced before the interview committee. Attach separate sheet, if necessary)

15. Experience if any :

- (i) Research and Development (Brief description of any specific research & development work carried out along with the supporting documents may be given in separate sheet, if required)

- (ii) Teaching at UG/PG level : Duration in year(s) –  
Subject(s) taught –

16. The following details to be filled in by the External candidates

- ( i) Name of the PG course currently offered in the proposed area of research, if any, at your institute/organizations and it's year of starting -

- (ii) Major infrastructure research facility in the proposed area of research available at your institute/organizations (Attach separate sheet, if needed)

- (iii) Name of the Proposed Guide(s) having M.E/ M. Tech/ Ph. D. at your work place who wish to guide you for M. Tech. (Research) work. (Please attach officially forwarded or with NOC the application from such Guide(s) alongwith the Biodata, Research Activities /publications etc)

**Applications from the Guide(s) attached (Pl. tick)**

#### 17. Declaration by the applicant

I, Mr / Ms. \_\_\_\_\_  
hereby declare that all the particulars stated in the application and enclosures are true to the best of my knowledge and belief. I have read the M. Tech. (Research) Admission Information Brochure and I shall abide by the terms and conditions therein. I understand that my admission will be provisional and in event of being found not eligible at a latter date, I will be denied admission and, if already admitted, my admission will be cancelled. I also declare that I have fully understood the implication of scheme of M. Tech. (Research) Program and that I should be devoting enough time to my Program studies. I also understand that in all matters concerning the admission, the decision of the Institute authority is final and I should abide by it.

Place:

\_\_\_\_\_  
*Signature of the Applicant*

Date:

**Note :**

1. Candidate must fill correct CGPA/Aggregate percentage of B.E. / B. Tech. or Equivalent Examination (all semesters). Application without aggregate percentage or incorrect and misleading data will be rejected without assigning any reasons for the same.
2. Attach Authenticated Transcript of Grades/Marks of all the semester leading to qualifying examination.
3. Candidates are required to attach all the relevant certificates including experience and sponsorship certificates.