

**SARDAR VALLABHBHAI NATIONAL  
INSTITUTE OF TECHNOLOGY SURAT**



**ADMISSION  
INFORMATION BROCHURE**

**M Tech. (Research)**

**(With effect from Oct. 2014)**

# CONTENTS

1. **The Institute**
2. **Students' Amenities**
3. **Admission and Eligibility Criteria for M. Tech.(Research) Programme**
4. **Application and Counseling Procedure**

**Appendix - A:** Fee Structure for M Tech (Research) Candidates

**Appendix- B:** **No Objection Certificate** for M Tech (Research) Programme

**Appendix- B1:** **Certificate** to be issued in case NOC for M Tech (Research) Programme is pending

**Appendix- B2:** **Certificate** to be issued in case NOC for M Tech (Research) Programme is pending (For Govt. of Gujarat Employees)

**Appendix- C:** Application for M Tech (Research)

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## IMPORTANT DATES

### 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 after downloading the application form from institute website. Those applications will be processed twice in a year, i.e. Spring Semester (January) and Autumn Semester (July). 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 Six UG Programmes with an intake of around 693 in academic year 2014-15.

In addition to the above, **21 students** were admitted through Government of India from SAARC countries apart from 104 students from DASA scheme during academic year 2014-15. 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:**

Also, the following Full-time M Tech courses (Full time with GATE Score, Non-GATE, and Sponsored) are being offered in different departments of the Institute 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**

- (a) Environmental Engineering
- (b) Urban Planning
- (c) Transportation Engineering and Planning
- (d) Water Resource Engineering

### **Computer Engineering Department**

- (a) Computer Engineering

### **Electrical Engineering Department**

- (a) Power Electronics and Electrical Drives
- (b) Power System

### **Electronics Engineering Department**

- (a) Communication Systems
- (b) VLSI and Embedded System

### **Mechanical Engineering Department**

- (a) CAD / CAM
- (b) Mechanical Engineering
- (c) Thermal Systems Design
- (d) Turbo Machines
- (f) Manufacturing Engineering

**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 **55% aggregate marks of all 8 Semesters (CGPA-6.0). 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. However, Institute research Project staff should have minimum -2 years of Experience 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 would be required to deposit the fee within prescribed time in account section of the institute after getting their selection through interview process.
- (v) The candidates must submit '**NO OBJECTION CERTIFICATES**' from their employers for taking up their M Tech (Research) work at this institute as per format enclosed at **APPENDIX 'B'** with the application form. In case the candidates are not able to submit '**NO OBJECTION CERTIFICATES**' from **their employer** with the application form, they must submit a certificate as per enclosed format **APPENDIX 'B-1'** (**candidates employed with Govt. of Gujarat, pl refer APPENDIX 'B-2'**) from their Head of the Institution. The applications without such certificates will not be considered for further process of admission.

**\*\* 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 as per time schedule to be displayed by the departments.
- (iii) The candidates are required to bring all the certificates related to educational qualification, experience, birth and sponsorship certificates. In absence of these certificates, it will not possible to conduct the counseling/interview of candidate. **The desired certificates are to be brought strictly in the format described in relevant appendices of the information brochure.**
- (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 - 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 \_\_\_\_\_  
\_\_\_\_\_ Engineering Department of SVNIT Surat.

We shall relieve him/her of his/her duties in the Organization during the period  
of attending the classes for relevant courses/examinations to be held at your  
institute related to the above programme.

Date :-    -    - 20    .                      **Signature and seal of the Sponsoring Authority**



**APPENDIX-B-1**

**Certificate to be issued by Parent Organisation, and be enclosed with the application for M Tech (R)candidates**

Date:

Mr./Ms. \_\_\_\_\_ is a full Time  
employee and working as \_\_\_\_\_  
in \_\_\_\_\_ Department of this Institute.  
He/she is interested in joining M Tech (R) program in  
\_\_\_\_\_ Department of SVNIT Surat.

He/she will be issued **No Objection Certificate** by competent authority in the prescribed format, if he/she is granted admission in SVNIT Surat.

Date

Principal/Director  
(Stamp and Seal)

**APPENDIX-B2**

**Certificate to be issued by Parent Organisation of Govt. of Gujarat and be enclosed with the application for M Tech (R) candidates**

Date:

Mr./Ms. \_\_\_\_\_ is a full Time  
employee \_\_\_\_\_ and \_\_\_\_\_ working \_\_\_\_\_ as  
\_\_\_\_\_ in \_\_\_\_\_  
Department of this Institute. He/she is interested in joining M Tech (R)  
program in \_\_\_\_\_ Department of SVNIT Surat.

He/she will be issued **No Objection Certificate** by competent authority in the prescribed format, if he/she is granted admission in SVNIT Surat, within one year after getting confirmation of admission. In case, the relevant certificate is not issued by the competent authority within the prescribed duration his/her admission be treated as cancelled from SVNIT, Surat.

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Date

Principal/Director  
(Stamp and Seal)

**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.**  **Application No.**   
(Leave blank) (Leave blank)

Department \_\_\_\_\_

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

Choice of Guide(s) a) \_\_\_\_\_  
in order of preference b) \_\_\_\_\_  
(If, any) 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	<input type="checkbox"/>
Sponsored candidate.	<input type="checkbox"/>
Institute Faculty, Staff, Project Staff	<input type="checkbox"/>
Other AICTE/UGC approved Institute Faculty, Staff, Project Staff	<input type="checkbox"/>
External candidate from Private / Public Sector Organization or Research / Laboratory Organization	<input type="checkbox"/>

8. Whether GATE qualified : Yes  No

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

<input type="text"/>	<input type="text"/>	<input type="text"/>
Branch	Validity Period	GATE Score

[No scholarship will be provided to M Tech (Research) candidates]

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 (Annual System)</b>				
1 <sup>st</sup> YEAR				
2 <sup>nd</sup> YEAR				
3 <sup>rd</sup> YEAR				
4 <sup>th</sup> YEAR				
<b>Aggregate Percentage of B. E. / B. Tech. or Equivalent Exam(All years)</b>				

B. E. / B. Tech. or Equivalent Examination (Semester System)

<b>Examination</b>	<b>University</b>	<b>Year of Passing</b>	<b>Semester Grade Point Average (SGPA)/ Percentage of Aggregate Marks</b>	<b>Cummulative Grade Point Average(CGPA)</b>
1 <sup>st</sup> Semester				
2 <sup>nd</sup> Semester				
3 <sup>rd</sup> Semester				
4 <sup>th</sup> Semester				
5 <sup>th</sup> Semester				
6 <sup>th</sup> Semester				
7 <sup>th</sup> Semester				
8 <sup>th</sup> Semester				
<b>Total CGPA</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 its 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), if any, having M.E/ M. Tech/ Ph. D. at your work place who wishes 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)

## 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 later 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 SGPA/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.





OFFICE OF DEAN ACADEMIC  
S.V. NATIONAL INSTITUTE OF TECHNOLOGY SURAT-395007.

No.: Dean(Acad)/PhD/ /2019-20

Date : 15/04/2019

(Annexure-1)

**Schedule for Ph. D. and M. Tech (Research) Admissions  
Academic Year 2019-20 (Autumn Semester)**

**Important Dates**

Sr. No.	Event	Dates
1.	Starting of On-line Portal for application	April 15, 2019
2.	Last of date of receipt of applications :	May 24, 2019
3.	Display of List of eligible candidates by concerned Academic Department	June 05, 2018
4.	Reporting of candidates in concerned Academic Departments for Written tests/Interviews -	
	i) Applied Chemistry Dept., Applied Physics Dept., Applied Mathematics & Humanities Dept., Civil Engineering Dept., Mechanical Engineering Dept.	June 13, 2019 (9:00 AM)
	ii) Electrical Engineering Dept., Computer Engineering Dept., Chemical Engineering Dept., Electronics Engineering Dept., Applied Mechanics Dept.	June 14, 2019 (9:00 AM)
5.	Display of list of selected candidates by Academic departments on institute web site	June 28, 2019
6.	Payment of fees and Registration	July 22-26, 2019
7.	Commencement of Semester	July 22, 2019

**Dr. Jyotirmay Banerjee  
Dean (Academic)**

Copy to:

- (1) Director for information please
- (2) Registrar for information please
- (3) Dy. Registrar (Academic)
- (4) Dy. Registrar (Account)
- (5) All Heads of the Department
- (6) Prof. I/c. CCC, for uploading on institute web site (Ph.D. Admission)